A Complete Bibliography of *Scientific American*: 1870–1879

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

04 March 2014
Version 1.01

Title word cross-reference

$20$ [845]. $80$ [10821].

000-Pounder [917].


22d [1195].

30-Ton [10960]. 300 [11925, 12362, 12552].

42D [10820].

[4743, 4893, 6515, 5601, 5708, 7719, 7810, 8623, 9333, 9337]. Against
[18, 3723, 10140, 3271, 3131, 12485]. Agassiz
[2503, 2433, 4033, 5599, 5405, 5241, 5611, 5387]. Age
[1645, 7155, 8955, 12845]. Aged
[2100]. Agency
[1997]. Agent
[816, 725, 1975, 7580]. Agents
[3856]. Ago
[1428, 12850]. Agricultural
[112, 463, 126, 2415, 1374, 2518, 2694, 4639, 7817, 9371, 10778, 10728, 9530, 11807, 11863, 13177, 9797]. Alarm
[938, 384, 1117, 2059, 3383, 3277, 2459, 2518, 2565, 3009, 2529, 4726, 4094, 4092, 4459, 6247, 5878, 5929, 6335, 6504, 5938, 7333, 6971, 8866, 9181, 8905, 8480, 8626, 9474, 8101, 10248, 10912, 10041, 10837, 10228, 11858, 11619, 11082, 12420, 12766, 13693, 12387, 773, 273]. Alabama
[2182]. Alarm
[938, 384, 1117, 2059, 3383, 3277, 2459, 2518, 2565, 3009, 2529, 4726, 4094, 4092, 4459, 6247, 5878, 5929, 6335, 6504, 5938, 7333, 6971, 8866, 9181, 8905, 8480, 8626, 9474, 8101, 10248, 10912, 10041, 10837, 10228, 11858, 11619, 11082, 12420, 12766, 13693, 12387, 773, 273]. Alabama
[2182]. Alarm
[938, 384, 1117, 2059, 3383, 3277, 2459, 2518, 2565, 3009, 2529, 4726, 4094, 4092, 4459, 6247, 5878, 5929, 6335, 6504, 5938, 7333, 6971, 8866, 9181, 8905, 8480, 8626, 9474, 8101, 10248, 10912, 10041, 10837, 10228, 11858, 11619, 11082, 12420, 12766, 13693, 12387, 773, 273]. Agriculture
[2242, 3301, 2868, 10420, 11511, 13017]. Bedell [8284, 9057]. Bedstead
[193, 10286]. Bedsteads [9920]. Bee [598, 1037, 3330, 4527, 8100, 763].
Bee-Eating [598]. Beef [9015, 13305]. Beehive
[3807, 4160, 4543, 6003, 11692, 12055]. Been [3282, 7747, 1148]. Beer
[7467, 10538]. Bees [8908, 12983]. Beet
[538, 1100, 698, 2693, 2850]. Beet-Root
[1100, 698]. Beetle [2944, 4572, 11984, 12649, 486, 10609]. Beetles
[2964, 875, 1772, 1871, 10867, 10911]. Beetling
[12532]. Beets
[12933]. Before
[939, 2312, 2168, 454, 959, 21, 79, 103, 131, 474, 2774, 2676, 2821, 3852, 3868, 6184, 8132].
Begonia
[6881]. Begun
[4660]. Behavior
[5106, 9215]. Belgian
[4462, 5215, 6722, 12221, 13271]. Belgium
[784, 12393]. Bell
[871, 360, 2261, 2968, 4665, 5932, 5667, 7691, 10728, 10625, 9530]. Bells
[371, 204, 3870]. Belt
[1917, 1483, 1554, 1691, 6060, 7464, 6752, 7133]. Belt-Geared
[7133]. Belting
[2864, 3510, 4422]. Belts
[1917, 2490, 4227, 4262, 4497, 10031, 13632, 12993]. Bench
[5330, 12233, 11282, 12317]. Bender
[8988]. Bending
[2757, 7465, 8802, 10316]. Benefit
[7955]. Benevolence
[3220]. Bengal
[5683, 9461]. Bennett
[3024]. Benoit
[11696]. Bent
[204, 3870]. Benton
[8519]. Benzine
[2653]. Benzole
[2653]. Bergen
[6765, 10059]. Berlin
[4079, 12472]. Bernard
[11479]. Berried
[8519]. Berry
[12302]. Berryman
[3061, 11056]. Bert
[12880]. Berth
[13536]. Berthelot
[8921]. Bessemer
[367, 723, 359, 2163, 1400, 3805, 7130, 6651, 6681, 13246, 13356]. Best
[4218, 4249, 4275, 4306, 4331, 4478, 4170, 6743, 10956, 11284, 11258, 12520]. Beton
[1325, 10616]. Better
[125, 5157, 7018, 12790, 12716]. Between
[5514, 6007, 7177, 8476, 9911, 11989, 1047, 1092, 2653, 2592, 6503, 7360, 12669, 12817, 2385]. Bevel
[7435, 9372, 10776]. Beverage
[11369]. Bias
[9968]. Bickford
[1735]. Bicycle
[11473, 11717, 12762, 12365]. Biddle
[6453]. Big
[2774]. Bigelow
[13688]. Bigots
[2395]. Bilge
[2459, 7412]. Bill
[8099]. Billiard
[11369]. Bills
[8921]. Binary
[3597, 3393, 3476]. Binder
[3263, 4394, 8165, 12910]. Binders
[12557]. Binding
[9502, 11885, 11930]. Bird
[5584, 6980, 8350, 12031, 11814, 12008, 11911, 12106]. Birds
[3558, 5195, 4739, 7166, 6727, 9347, 8997, 10611, 11620, 1510]. Birmingham
[2899]. Birthday
[5165]. Birthwort
[10968, 11404]. Biscuit
[2902]. Bisulphide
[2625, 4453, 4792, 5487]. Bit
[668, 3129, 2920, 8323, 12390]. Bitricycle
[366]. Bits
[4429, 7488, 7967]. Bixa
[9379]. Black
[1101, 1897, 5122, 3957, 7696, 7589, 9210, 11220, 11496, 8425, 156, 3195, 2756]. Blackboard
[11031]. Blackboards
[1048]. Blacking
[2919, 4521, 4073]. Blacksmith
[3239, 5121]. Blackstone
[6116]. Blade
[1790]. Blades
[11409]. Blaisdell
[6656]. Blake
[8457, 13534, 13486]. Blank
[3294]. Blast
[269, 3722, 3388, 4268, 3839, 4510, 4853, 5381, 9172, 8710, 8867, 11646, 13559, 921]. Blasting
[2409, 2272, 4132, 12252, 12766]. Blatchford
[79, 103, 131, 474].
Buildings

Bull

Bullion

Bulls

Bumper

Bunching

Bung

Bunker

Bureaux

Burette

Burglar

Burial

Burlington

Burmese

Burned

Burner

Burning

Burnishing

Burns

Burr

Burring

Bursting

Bushing

Business

Business
10301, 10334, 10366, 10399, 10428, 10458, 10492, 10520, 10555, 10589, 10621, 10652, 10678, 10708, 10736, 10762, 10790, 10816, 10846, 10871, 10896, 9546, 9573, 9603, 9629, 9660, 9687, 9714, 9739, 9763, 9793, 9818, 9846, 9872, 9901, 9930, 9952, 9976, 10000, 10024, 10055, 10077, 10106, 10134, 10161, 10187, 10844, 10869, 10920, 10946, 10972, 10973, 11545, 12163, 12189, 12217.

Business [12241, 12272, 11574, 11601, 11628, 11655, 11675, 11699, 11719, 11743, 11767, 11791, 11819, 11850, 11874, 11897, 11918, 11944, 11964, 11985, 12015, 12037, 12061, 12083, 12110, 12138, 11001, 11023, 11052, 11075, 11100, 11126, 11152, 11178, 11201, 11224, 11250, 11277, 11305, 11333, 11357, 11385, 11412, 11442, 11467, 11490, 11519, 10998, 11021, 11050, 11099, 11125, 11151, 11229, 13001, 13082, 13095, 13086, 13103, 13154, 13165, 13191, 13214, 13241, 13266, 13293, 13321, 13349, 13373, 13394, 13420, 13451, 13475, 13500, 13525, 13548, 13574, 13599, 13625, 13654, 12325, 12349, 12377, 12401.

Business [12427, 12455, 12479, 12509, 12545, 12569, 12599, 12635, 12661, 12690, 12723, 12754, 12782, 12810, 12840, 12867, 12898, 12925, 12951, 12976].


Cab [11344]. Cabinet [11956, 10993, 11869, 13497, 12834, 13565, 13646].

Cable [803, 2891, 4317, 4575, 6330, 5824, 10371, 10338, 12521, 13637, 12878].

Cables [783, 398, 11471, 11096]. Cabs [4691, 11862]. Cage [10035].

Caillelet [11157]. Cairo [2038]. Caisson [635, 1792, 1563, 2311, 1547, 1674].


Call [11893]. Called [2228]. Calles [2363]. Callipers [1116]. Calls [12936].

Caloric [12125]. Calorimeter [9022]. Cam [5706, 11685]. Camacho [9315].


Camphor [4904]. Cams [8765]. Can [726, 3130, 3851, 6156, 6052, 6357, 6454, 6715, 7540, 8486, 8185, 10319, 11364, 11848, 12452, 13584, 12493, 3893, 8453].

Canada [3045, 3050, 3072, 3096, 3115, 3144, 3170, 3201, 3229, 3253, 3288, 3320, 3347, 3375, 3407, 5261, 5288, 5317, 5341, 9771]. Canadian [18, 2947, 3244, 3156, 4085, 4193, 4736, 5206, 5235, 5260, 5969, 5993, 6019, 6044, 6073, 6099, 6124, 6150, 6178, 6203, 6235, 6262, 6287, 6318, 6344, 6369, 6396, 6417, 6440, 6461, 6485, 6509, 6537, 5287, 5316, 5368, 5398, 5429, 5456, 5479, 5506, 5562, 5591, 5624, 5646, 5675, 5700, 5727, 5756, 5780, 5808, 5836, 5851, 5546, 9368, 10346, 10226, 12872].

Buzzard [9096].
17

Creosoted [12485]. Crescent [6678].
Crinum [7007]. Crises [12358]. Crisis [4924]. Criticism [3834].
Crocheted [2644]. Crocker [1916]. Crook [7632]. Crooked [11787].
Crookes [1966, 2269, 2266, 7508, 8654, 2315]. Crop [7384, 10252]. Crops [753, 1746].
Curare [13273]. Curculio [664, 3154]. Cure [1948, 1443, 6013, 5663, 7094, 10851, 10821, 12597].
Curing [9433, 13305].
Curiosities [4984, 9340, 9405, 9774, 10901, 11740]. Curiosity [2787].
Curious [471, 93, 206, 1426, 2858, 4148, 5749, 5872, 5963, 7158, 6998, 7811, 7019, 7674, 9268, 9432, 9477, 9060, 7984, 10714, 10263, 9880, 10969, 10014, 10954, 10835, 10936, 10979, 11697, 11833, 12277, 13134, 12644, 12445, 11018, 10867, 10911].
Cut [429, 1262, 4923, 6037, 6881, 8653, 9524, 9808, 11702, 12859, 13208].
Cut-Leaved [6881]. Cut-Off [4923, 6037, 8653, 9524, 9808, 12859, 13208, 1262, 11702].
Cutters [334, 1617, 1935, 1847, 1741, 3750, 3014, 2496, 6337, 6193, 5717, 6277, 5360, 6560, 6723, 6948, 6654, 7053, 8594, 10412, 10440, 11641, 12254, 12289, 11070, 12127, 13233, 13256, 763]. Cutting [809, 1985, 1378, 1770, 3012, 2809, 3753, 3358, 4038, 4902, 4428, 4406, 5998, 6064, 5470, 6680, 7043, 7883, 9312, 9280, 9278, 8253, 10326, 10014, 10496, 9730, 9618, 12292, 10985, 11783, 12257, 11732, 13284, 12858, 12967, 10964, 1559].
Cycloscope [13253]. Cylinder [1208, 3982, 3896, 5041, 6433, 7239, 8245].
Cylinders [950, 418, 4486, 8803, 10471, 12238]. Cylindrical [6804].
Cymbals [2985]. Cyprus [3834].

[1550, 4118, 7069, 8736, 8679, 7930, 9015, 11395, 11137]. Dangers [468, 1438, 2033, 3365, 3430, 6403, 5539, 7331, 8826, 8155, 8896, 12667].

Daniel [11110]. Danish [11906]. Danube [3418]. Darien
[54, 672, 346, 1545]. Dark [13279]. Darkness [5544]. Darwin
[8473, 8647, 9935]. Darwinian
[5387]. Darwinism [2018, 9301]. Dashboard
[7270]. Dasher [2143, 5498]. Dastardly [4743, 4689, 8648]. Date
[9718]. Dates
[9718]. Daubs [11341]. Davenport
[2544, 2494]. David
[1332, 5736, 12922]. Davidson
[6252]. Davis
[1055, 5882, 6066]. Dawn
[604]. Dawson
[7505]. Day
[1271, 1317, 4003, 5769, 2172, 9784]. Days
[1355, 6106]. Dayton
[3789, 5706]. Dead
[6030, 5711, 7554, 10434, 10740, 12171]. Deadly
[7072]. Deaf
[2597]. Dealings
[9398]. Dean
[12738]. Dear
[6423]. Death
[510, 819, 2127, 2250, 1465, 1942, 2079, 3711, 3604, 2953, 3024, 3498, 2823, 4292, 4374, 5218, 5409, 5342, 7455, 7045, 7356, 8449, 9029, 9585, 11233, 1054, 7084]. Debate
[5465]. Debt
[562]. Decapitation
[9580]. Decay
[438, 2341].

December [1195, 2573]. Deception
[7209, 7235, 7257, 7285, 7302, 7357, 7432, 7661, 8623, 9722, 9748, 9772, 10481, 9829, 11496, 12555]. Decision
[1043, 11, 404, 1644, 1650, 1280, 2099, 2115, 1755, 1522, 2145, 2146, 2175, 3161, 2836, 2448, 3661, 2647, 4373, 5598, 6770, 12258, 12046, 11007, 12196, 12684, 13604]. Decisions
[923, 233, 375, 2150, 2023, 1414, 2168, 2277, 2300, 2173, 3692, 3693, 3728, 3759, 3791, 3727, 3790, 3817, 5179, 5202, 3872, 3933, 3989, 4047, 4081, 4134, 4161, 4188, 4216, 4247, 4304, 4329, 4358, 4386, 4411, 4473, 4533, 4581, 4680, 4706, 4732, 4725, 4811, 4864, 5148, 3816, 3871, 3903, 3988, 4018, 4046, 4080, 4133, 4246, 4385, 4440, 3844, 5255, 5803, 5751, 5254, 6069, 6120, 6199, 6231, 6258, 6283, 6314, 6365, 6533, 6564, 5282, 5321, 5345, 5364, 5394, 5425, 5452, 5475, 5527, 5557, 5587, 5619, 5696, 5752, 5804]. Decisions
[5832, 5858, 5910, 5908, 6015, 6040, 5393, 5502, 5526, 5556, 6586, 7622, 7701, 7794, 6634, 6660, 6684, 6728, 6831, 6856, 6882, 6925, 6954, 6983, 7035, 7058, 7117, 7196, 7224, 7246, 7347, 7371, 7442, 7471, 7494, 7542, 7567, 5929, 6757, 6782, 6807, 9156, 7940, 7998, 8029, 8055, 8086, 8169, 8200, 8228, 8258, 8288, 8310, 8337, 8369, 8462, 8492, 8546, 8574, 8662, 8720, 8750, 8813, 8846, 8909, 9155, 9320, 9513, 9541, 9622, 9757, 9864, 9923, 10015, 10045, 10127, 10154, 10178, 10208, 10236, 10264, 10291, 10748, 10800, 10826, 10903, 10970].

Decisions
[10340, 10465, 10512, 10630, 10661, 10689, 10770, 10879, 10109, 10804, 11650, 11303, 11328, 11571, 11589, 11754, 11953, 13238, 13263, 13369, 13392, 13440, 13596, 13649, 13491]. Decline
[4769, 11421, 11661]. Decorated
[5087]. Decoration
[904, 2323, 3080, 5216, 7913, 9151, 11271]. Decorations
[732]. Decorator
[12699]. Decortication
[9833]. Decoy
[6917]. Decoys
[13447]. Decrease
[3164]. Deep
[5978]. General [1454, 1889, 2271, 2570, 6161, 6587, 1967]. Generating
[9309]. Generation [793, 4744, 6767, 11275]. Generator
[1368, 2055, 5949, 5597, 11370, 11045, 11718, 13432, 13583, 13561, 13533].
Genesis [5600, 7044, 11207].

Geneva [11971].

Genius [11922, 12419].

Gentlemen [443].

Geographical [4319, 5223, 8487, 9578, 11230]. Geologic [6084].

Geology [10253, 1959].

Geometrical [2623, 8605, 7934, 9527, 10447].

George [173, 2102].

Georgia [559, 3527, 3608].

Growth [13673].

Geranium [8197].

Gerard [12921].

Gerhart [2622].

Germ [5142, 5177, 5201].

German [6090, 6937, 9237, 10141, 10609].

Germany [3451, 3746, 2737, 6908, 11639, 13149].

Germinating [10511].

Germination [6658].

Get [8794].

Geysers [13104].

Ghent [12393].

Giant [7849, 10513, 9804, 13368, 12624, 13260, 11748].

Giants [1355].

Gibbon [10697].

Gibbs [2842].

Giffard [3302, 6945, 7667, 1325].

Gift [1464, 4206, 7871, 10956].

Gigantic

[2221, 1355, 2972, 3842, 5511, 7215, 11595]. Gila [13679].

Gilberds [5522].

Gilbert [11080, 11454, 11254].

Gillott [5005].

Gin [3153, 4156, 7173, 140].

Gipsy [1963].

Girard [12].

Girders [456, 2816, 4643].

Girdlers [1871].

Glacial [3177, 5710, 7304].

Glance [674].

Glandular [10825].

Glasgow [3357].

Glass [204, 325, 443, 741, 771, 2396, 2212, 1325, 2323, 3388, 3584, 3953, 6521, 5465, 7210, 7214, 7128, 7259, 8662, 9300, 10166, 9722, 9748, 9772, 9879, 10448, 10564, 9557, 11592, 12224, 12610, 12658, 13621].

Glass-Makers [443].

Glasses [6578, 9589, 217, 242, 272].

Glassmaking [9774].

Glassware [12267, 13651, 13542].

Glatton [3184].

Glazed [370].

Gleanings [3866, 3890, 3926].

Gleason [874].

Glen [4159].

Glimpses [10307].

Glissant [12].

Globe [4940].

Glossing [2244, 2916].

Glottidis [9652].

Glove [11806].

Gloves [10419, 12021, 68].

Glucose [12409].

Glue [6585, 10545, 10288].

Glue-Heating [10288].

Gluten [10450].

Glycerin [1074, 877, 772, 1801, 7360, 9186].

Goal [7685].

Goat [11698, 13259].

Goblet [10358].

Godefroy [10087].

Godfrey [9553].

Going [807, 4667].

Gold [789, 1826, 1968, 2171, 1404, 3356, 7026, 9437, 8505, 11255, 11555, 11704, 13633, 3043, 4351].

Golden [12031].

Gone [4005].

Gongs [2985].

Good [750, 1123, 2631, 7876, 9746, 11610, 12734].

Goodridge [3266].

Goods [3359, 10116, 12033].

Gooise [11065].

Gordon [3024].

Gorilla [9633, 10478].

Gosa [13069].

Gothard [2393].

Gothic [13346].

Gourd [7112, 8399].

Goux [2437].

Govern [546].

Government [878, 1803, 3397, 3787, 2784, 5065, 3883, 3897, 4241, 3828, 5921, 6546, 11033, 11061, 1439, 3703].

Governor [1073, 2717, 4637, 5119, 4043, 6373, 5651, 6196, 6037, 6825, 7030, 7815, 8560, 8841, 9043, 10507, 11707, 11041, 12178, 13065, 12625].

Governors [5764, 6525, 6558].

Grab [3705].

Grader [9905].

Gradients [5849, 7814].

Grafting [2844, 13674].

Grahamite [2045].

Grain [1867, 2263, 3005, 2878, 2487, 4394, 4104, 6079, 7868, 8427, 9916, 10347, 10176, 9673, 11172, 13378, 12888, 12364].

Graining [1396, 1478].

Grammar [750].

Grampus [13317].

Granary [6025].

Grand
Gyroscope [4043, 12374, 8393, 11523]. Gyroscopic [12374].

H [939, 959, 2127, 1989, 3498, 3093, 3116, 3165, 3197, 3224, 3249, 3285, 3315, 3343, 3403, 3419, 3539, 3428, 4574, 4674, 4701, 4727, 4752, 4778, 4800, 4831, 4856, 4886, 4912, 4936, 4967, 5042, 4607, 4642, 10094, 12307]. H.

Heats [4459, 8826]. Heated [3061, 2438, 3054, 4790, 4068, 7325, 7427, 7694, 7644, 7513, 8388, 9407, 9245, 10795, 11056, 11495, 11044]. Heaters [6375]. Heating [988, 1122, 124, 2575, 2624, 2548, 2858, 5199, 4644, 5420, 6445, 6447, 7602, 7469, 7022, 6802, 9120, 8905, 10288, 9668, 11989, 13227, 13560, 13662].


Improved

7416, 7666, 7065, 7254, 7584, 7427, 7525, 7848, 6726, 7022, 6605, 7671, 7269, 7109, 7218, 6606, 7242, 6878, 6919, 7306, 7136. Improved

[7609, 6846, 7549, 7852, 6797, 7054, 7615, 7031, 7280, 7341, 7243, 7466, 7490, 7760, 7391, 6605, 7671, 7269, 7109, 7218, 6606, 7242, 6878, 6919, 7306, 7136, 7054, 7848, 6726, 7022, 6605, 7671, 7269, 7109, 7218, 6606, 7242, 6878, 6919, 7306, 7136]. Improved

[6950, 6753, 7000, 8396, 8716, 8136, 8486, 8778, 8255, 8994, 9472, 8827, 8138, 8958, 8135, 9433, 7990, 9083, 8456, 8806, 8871, 9181, 8471, 8741, 8283, 8330, 8510, 8192, 8165, 9175, 9394, 8682, 9182, 7994, 9422, 8993, 8050, 8081, 8630, 9372, 8167, 8807, 8381, 8218, 8840, 9346, 8277, 8652, 9024, 9180, 8346, 8023, 8656, 8166, 8873, 8600, 9087, 9117, 8153, 8905, 9000, 8986, 9012, 9249, 8423, 9370, 9408, 7964, 8460, 8046, 8077, 8899, 8308, 8388, 9407, 8041, 8072, 8427, 8842, 8710, 8835, 8951, 8280, 8233, 8336]. Improved

[8139, 8491, 8513, 8390, 9424, 9149, 8421, 9205, 8195, 8189, 9250, 9467, 9235, 8397, 8249, 8019, 8928, 8429, 8270, 8459, 9025, 8512, 8569, 9234, 8747, 7992, 8307, 9206, 8453, 8422, 9020, 8180, 8690, 8776, 9332, 9314, 8094, 8572, 7963, 8772, 8516, 8106, 8714, 7932, 7993, 8190, 8740, 8800, 8906, 7937, 8163, 8164, 8808, 8841, 8907, 9021, 9404, 9310, 8797, 9503, 8279, 8570, 8988, 7936, 8571, 9076, 9277, 9339, 9344, 9506, 9150, 8901, 8927, 8802, 9345, 9470, 8109, 8482, 8160, 8629, 8837, 8329, 8024, 7931, 8801, 8771]. Improved

[9279, 8304, 8933, 8987, 8995, 8362, 8452, 8599, 9243, 8626, 9118, 8428, 8108, 9458, 8188, 9282, 8517, 8256, 8745, 8455, 9056, 8573, 10535, 9921, 10666, 10779, 10643, 10260, 10636, 10092, 10319, 10538, 10444, 10502, 10695, 10712, 10662, 10778, 10261, 10496, 10574, 9980, 10832, 10204, 10802, 10353, 10607, 9639, 10257, 10416, 9703, 10012, 10172, 10413, 10887, 9674, 9613, 10171, 10379, 10721, 10411, 10412, 10440, 10504, 10011, 10165, 10085, 10532, 10037, 10313, 10875, 10205, 10511, 9956, 10545, 9916, 10347, 10173, 9731, 10285, 10534, 10468, 10041, 9533, 10403, 9729]. Improved

[10833, 9648, 9679, 10384, 10525, 10474, 10635, 10638, 10314, 10116, 10152, 10744, 10576, 10634, 10939, 10501, 10909, 10741, 9534, 10229, 10795, 10908, 10197, 9905, 10315, 10212, 10152, 10508, 10728, 10227, 10610, 10064, 10665, 9808, 10507, 9617, 10724, 10937, 9967, 9870, 10865, 9724, 10827, 10861, 9672, 10445, 10568, 9889, 10443, 10410, 9986, 10726, 9968, 10777, 10122, 10806, 10965, 10354, 10663, 9559, 10151, 10111, 11073, 11093, 11618, 11693, 11407, 11299, 11090, 11710, 11587, 11558, 12289, 11282, 11347, 11692, 11432, 11317, 11484, 11370, 12183, 11375, 11507, 11615, 12025, 11213]. Improved

[11042, 11298, 11495, 11564, 11512, 11653, 12229, 11619, 11269, 11145, 11338, 11430, 11350, 11343, 11461, 11166, 11041, 11532, 11418, 11423, 11372, 11069, 11117, 11709, 11320, 11435, 11563, 11436, 12208, 11557, 11511, 11613, 11711, 11553, 12028, 11371, 11297, 11349, 11453, 11645, 11672, 11425, 11301, 12227, 11702, 11402, 11535, 11452, 11556, 11460, 11670, 11649, 10989, 11240, 11118]
Index

India

Indian

Indiana

Indicate

Indicating

Indications

Indicator

Indicators

Indigestible

Indigo

Indirect

Induction

Industrial

Industries

Industry

Inebriety

Inertia

Inertiæ

Inexact

Inexhaustible

Inexplicable

Inextinguishable

Infant

Infantile

Infants

Infectious

Infernal

Infinitesimal

Influence

Influenced

Information

Induced

Induction [2626].

Indoor [6479, 7913].

India [1104, 9888, 7414, 7793, 8381, 10195, 12742, 12741, 1753].

Industrial [584, 563, 1301, 3367, 2880, 3678, 2974, 3565, 3482, 3095, 3342, 3308, 4490, 3829, 5487, 6131, 6243, 6513, 6908, 6178, 8543, 8651, 8212, 8240, 10604, 9782, 12090, 11894, 11637, 11593, 13145, 12836, 12630, 13301, 12575, 12731, 13402].

Industries [113, 2365, 6502, 5439, 8485, 8877, 9801, 11660, 12462, 12483, 12514, 12574, 12609, 12787, 12818, 12851, 12873, 12908, 13485, 13519, 13529, 13590, 13611, 13643, 13671, 13699, 12640, 12333, 12355, 12384, 12432].

Industry [604, 839, 2373, 2719, 3308, 3660, 2770, 4902, 6049, 5403, 7020, 6643, 6704, 8184, 8100, 9983, 9811, 11661, 11635, 11640, 12736, 12411, 6183].

Inebriety [9610].

Inertia [278].

Inertiæ [278].

Inexact [10278].

Inexhaustible [5714].

Inexplicable [279].

Inextinguishable [2815, 4986].

Infant [1487].

Infantile [1432].

Infants [2044].

Infectious [4178].

Infernal [8044, 8075].

Infinitesimal [4229].

Influence [857, 788, 1232, 1477, 2626, 3247, 5322, 6084, 6298, 8809, 10798, 10601, 10717, 11437, 11177].

Influenced [2652, 2570].

Information [2995, 2531, 3360, 3416, 3545, 3571, 3663, 3684, 3783, 2554, 2576, 2602, 2629, 2656, 2675, 2697, 2726, 2742, 2767, 2792, 2818, 2838, 2885, 2922, 2949, 2975, 3025, 3069, 3132, 3167, 3198, 3284, 3314, 3334, 3343, 4850, 4881, 4929, 4957, 4985, 5012, 5038, 5066, 5096, 5112, 5137, 5163, 5194, 5266, 3869, 3900, 4036, 4075, 4098, 4121, 4152, 4186, 4212, 4291, 4321, 4347, 4376, 4426, 4457, 4493, 4518, 4553, 4636, 4664, 4697, 4731, 4749, 4773, 4828, 5252, 6139, 6191, 6328, 6380, 6427, 6449, 6481, 6497].

Information [5276, 5310, 5327, 5354, 5382, 5416, 5445, 5466, 5491, 5520, 5605, 5637, 5665, 5687, 5713, 5796, 5831, 5875, 5909, 5928, 5958, 5979, 6031, 6087, 6113, 5746,
53

8722, 8782, 8850, 8882, 8939, 9002, 9033, 9064, 9102, 9127, 9158, 9189, 9224,
9259, 9323, 9351, 9385, 9413, 9445, 9485, 9517, 9745, 9790, 8000, 8031,
8059, 8090, 8263, 8404, 8437, 8466, 8494, 8527, 8552, 8638, 8754, 8786, 8940,
8972, 9004, 9099, 9222, 9325, 9383]. Inventions
[9448, 9483, 9516, 9611, 9190, 9225, 9258, 9289, 9355, 9417, 9449,
9484, 9515, 9601, 9666, 9700, 9731, 9762, 9804, 9836, 9868, 9895, 9896,
9946, 9998, 10021, 10050, 10101, 10160, 10183, 10214, 10238, 10266, 10296,
10328, 10363, 10395, 10733, 10759, 10787, 10813, 10843, 9599, 9657,
9681, 9710, 9815, 9843, 9896, 9947, 10017, 10052, 10074, 10102, 10157, 10211,
10269, 10297, 10332, 10364]. Inventions [10393, 10424, 10489, 10515, 10547,
10583, 10648, 10801, 9543, 10422, 10453, 10485, 10516, 10549, 10582, 10618,
10649, 10672, 10704, 10734, 10760, 10783, 10810, 10842, 9600, 9626, 9736,
9760, 9790, 9812, 9841, 9869, 9945, 9974, 9997, 10020, 10048, 10072, 10100,
10129, 10156, 10180, 10213, 10239, 10270, 10293, 10329, 10360, 10396, 9544,
10271, 10298, 10331, 10361, 10392, 10423, 10454, 10486, 10517, 10550, 10584,
10619, 10650, 10675, 10705, 10732, 10757, 10784, 10811, 10841, 9568, 9598,
9625, 9656, 9682, 9735, 9761, 9789, 9813, 9840, 9866, 9898, 9925]. Inventions
[9944, 9973, 9995, 10019, 10047, 10071, 10103, 10130, 10158, 10181, 10212,
10241, 9787, 10267, 10294, 10488, 10552, 10702, 9569, 10548, 10586, 10647,
10674, 10701, 10758, 10786, 9658, 9684, 9709, 9759, 9791, 9816, 9867, 9897,
9926, 9948, 9996, 10018, 10049, 10131, 10159, 10184, 10210, 10240, 10268,
10295, 10330, 10362, 10394, 10425, 10456, 10686, 10775, 10436, 11826, 11524,
11729, 10975, 11853, 11877, 11900, 11920, 11947, 11966, 11987, 12017, 12040,
12063, 12086, 12112, 12141, 12166, 12192, 12219, 12244, 12274, 11003, 11025,
11054, 11078, 11102, 11128, 11155, 11181]. Inventions
[11203, 11226, 11253, 11279, 11308, 11336, 11493, 11547, 11577, 11678, 11701,
11721, 11746, 11770, 11794, 11822, 11417, 11882, 11229, 12710, 13449, 13463,
13520, 13562, 13622, 13672, 13697, 13285, 12622, 12770, 12825, 12883, 12915,
12991, 13055, 13135, 13223, 13262, 13290, 13309, 13345, 13442,
13468, 13493, 13509, 13572, 13680, 13540, 12797, 13357, 12390, 13004, 13033,
13062, 13116, 13141, 13168, 13194, 13217, 13244, 13269, 13296, 13324, 13352,
13376, 13397, 13423, 13453, 13478, 13503, 13527, 13551, 13577, 13602, 13628,
13657, 13684, 13271, 13252, 13286, 13243, 12457, 12481]. Inventions
[12512, 12548, 12572, 12601, 12637, 12663, 12693, 12725, 12756, 12785, 12812,
12843, 12870, 12901, 12927, 12954, 12978, 12347, 13636, 12500, 13388, 13406,
Inventions [12794, 12861, 12941, 12970, 12992, 13020, 13048, 13074, 13102, 13153, 13188, 13207, 13234, 12544, 12565, 12620, 13591].

Inventor [695, 714, 2261, 2061, 1355, 2899, 3508, 4692, 7722, 7876, 8691, 9880, 11312, 11472, 12263, 13053, 12643, 11976].

Inventors [296, 730, 153, 639, 2319, 1864, 1886, 2179, 1918, 3448, 2970, 11856].

Inversion [8830].

Invertebrate [4095].

Investigate [6519].

Investigation [5921, 13360, 13220, 1961].

Investigators [2942, 4745, 4720, 6192, 8705, 10342, 9614, 11488, 11377].

Investors [3435, 3462, 3489, 3572, 4587, 4622].

Invisible [347, 4034, 5135, 3924, 7983].

Iodine [13343].

Iowa [6489, 12678].

Irate [679].

Ireland [2239].

Irises [6032, 7617, 8659].

Irish [7292].

Iron [919, 219, 688, 1115, 69, 943, 614, 792, 1293, 2196, 1749, 1463, 1673, 1477, 1572, 1373, 2238, 2082, 1960, 2549, 2848, 2816, 2948, 3385, 3020, 3185, 3532, 3592, 3454, 2756, 3660, 2924, 2961, 2589, 4946, 3831, 4384, 4403, 4496, 5164, 5035, 5246, 6183, 6495, 5709, 6008, 6049, 5469, 6562, 5438, 6452, 5323, 5435, 5321, 6274, 7785, 7153, 7043, 6802, 6798, 6751, 7879, 7051, 6966, 8876, 9270, 8900, 10316, 10912, 9853, 9983, 9607, 12149, 11373, 11640, 11681, 11773, 11859, 12792, 13209, 12449, 12579, 13286, 13037].

Iron [13285, 12877, 13483, 141, 29, 5302, 5305].

Iron-Clads [219].

Iron-Framed [6562].

Ironclad [4802, 7825, 9965, 10146, 11421, 11174].

Ironclads [6039, 11726].

Ironing [1262, 12647].

Ironwork [9145].

Irregularity [9338].

Irrepressible [622].

Irrespirable [11142].

Irrigation [2033, 6744, 7429, 9219, 10113].

Irrigator [4938, 9373].

Irving [1830].

Isa [12728].

Isabella [4640].

Island [1004, 1215, 13093].

Islands [8487].

Issue [1890, 1914].

Issued [2248].

Issuing [9638].

Isthmus [54, 12985].

Iswage [5045].

Italian [530, 2261, 3678, 5613, 11845].

Italy [4774, 6034, 5883, 9922].

Item [11395].

Items [3250, 3304, 3401, 3429, 787].

Itself [1719, 3109].

IV [4404, 4434].

Ivan [516].

Ivory [1565, 1429].

Ivy [10404, 12184].

Iwakuni [10510].

J [3539, 7632].

J. [271, 7692, 7632, 9364].

Jabiru [11759].

Jacana [12211].
Jack 1453, 5071, 4542, 6453, 6226, 5330, 8255, 8868, 8455, 11461, 11556.
Japanese 2898, 2655, 4730, 5021, 5247, 8965, 11786, 13391, 13259, 12805.

Machine [11319, 11073, 11130, 11612, 11228, 11375, 11145, 11418, 11423, 
11349, 11813, 12182, 11246, 11095, 11805, 11114, 10986, 12131, 11884, 12078, 
12102, 11652, 11237, 11066, 11671, 11368, 11168, 12092, 12799, 12858, 12448, 
13178, 13286, 13081, 12882, 12987, 8387, 9076, 8116, 8172, 
8525, 8576, 8667, 8752, 8783, 8974, 9034, 9067, 9354, 9416, 9446, 9486, 
8158, 8660, 7991, 8102, 10958, 10258, 10462, 9670, 10468, 9550, 9678, 9805, 
10632, 11501, 11549, 11538, 12046, 11753, 11338, 11634]. Machine-Made [13458]. 
Machine-Patent [679]. Machinery [904, 741, 745, 676, 892, 838, 225, 1964, 2066, 1378, 
3387, 2758, 2515, 3443, 3858, 3917, 4371, 4401, 6247, 6161, 5792, 5322, 5976, 7621, 7911, 
7838, 6692, 6991, 7418, 7881, 7182, 7839, 6582, 8522, 8661, 8368, 8986, 8387, 
8491, 8513, 8019, 8780, 9076, 8109, 8933, 8957, 9364, 7942, 8004, 8116, 8172, 
8525, 8551, 8576, 8667, 8752, 8783, 9034, 9067, 9354, 9416, 9446, 9486, 
8158, 8660, 7991, 8102, 10958, 10258, 10462, 9670, 10468, 9550, 9678, 9805, 
Outrage [4743, 4689]. Ovals [6873]. Oven [3722]. Over-Culture [5109].
Over-Density [12356]. Overhead [5363, 5743, 10501]. Overheated [4208].
Overshoe [9214]. Overstrain [10539]. Owl [8285, 12535]. Own [11363].
Owner [2651]. Owners [4597, 5380]. Owns [1646]. Ox [4669, 191]. Oxalic
[10593]. Oxide [659, 3060]. Oxidizing [3856]. Oxygen [1120, 3750, 5767, 5765, 10406, 11097, 11764, 11094]. Oxylhydric [3656, 3855].
Oxhydrogen [1970, 3137]. Oyster [6494, 5522]. Oysters [250, 6600, 6623].
Ozone [5436, 8869]. Ozonized [1976].

PA [6678, 10112, 13606, 570, 8981]. Pacific [415, 2735, 4517, 983, 3007, 3970, 3980, 6160, 6332, 7330, 9707, 12436].
Package [4932]. Packer [666, 12949]. Packing [92, 418, 1219, 1318, 1694, 2617, 2847, 4854, 5721, 7192, 10346, 12384, 12621, 13201]. Pad [11838].
Panama [13300, 13155]. Pane [325]. Paneling [1114, 8656, 12882].
75
Photo-Engraving [10370, 10934]. Photo-Lithographs [9581].
Photo-Mechanical [6993]. Photo-Relief [967]. Photograph [1304, 3945].
Photographer [9913]. Photographers [2009]. Photographic
[509, 1901, 3358, 2869, 2790, 4238, 8690, 9503, 11834]. Photographing
[7983, 13304]. Photographs [1000, 255, 6301, 9855, 9697, 13176].
Photography [832, 926, 5135, 5791, 9855, 9697, 13176].
Photometer [3773, 4030, 3955]. Phrenology [1870, 9111].
Phylloxera [6162, 6944, 7303, 8198, 13161, 9833].
Physical [78, 73, 4315, 5109, 6424, 6599, 7356, 6658, 9465, 8446, 8952, 9078,
8507, 10280, 12366]. Physician [5389]. Physicians [9552].
Physics [1543]. Physiognomy [647]. Physiological [5925, 11567, 11177]. P'i [6646].
5173, 4237, 6277, 5470, 8456, 9020, 8934, 10043, 9558, 10277, 10147, 9536, 11407, 11072, 11435, 11195, 11027, 12127, 12967, 13009, 921]. Pipes
[69, 1012, 1300, 1536, 1642, 3084, 4351, 4631, 3923, 7049, 6866, 7465, 7778, 7988, 12044, 12440, 12886]. Piracy [11615]. Piscicultural [6818].
Place [493, 1289, 3279, 5663, 8743]. Places [5630]. Plague [6094, 12518]. Plain
[9976]. Plan [300, 1613, 3680, 4093, 6406, 6953, 12045, 13662, 12330]. Plane
[2564, 4939, 5612, 11282, 12994, 12317, 12303]. Planer [4282, 4340, 5045, 5707, 6422, 7048, 7748, 8776, 8988, 8479, 9561, 10985, 11460, 12559]
Planer-Tooth [5045]. Planet [9204, 3773, 2764, 4884, 4908, 11857].
Planetary [7260, 11584]. Planets [4315, 3973, 6749, 10882]. Planing
[4951, 5536, 6163, 6506, 7391, 6571, 9509, 10171, 10694, 12489]. Planking
[1456]. Plans [651, 4124]. Plant [1565, 6657, 7620, 7913, 6981, 8384, 9378, 9525, 10754, 11326, 11934, 11293, 11400, 11459, 11622, 11355, 267].
Plantains [30]. Plante [9505, 11246, 11488]. Planter
[985, 3715, 3927, 6654, 8023, 8108, 12467]. Plants
[984, 2983, 4980, 4934, 5160, 5749, 6190, 5406, 5765, 7729, 7244, 7634, 7526, 6870, 6829, 8272, 8811, 9215, 8810, 10263, 9935, 11396, 11654]. Plaster
[2034, 3248, 5211]. Plate
80

1305, 1330, 1360, 1372, 1412, 1466, 2800, 4040, 4231, 6496, 8588, 8589.

**Preservation** [55, 192, 53, 194, 1553, 7844, 9878, 12556, 29]. **Preserve** [13174]. **Preserver** [1246, 3062, 9985]. **Preserving** [1148, 526, 2298, 1481, 5661, 6805, 7102, 7723, 7580, 9177, 8485, 8424, 11212, 11741, 12792, 12877].

Quacamaia [13083]. Quadruplex [10144]. Quality [3510, 5305]. Quandary [12360]. Quantitative [5091, 6914, 2763]. Quantitatively [8250]. Quantitatively [8222]. Quantities [11149, 5245]. Quantivalence [5818]. Quaeries [1082, 1107, 1129, 1151, 1202, 1907, 1925, 2003, 2049, 2074, 2092, 2135, 2157, 2176, 2207, 2230, 2254, 2302, 2329, 2354, 2403, 1230, 1255, 1307, 1336, 1363, 1385, 1416, 1447, 1470, 1502, 1524, 1555, 1579, 1604, 1629, 1654, 1678, 1705, 1731, 1756, 1781, 1812, 1834, 1859, 1882, 1751, 2431, 3053, 3076, 3101, 3121, 3147, 3173, 3204, 3232, 3257, 3290, 3323, 3350, 3380, 3411, 3438, 3465, 3519, 3553, 3579, 3615, 3640, 3672, 3701, 3737, 2456, 2484, 2512, 2538, 2560, 2582, 2611, 2637, 2662, 2680, 2704, 2732]. Queries [2754, 2779, 2805, 2831, 2854, 2875, 2896, 2913, 2933, 2959, 2980, 3003, 3029, 3798, 4591, 4627, 4655, 4714, 4740, 4765, 4788, 4818, 4871, 4900, 4921, 4948, 4974, 5030, 5056, 5080, 5102, 5124, 5387, 3910, 3939, 3967, 3996, 4025, 4054, 4089, 4113, 4140, 4167, 4196, 4223, 4255, 4280, 4312, 4337, 4365, 4392, 4419, 4448, 4481, 4539, 4560, 6594, 7252, 7287, 7298, 7323, 7353, 7377, 7400, 7425, 7449, 7477, 7500, 7523, 7547, 7573, 7599, 7629, 7653, 7682, 7712, 7743, 7776, 7805, 7836, 7866, 7894, 6617, 6640, 6667, 6690]. Queries [6711, 6735, 6763, 6789, 6814, 6836, 6863, 6888, 6905, 6932, 6959, 6989, 7013, 7041, 7063, 7090, 7121, 7146, 7171, 7202, 7229, 7922, 8672, 9490, 8700, 8729, 8759, 8857, 8889, 8917, 8948, 8978, 9009, 9041, 9073, 9107, 9133, 9167, 9198, 9231, 9265, 9298, 9331, 9361, 9391, 9422, 9454, 9750, 9798, 8009, 8039, 8065, 8070, 8124, 8151, 8178, 8209, 8239, 8268, 8294, 8319, 8343, 8379, 8411, 8442, 8469, 8501, 8532, 8557, 8584, 8614, 8643, 9953, 10217, 10817, 9522, 10274, 10302, 10335, 10367, 10400, 10429, 10459, 10493]. Queries [10521, 10556, 10590, 10622, 10653, 10679, 10709, 10737, 10763, 10791, 10847, 10872, 10897, 10923, 10950, 9547, 9574, 9604, 9630, 9661, 9688, 9715, 9740, 9764, 9794, 9819, 9847, 9873, 9902, 9931, 9977, 10001, 10025, 10056, 10078, 10107, 10135, 10162, 10188, 10245, 11053, 11077, 11180, 11252, 11278, 11656, 12165, 10974, 11769, 11793, 11821, 11852, 11876, 11899, 11919, 11946, 11965, 11986, 12016, 12039, 12062, 12085, 12111, 12140, 12191, 12218, 12243, 12273, 11002, 11024, 11011, 11127, 11154, 11202, 11225, 11307, 11335, 11358, 11387, 11414, 11444, 11469, 11492, 11520, 11546, 11576]. Queries [11603, 11630, 11677, 11700, 11720, 11745, 12571, 12869, 12900, 12926, 12953, 12977, 13003, 12299, 13193, 13216, 13243, 13268, 13295, 13323, 13351, 13375, 13396, 13422, 13452, 13477, 13502, 13526, 13550, 13576, 13601, 13627, 13656, 13683, 12326, 12351, 12379, 12402, 12429, 12456, 12480, 12511, 12547, 12600.
84

12636, 12662, 12692, 12724, 12755, 12784, 12811, 12842, 13032, 13061, 13088,

R [3093, 3116, 3165, 3197, 3224, 3249, 3285, 3315, 3343, 3403, 3419, 3428,
4574, 4674, 4701, 4727, 4752, 4778, 4800, 4831, 4856, 4886, 4912, 4936, 4967,
5042, 4607, 4642, 5444, 4674, 4701, 4727, 4752, 4778, 4800, 4831, 4856, 4886,
3013, 2820, 3111, 3112, 2961, 4913, 4199, 5014, 4887, 4994, 3986, 3980, 5493,
6273, 5668, 6326, 8714, 8011, 8213, 8247, 8860, 10344, 9905, 10121, 11658,
13232, 13180, 415, 415, 4517, 9723, 12144, 11981]. Railroads [963, 1394, 3540, 9475]. Rails [323, 1572, 4199, 6470, 10504, 12225, 12816]. Railway [9, 16, 922, 872, 265, 1465, 1554, 2105, 2221, 1634, 2339, 2344, 1514,
2290, 1960, 2706, 3277, 2834, 2972, 3213, 3223, 3010, 3757, 3019, 3218, 3336,
3601, 3598, 2721, 5225, 4378, 4873, 4950, 4060, 4158, 4016, 4883, 4015, 5046,
3813, 6466, 6210, 6503, 6111, 6542, 6470, 6408, 6430, 6450, 6500, 6553, 6171,
6656, 7181, 7206, 6945, 6828, 7309, 7288, 7587, 7355, 7695, 7667, 7264, 7313,
7552, 6938, 7610, 6579, 6677, 6720, 6934, 8962, 7963, 8772, 8516, 8833, 8477,
8098, 8895, 10769, 10434, 10311, 10463, 10524, 10373, 9664]. Railways [10961, 11080, 12128, 11913, 11362, 11362, 11254, 13382, 13484, 12464, 13300, 12796, 12913, 13103, 13155, 13144, 425, 2735, 2687, 4259, 4287, 3838, 7980].

87
[1093, 3882, 4977]. Researches [2212, 3712, 3931, 6133, 6749, 11674].
Resemblances [662]. Reservoir [1199, 2940, 5776, 7333]. Reservoirs
[10837]. Residences [7271]. Resignation [1078, 7409, 9556]. Resistance
[1433, 3745, 3039, 4233, 9091]. Resistances [13652]. Resisted [3494].
Resonant [13514]. Resources [929, 1497, 6133, 8845, 8877, 8183, 9801, 9707].
Respect [4373, 4342, 5515, 7234]. Respiration [5767, 9647, 11762].
Respirator [6844]. Rest [3526, 4672, 8129]. Restaurant [2124].
Restoration [11995]. Restoring [12003]. Restrictions [281]. Result
[2925, 10835]. Results [2503, 2486, 4093, 5542, 5294, 7019, 9406, 9851, 9961].
Retirement [3776]. Return [5522, 9309, 9556]. Rev. [2212]. Revealed
[3773]. Revelations [6845, 7482, 5718]. Revenue [4755, 49, 3801]. Reversible
[421, 2196, 1894, 3157, 4170, 7538]. Reversing [941, 4775]. Review
[392, 1790, 4530, 4169, 5920, 6752, 7241, 8094, 10940, 12336]. Reward
[1613, 1622, 3974, 4513, 6162, 5378, 8042, 8073, 10821, 13530]. Rewarded
[695]. Reynier [12002, 13361, 13487]. Rheostat [12105, 11706, 13282].
Rheostatic [11246]. Rheumatism [4344]. Rhinoceros [11785]. Rhyme
[2787]. Ribbed [9314]. Ribbon [5446]. Rice [3006, 9858, 10987, 10480].
[26, 2079, 3214, 3756, 4519, 6313, 7292, 7431, 9119, 10599, 10985, 12006].
[810, 1744, 3536, 2997, 11844]. Ringing [13283]. Rings [11584]. Rinsing
River [635, 1792, 1547, 1809, 1403, 1271, 1674, 1408, 2409, 3769, 3092, 3524, 3269, 4151, 3895, 5572, 5346, 7807, 6896, 7583, 7050, 7953, 7952, 9369, 9636, 10371, 10338, 9767, 9743, 11471, 11815, 11310, 12081, 12855, 13427, 13663, 13483, 12817, 12670, 156, 1394, 1410, 1799, 3195, 4106, 4491, 5023, 5049, 6006, 5281, 5309, 5335, 6503, 7602, 9238, 9810, 10628, 13091]. Rivers
Riveting [1821, 2989, 5770, 7300, 8354, 9616, 13462]. Rivets [9616]. Road
[508, 1065, 318, 1075, 644, 2036, 3190, 3361, 3528, 2563, 4013, 3949, 5762, 7101, 6580, 8457, 10532, 11005, 12470, 12762, 12610, 12994]. Road-Building
[3528]. Road-Making [1075, 8457]. Road-Ways [508]. Roads
[176, 1075, 660, 1775, 11797, 11968]. Roadways [1572, 2128, 2471].
Robaugh [9804]. Robbery [3341, 12117]. Robbins [1664]. Robert
[12608, 4613, 5489, 12958]. Roberts [7540, 11522]. Robertson [7879, 9920].
Rock [3195, 8225, 10122]. Rock-Drilling [8225]. Rocking [1486, 1392, 4677].
Rockport [12134]. Rocks [1517, 9121, 10807]. Rocky [8955, 9964]. Rod
[2617, 2847, 5228, 4724, 5640, 7899, 9250, 8628, 8363, 9908, 9800, 11709, 13201].
Roderick [2250]. Rodman [1967]. Rods
Soda-Carbonating [9914]. Sodium [2272]. Soft [11859, 12354, 12344].
Softening [12562, 12704]. Soil [1536, 4202, 7554]. Soissons [922]. Solanum
[7007, 8519]. Solar [1195, 3741, 2573, 5617, 6249, 6793, 7480, 9503, 10254,
10405, 9697, 10822, 11596, 12026, 3589]. Soldering [4529, 8930]. Soldiers
[876]. Sole [11734]. Soled [6434]. Solid [508, 115, 3140, 7640, 12186, 2715].
Solidified [5820]. Solids [6145, 5750]. Solomon [7179]. Soluble
[940, 771, 1325]. Solution [1353]. Solutions [152, 1635, 10601]. Solve
[12575]. Solvent [3005]. Solvents [6492, 13404]. Some [1047, 6360, 9524,
7747, 7019, 7482, 8212, 8244, 9236, 8657, 9049, 8795, 9271, 8875, 10936,
10775, 9890, 10436, 9634, 11882, 11374, 11541, 12263, 11355, 12618, 12997,
12589, 12408, 12677, 13448, 13506, 12565, 12620, 13591, 12133, 44, 10641,
2315].
Something
[841, 298, 556, 2249, 2370, 3129, 2641, 3084, 6672, 11901, 1590, 336]. Song
[7291]. Sophora [5219]. Sorel [991, 1592, 2041]. Sound
[857, 1342, 1844, 3627, 2652, 4211, 6109, 5521, 5899, 1739]. Sounder [13025].
Sounding [606, 4962, 7822, 7558, 9475]. Soundings [894, 7361]. Sounds
[6026, 11365]. Soup [3509]. Source
[579, 4514, 5631, 7715, 7812, 8016, 8241, 13154, 4295, 4323]. Sources
[4258, 5873, 8795, 13430]. South
[2974, 5164, 9801, 12357, 1128, 1257, 972, 1016, 1036, 1080, 1105, 929, 3177,
2642, 2553, 6306, 5442, 7237, 8843, 10112, 11457, 11804, 12074, 13379, 12036].
Southern [79, 103, 131, 474, 838, 1253, 1667, 4472, 4580]. Southport [6390].
Sovereigns [6643]. Sowing [2643]. Space [7716]. Spade [669, 4888]. Spain
[895, 4038, 3862, 11830, 12642]. Spanish [187, 8590, 11758]. Spanner
[5906, 8901]. Spar [449, 624, 7160, 13156]. Sparck [2743, 7765, 9648]. Sparks
[3621, 7873, 7925, 11749]. Sparrows [10874]. Spawn [6776].
Spawn-Carrying [6776]. Spayth [7435]. Speaking [10110, 11870]. Spear
[5494]. Special [3556, 6376, 9692, 13364, 13386, 13408, 5305, 49].
Specialistic [74]. Specialty [6696]. Species [8779]. Specific
[1850, 2696, 4344, 4605, 4903, 6114, 2385, 2364]. Specification [2787].
Specifications [300, 11465]. Specimens [12948]. Spectabilis [5097].
Spectacles [2098, 12826]. Spectra [7765, 6749, 8923]. Spectroscope
[1713, 1920, 3773, 3981, 4298, 4489, 8733, 8419, 12026, 9836]. Spectroscopic
[5348, 6014]. Spectroscopy [13148]. Spectrum [4698, 5091, 8391, 10405].
Speculation [2641]. Speculations [320, 6577]. Speculative [11904].
Speech [1779, 8961, 10746, 10797]. Speed
[1322, 4262, 5740, 7515, 8596, 8907, 10041, 10724, 11087, 11839, 13054].
Speeds [9280]. Speedy [9754]. Spelman [10354]. Spelter [12287]. Sphere
[6698]. Spheres [11597]. Spherical [1073]. Spider
[6359, 11890, 12235, 12775, 13303, 897, 11351]. Spiders [1690, 8693]. Spike
[9805, 3788, 6526]. Spinal [10717]. Spindle [4500, 4483, 13568]. Spinnerets
[6539]. Spinning [7911]. Spiral [2769, 10985]. Spirit
[2698, 7431, 11498, 13176]. Spirits [1773, 2067, 5174]. Spiritual [9203].
Spiritualism [1126, 1870, 1227, 2824, 6519, 6694, 6742]. Spiritualist [9272].


6255, 7825, 8282, 10204, 10165, 9669, 11270, 11960, 11684, 12198, 12713.


106

Anonymous:1870:Ca


Anonymous:1870:BPa

REFERENCES


Anonymous:1870:BNBa


Anonymous:1870:GTB


Anonymous:1870:SML


Anonymous:1870:IHP


Anonymous:1870:FLC


Anonymous:1870:IVP

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1870:NFA


Anonymous:1870:MET


Anonymous:1870:AN


Anonymous:1870:ACb


Anonymous:1870:RAFb


Anonymous:1870:OLPb

REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:ACc


Anonymous:1870:RAFc


Anonymous:1870:AEPb


Anonymous:1870:OLPc


Anonymous:1870:Cd


Anonymous:1870:BNBd


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:WGS


Anonymous:1870:MEM


Anonymous:1870:HT


Anonymous:1870:FAR


Widemann:1870:NP


Anonymous:1870:ABC

Anonymous:1870:TEU


Anonymous:1870:RCP


Anonymous:1870:RAFg


Anonymous:1870:OLPg


Anonymous:1870:AEPe


Anonymous:1870:Ch


Anonymous:1870:BNBf


Anonymous:1870:BPh


Anonymous:1870:CSS


Joy:1870:UZ


Widemann:1870:MCSb


Reimann:1870:AGW

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:IMM


Joy:1870:CPU


Widemann:1870:PLGb


Anonymous:1870:PODb


Anonymous:1870:PTUb


Anonymous:1870:HCI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1870:COA


Anonymous:1870:USAa


Anonymous:1870:SAG


Anonymous:1870:NMMa


Anonymous:1870:PPPa


Anonymous:1870:CEPa

REFERENCES

Anonymous:1870:AEPh


Anonymous:1870:ACk


Anonymous:1870:RAFl


Anonymous:1870:PAI


Anonymous:1870:OLPl


Anonymous:1870:RFT

REFERENCES


REFERENCES

Anonymous:1870:EPa


Anonymous:1870:SRM


Anonymous:1870:PHU


Anonymous:1870:ONP


Anonymous:1870:WIL


Anonymous:1870:EPG

REFERENCES


REFERENCES


[346] Anonymous. The Darien Canal — will it pay to build it? *Scientific American*, 22(14):223, April 2, 1870. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1870:ICS


Anonymous:1870:SAa


Anonymous:1870:BAb


Anonymous:1870:HFBb


Anonymous:1870:WMc


Anonymous:1870:EUT

REFERENCES


[359] Anonymous. Mr. Bessemer’s conservatory. *Scientific American*, 22(15):231–232, April 9, 1870. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1870:BBT


Anonymous:1870:ISD


Brigham:1870:MD


Anonymous:1870:HLWa


Anonymous:1870:HWE


Anonymous:1870:DIG

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1870:TDC


Anonymous:1870:BEa


Anonymous:1870:CCa


Anonymous:1870:ETL


Anonymous:1870:RNY


Anonymous:1870:ESb


Anonymous:1870:PODd

REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:IPS


Anonymous:1870:ESc


Anonymous:1870:SICa


Anonymous:1870:KPR


Anonymous:1870:AAT


Anonymous:1870:SBIIa

REFERENCES


Anonymous:1870:BNBo


Anonymous:1870:ISF


Knapp:1870:LVMb


Anonymous:1870:MFF


Cantini:1870:CP


Anonymous:1870:DUFC

REFERENCES

Anonymous:1870:GGM


Anonymous:1870:LIN


Anonymous:1870:SVE


Anonymous:1870:SIf


Anonymous:1870:NMMb


Anonymous:1870:MH


Anonymous:1870:UFSa


Anonymous:1870:IMDb


Anonymous:1870:ESd


Anonymous:1870:ACq


Anonymous:1870:RAFr


Anonymous:1870:OLPr


Anonymous:1870:Cs


Anonymous:1870:BPv


REFERENCES


REFERENCES


REFERENCES

Anonymous:1870:IMSa

Anonymous:1870:CFM

Anonymous:1870:WRT

Winton:1870:FPL

Day:1870:BWP

Joy:1870:R
Anonymous:1870:RTF


Anonymous:1870:VS


Anonymous:1870:HMa


Anonymous:1870:HPL


Anonymous:1870:SMc


Anonymous:1870:WCP

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:OLPu


Anonymous:1870:AEPk


Anonymous:1870:Cw


Anonymous:1870:BPy


Anonymous:1870:ATP


Anonymous:1870:WEB

REFERENCES


REFERENCES

Anonymous:1870:ISHb


Anonymous:1870:DCE


Anonymous:1870:UWR


Anonymous:1870:IB


Anonymous:1870:PCT


Anonymous:1870:POAb


Anonymous:1870:BRSa

Anonymous. Beet root sugar in the United States. *Scientific American*, 22(23):369, June 4, 1870. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1870:AEP1


Anonymous:1870:ACu


Anonymous:1870:RAFv


Anonymous:1870:OLPv


Anonymous:1870:Cx


Anonymous:1870:BPz

REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:SIk


Day:1870:Sa


Anonymous:1870:ARH


Anonymous:1870:HIC


Anonymous:1870:MMmc


Anonymous:1870:PFb


Anonymous:1870:TNI


Anonymous:1870:CIE


Anonymous:1870:NMMc


Anonymous:1870:POAd


Anonymous:1870:ACw


Anonymous:1870:RAFx


Anonymous:1870:CVXa


Anonymous:1870:DEC


Anonymous:1870:DII


Anonymous:1870:CVN


Anonymous:1870:ISA


Anonymous:1870:SAN

Anonymous:1870:ESM


Anonymous:1870:RAFy


Anonymous:1870:OLPy


Anonymous:1870:ACx


Anonymous:1870:BNBr


Anonymous:1870:BPac


REFERENCES


REFERENCES

Anonymous:1870:BNBs


Anonymous:1870:LGC


Darby:1870:DS


Anonymous:1870:WEc


Day:1870:B


Anonymous:1870:WIS


REFERENCES


Anonymous. A chill room in a meat packers’ establishment. *Scientific American*, 23(3):37, July 16, 1870. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:CBA


Anonymous:1870:ACab


Anonymous:1870:RAFab


Anonymous:1870:OLPab


Anonymous:1870:AEPp


Anonymous:1870:Cac

REFERENCES

Anonymous:1870:BPaf


Anonymous:1870:PNPb


Anonymous:1870:IBT


Anonymous:1870:SD


Anonymous:1870:WSOb


Anonymous:1870:NPI


Anonymous:1870:MFd

Anonymous:1870:H

Anonymous:1870:SEWb

Anonymous:1870:HHI

Anonymous:1870:SAP

Anonymous:1870:EGC

Anonymous:1870:MBR


REFERENCES

Anonymous:1870:NDH


Anonymous:1870:ASC


Anonymous:1870:DHW


Anonymous:1870:FSB


Anonymous:1870:BSA


Anonymous:1870:NMMd

REFERENCES


Anonymous:1870:Cae


Anonymous:1870:BPah


Anonymous:1870:UWW


Anonymous:1870:GPP


Anonymous:1870:FF


Anonymous:1870:AOS


Anonymous:1870:PNG


Anonymous. Correspondence. *Scientific American*, 23(7):100–102, August 13, 1870. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES


Anonymous:1870:BNBu


Anonymous:1870:BPai


Anonymous:1870:ITT


Anonymous:1870:NB


Anonymous:1870:MDa


Day:1870:LCB

Anonymous:1870:HPS


Anonymous:1870:PMPb


Anonymous:1870:IWE


Anonymous:1870:LC


Anonymous:1870:SSa


Anonymous:1870:NDS

Anonymous:1870:AWL


Anonymous:1870:USG


Anonymous:1870:WDN


Steele:1870:CAM


Anonymous:1870:CAAb


Anonymous:1870:SIR

REFERENCES


Anonymous:1870:ISS


Anonymous:1870:AFB


Day:1870:OGT


Anonymous:1870:SRV


Piesse:1870:SPF


Anonymous:1870:IWU


Anonymous:1870:SIs


Anonymous:1870:ACag


Anonymous:1870:RAFag


Anonymous:1870:AEPt


Anonymous:1870:OLPag


Anonymous:1870:Cah

REFERENCES

Anonymous:1870:BPak


Anonymous:1870:BNBv


Anonymous:1870:SEM


Anonymous:1870:SSD


Anonymous:1870:MLb


Day:1870:MLT

Anonymous: 1870: SGW


Anonymous: 1870: TTF


Anonymous: 1870: DCA


Anonymous: 1870: MIC


Anonymous: 1870: USAb


Anonymous: 1870: EAU

REFERENCES


[819] Anonymous. Death of Professor Palmstedt. *Scientific American*, 23(9):136, August 27, 1870. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1870:SIu


Anonymous:1870:AAAa


Anonymous:1870:ACah


Anonymous:1870:RAFah


Anonymous:1870:OLPah


Anonymous:1870:AEPu

REFERENCES

Anonymous:1870:Cai

Anonymous:1870:BNBw

Anonymous:1870:BPal

Anonymous:1870:IDM

Marten:1870:SBI

Anonymous:1870:APa


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:ACak


Anonymous:1870:RAFak


Anonymous:1870:OLPak


Anonymous:1870:Cal


Anonymous:1870:BPao


Anonymous:1870:BNBy

Anonymous:1870:ISSb


Anonymous:1870:HFM


Anonymous:1870:DSEa


Anonymous:1870:ADS


Anonymous:1870:IWC


Day:1870:Sc

REFERENCES


Anonymous:1870:AEPv


Anonymous:1870:ACal


Anonymous:1870:RAFal


Anonymous:1870:OLPal


Anonymous:1870:Cam


Anonymous:1870:BNBz

REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:OLPam


Anonymous:1870:Can


Anonymous:1870:BNBaa


Anonymous:1870:BPaq


Anonymous:1870:BFR


Anonymous:1870:IAPa


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1870:Caq


Anonymous:1870:BNBab


Anonymous:1870:BPas


Anonymous:1870:IAT


Anonymous:1870:IDS


Anonymous:1870:EI


Anonymous:1870:SCc


Anonymous:1870:EAD


Anonymous:1870:ASS


Anonymous:1870:PMC


Anonymous:1870:PDH


Anonymous:1870:SIy

Anonymous:1870:FAIe


Anonymous:1870:AEPy


Anonymous:1870:ACap


Anonymous:1870:RAFap


Anonymous:1870:OLPap


Anonymous:1870:Car

REFERENCES


[1007] Anonymous. The art of tying knots. *Scientific American*, 23(18):275, October 29, 1870. CODEN SCAMAC. ISSN 0036-
Anonymous:1870:MFCa


Anonymous:1870:EPb


Anonymous:1870:CSC


Anonymous:1870:CSH


Anonymous:1870:MWF


Anonymous:1870:CFAa

REFERENCES


REFERENCES


Anonymous:1870:DSEb


Anonymous:1870:IE


Prescott:1870:AT


Gordon:1870:SU


Anonymous:1870:CFAb


Anonymous:1870:TIM


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1870:Cav


Anonymous:1870:BPax


Anonymous:1870:BNBaf


Anonymous:1870:IISa


Tyndall:1870:SUIc


Lewis:1870:NMA


REFERENCES


REFERENCES

[1104] Anonymous. Application of Ruhmkorff’s induction coil to the copy-


REFERENCES


[1128] Anonymous. Letters from the south. *Scientific American*, 23(23):361, December 3, 1870. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1870:GBP


Anonymous:1870:FPP


Anonymous:1870:SIad


Anonymous:1870:BAd


Anonymous:1870:Qd


Anonymous:1870:ACav

REFERENCES

Anonymous:1870:RAFaw


Anonymous:1870:OLPaw


Anonymous:1870:Cay


Anonymous:1870:BNBai


Anonymous:1870:Id


Anonymous:1870:BPaaa

REFERENCES


REFERENCES


Anonymous:1870:HVM


Anonymous:1870:CVXb


Anonymous:1870:RSSb


Anonymous:1870:SMAb


Anonymous:1870:RMC


Anonymous:1870:BAe

Anonymous:1870:TS

Anonymous:1870:RAFax

Anonymous:1870:OLPax

Anonymous:1870:AEPab

Anonymous:1870:ACaw

Anonymous:1871:Ca
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1871:BAb


Anonymous:1871:Qb


Anonymous:1871:ACb


Anonymous:1871:AEPa


Anonymous:1871:RAFb


Anonymous:1871:OLPb

Anonymous:1871:CC


Anonymous:1871:BNBa


Anonymous:1871:BPCc


Anonymous:1871:ICPa


Anonymous:1871:SNC


Anonymous:1871:WSa


Anonymous:1871:TM

Anonymous:1871:PMc

Anonymous:1871:ASDa

Anonymous:1871:IHPa

Anonymous:1871:PPH

Anonymous:1871:MIWa

Anonymous:1871:NCPa


Anonymous:1871:BNBb


Anonymous:1871:WPV


Anonymous:1871:X


Anonymous:1871:TSa


Anonymous:1871:IDG


Anonymous:1871:PMc


Anonymous:1871:WSF


Anonymous:1871:ITa

Anonymous:1871:PHB

Anonymous:1871:ST

Anonymous:1871:IDF

Anonymous:1871:FFA

Anonymous:1871:WOM
REFERENCES

Anonymous:1871:RM


Anonymous:1871:AGW


Anonymous:1871:USSa


Anonymous:1871:NCPb


Anonymous:1871:VLV


Anonymous:1871:PFIa

REFERENCES


REFERENCES


Anonymous:1871:BNBc

Anonymous:1871:PNPb

Anonymous:1871:IVP

Anonymous:1871:OEH

Anonymous:1871:RFW

Anonymous:1871:CT


Anonymous:1871:CVF


Anonymous:1871:IICa


Anonymous:1871:NU


Anonymous:1871:RL


Anonymous:1871:NYPa


Anonymous:1871:PPa

Anonymous:1871:OHB


Anonymous:1871:Qd


Anonymous:1871:ACe


Anonymous:1871:AEPc


Anonymous:1871:RAFe


Anonymous:1871:OLPe


REFERENCES


REFERENCES


Anonymous:1871:SG


Anonymous:1871:TSM


Anonymous:1871:UH


Anonymous:1871:SVC


Anonymous:1871:EEa


Anonymous:1871:PPb


Anonymous. Recent American and foreign patents. *Scientific American*, 24(6):91, February 4, 1871. CODEN SCAMAC. ISSN 0036-
Anonymous:1871:WVP


Anonymous:1871:IB


Anonymous:1871:LFI


Anonymous:1871:PMh


Anonymous:1871:ICF


Anonymous:1871:PSa


REFERENCES


REFERENCES


Anonymous:1871:PMi


Anonymous:1871:KM


Anonymous:1871:OMW


Anonymous:1871:SCM


Anonymous:1871:EDC


Anonymous:1871:UA

REFERENCES


[Anonymous:1871:ACDa]


[Anonymous:1871:ARC]


[Anonymous:1871:NPLa]


[Anonymous:1871:ACi]


[Anonymous:1871:Qg]


[Anonymous:1871:RAFh]
REFERENCES


Anonymous:1871:PPe


Anonymous:1871:FAR


Anonymous:1871:ABN


Anonymous:1871:OG


Anonymous:1871:DRa


Anonymous:1871:Pb


Anonymous:1871:PMj


Anonymous:1871:LGW


Anonymous:1871:RGD


Anonymous:1871:PPEa


Anonymous:1871:ILA


Anonymous:1871:HIB


Anonymous:1871:PFIb

REFERENCES


REFERENCES


REFERENCES


Anonymous:1871:DPO


Anonymous:1871:GBM


Anonymous:1871:NGRa


Anonymous:1871:AEE


Anonymous:1871:PFL


Anonymous:1871:LC

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1871:BPl


Anonymous:1871:IICb


Anonymous:1871:OGO


Anonymous:1871:KS


Anonymous:1871:PWC


Anonymous:1871:IWT

Anonymous:1871:BCT


Anonymous:1871:BTa


Anonymous:1871:RRb


Andrews:1871:SC


Anonymous:1871:CTR


Anonymous:1871:SID


Anonymous:1871:BVM

[1488] Anonymous. Barnes’ ventilator for mattresses, etc. *Scientific American*, 24(12):182, March 18, 1871. CODEN SCAMAC. ISSN 0036-
Anonymous:1871:STA


Anonymous:1871:SP


Anonymous:1871:RTT


Anonymous:1871:CSH


Anonymous:1871:MAN


Anonymous:1871:RJG

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Day:1871:LM


Anonymous:1871:ET


Anonymous:1871:DCT


Anonymous:1871:CPH


Anonymous:1871:WBA


Anonymous:1871:WNY


Anonymous:1871:SER


Anonymous:1871:CNY


Anonymous:1871:MLa


Anonymous:1871:WNO


Anonymous:1871:DD


Anonymous:1871:ON


Anonymous:1871:SIf

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1871:BPp


Anonymous:1871:BNBj


Anonymous:1871:IEc


Anonymous:1871:CSa


Sellers:1871:TPC


Bailey:1871:SAS


Day:1871:CIT


Anonymous. Queries. *Scientific American*, 24(18):282, April 29, 1871. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087...
REFERENCES


Anonymous:1871:SBS


Anonymous:1871:CEa


Anonymous:1871:ISBb


Anonymous:1871:OHTb


Anonymous:1871:RHG


REFERENCES


Anonymous:1871:SH


Anonymous:1871:MKI


Anonymous:1871:GKP


Anonymous:1871:ITW


Anonymous:1871:ECb


Anonymous:1871:PDW


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1871:CTN


VanderWeyde:1871:FCM


Anonymous:1871:SLb


Anonymous:1871:CEb


Anonymous:1871:ECNa


Anonymous:1871:HLE

REFERENCES


REFERENCES


Anonymous:1871:PCC

Anonymous:1871:PEMb

Anonymous:1871:NSP

Anonymous:1871:DI

Anonymous:1871:MEb

Anonymous:1871:SECa

Anonymous:1871:PCSb
REFERENCES


REFERENCES

Anonymous:1871:OLPv


Anonymous:1871:AEPo


Anonymous:1871:Cac


Anonymous:1871:BPw


Anonymous:1871:BNBn


Anonymous:1871:MTE


Anonymous:1871:SPC

Anonymous:1871:YIH


Anonymous:1871:ASCb


Anonymous:1871:MVE


Anonymous:1871:MT


Anonymous:1871:TCM


Anonymous:1871:ISLb

REFERENCES


Anonymous:1871:GSb


Anonymous:1871:KAI


Anonymous:1871:Qv


Anonymous:1871:ACy


Anonymous:1871:RAFw


Anonymous:1871:AEPp


REFERENCES


REFERENCES

scientificamerican/journal/v25/n1/pdf/scientificamerican07011871-6c.pdf.

Anonymous:1871:PID


Anonymous:1871:JHE


Anonymous:1871:EGW


Anonymous:1871:ECE


Anonymous:1871:LRa


Anonymous:1871:MST

Anonymous:1871:CBB


Anonymous:1871:Slo


Anonymous:1871:KPE


Anonymous:1871:NGRb


Anonymous:1871:Qx


Anonymous:1871:ACaa


Anonymous:1871:AEPq


REFERENCES


Anonymous:1871:CLW


Anonymous:1871:MPS


Anonymous:1871:EFC


Anonymous:1871:HBM


Anonymous:1871:COC


Anonymous:1871:SECb


Anonymous:1871:BMP

Anonymous. Buildings for manufacturing purposes. *Scientific American*, 25(2):24, July 8, 1871. CODEN SCAMAC. ISSN 0036-


Anonymous:1871:AEPr


Anonymous:1871:OLPz


Anonymous:1871:PHIa


Anonymous:1871:Cag


Anonymous:1871:BPaa


Anonymous:1871:IGH


Anonymous:1871:EBOb


Anonymous:1871:CCa


Anonymous:1871:CDa


Anonymous:1871:PAM


Anonymous:1871:INH


Anonymous:1871:SIp


Anonymous:1871:ESc


Anonymous:1871:ACac

REFERENCES


REFERENCES

Anonymous:1871:BPab


Anonymous:1871:ESE


Anonymous:1871:DMHa


Anonymous:1871:EBOc


Anonymous:1871:KVE


Anonymous:1871:FIM

REFERENCES


Anonymous:1871:PN

Anonymous:1871:PTD

Anonymous:1871:NLP

Anonymous:1871:ESd

Anonymous:1871:ACad

Anonymous:1871:AEPt
REFERENCES


Anonymous:1871:DMHb


Anonymous:1871:NMM


Anonymous:1871:CWC


Anonymous:1871:BHQ


Anonymous:1871:RI


Anonymous:1871:BDF


REFERENCES

Anonymous:1871:OLPab


Anonymous:1871:AEPu


Anonymous:1871:Caj


Anonymous:1871:BPad


Anonymous:1871:SALa


Anonymous:1871:TFS


Anonymous:1871:PLR


Anonymous:1871:VNY


Anonymous:1871:FIF


Anonymous:1871:LRb


Anonymous:1871:EMb


Anonymous:1871:SIs

Anonymous:1871:PPL


Anonymous:1871:ECSb


Anonymous:1871:CCb


Anonymous:1871:ACaf


Anonymous:1871:Qac


Anonymous:1871:RAFad

Anonymous:1871:OLPac


Anonymous:1871:AEPv


Anonymous:1871:Cak


Anonymous:1871:BNBr


Anonymous:1871:BPae


Anonymous:1871:NPO


Anonymous:1871:EBOe


REFERENCES

Anonymous:1871:VB


Anonymous:1871:DCPa


Anonymous:1871:LGR


Anonymous:1871:GSW


Anonymous:1871:WGE


Anonymous:1871:NAO

Anonymous:1871:NGR


Anonymous:1871:WE


Anonymous:1871:HSM


Anonymous:1871:ALU


Anonymous:1871:RAD


Anonymous:1871:OE

REFERENCES


Anonymous:1871:BPaf


Anonymous:1871:FCa


Anonymous:1871:HBC


Anonymous:1871:ELM


Anonymous:1871:WSc


Anonymous:1871:WHW


Anonymous:1871:AFA


Anonymous:1871:PAB


Anonymous:1871:EOB


Anonymous:1871:NBPc


Anonymous:1871:IECa


Anonymous:1871:NIS

Anonymous:1871:ACah


Anonymous:1871:Qae


Anonymous:1871:RAFaf


Anonymous:1871:OLPae


Anonymous:1871:Can


Anonymous:1871:BPag


Anonymous:1871:BNBs


Anonymous. Adjustable tension razor strop. *Scientific American*, 25(9):134, August 26, 1871. CODEN SCAMAC. ISSN 0036-
Anonymous: 1871: WEV


Anonymous: 1871: SIPa


Anonymous: 1871: RSB


Anonymous: 1871: OD


Anonymous: 1871: NWM


Anonymous: 1871: IMP

REFERENCES


REFERENCES


REFERENCES


Anonymous:1871:GAP


Anonymous:1871:SIu


Anonymous:1871:ESg


Anonymous:1871:ACaj


Anonymous:1871:Qag


Anonymous:1871:RAFah

REFERENCES


Morris:1871:S


Anonymous:1871:RPI


Anonymous:1871:OL


Anonymous:1871:JFI


Anonymous:1871:SD


Anonymous:1871:WRT


Anonymous:1871:LPP


Anonymous:1871:OLPah


Anonymous:1871:Caq


Anonymous:1871:BPaj


Anonymous:1871:JTB


Anonymous:1871:JDJ


Anonymous:1871:FBS


Anonymous:1871:LPC


Anonymous:1871:ONb


Anonymous:1871:SIv


Anonymous:1871:ACal


Anonymous:1871:Qai


Anonymous:1871:RAFaj


Anonymous:1871:OLPai

Anonymous:1871:Car


Anonymous:1871:BPak


Anonymous:1871:FEA


Anonymous:1871:LMS


Anonymous:1871:IPDb


Anonymous:1871:APA

REFERENCES


Anonymous:1871:BAW


Anonymous:1871:PGC


Anonymous:1871:AMP


Anonymous:1871:WCPa


Anonymous:1871:DME


Anonymous:1871:MHN


Anonymous:1871:FET


Anonymous:1871:IECc


Anonymous:1871:FAIb


Anonymous:1871:ACam


Anonymous:1871:Qaj


Anonymous:1871:AEPaa

REFERENCES


Anonymous:1871:CDB


Anonymous:1871:CICB


Anonymous:1871:TMRa


Anonymous:1871:WCPb


Anonymous:1871:ECM


Anonymous:1871:PIL

REFERENCES


Anonymous:1871:BNBv


Anonymous:1871:BHO


Anonymous:1871:SRM


Anonymous:1871:NAW


Anonymous:1871:BPBa


Anonymous:1871:WPD


REFERENCES

Anonymous:1871:FAId


Anonymous:1871:ZWP


Anonymous:1871:Qal


Anonymous:1871:ACao


Anonymous:1871:AEPab


Anonymous:1871:PHIc

Anonymous:1871:RAFan


Anonymous:1871:OLPam


Anonymous:1871:SAFa


Anonymous:1871:Caw


Anonymous:1871:BPRa


Anonymous:1871:BPao


REFERENCES


REFERENCES


REFERENCES

460


Draper:1871:LU


Anonymous:1871:ACap


Anonymous:1871:Qam


Anonymous:1871:OLPan


Anonymous:1871:Cax


Anonymous:1871:BPap
Anonymous:1871:PMAb


Anonymous:1871:LRW


Fleming:1871:HS


Anonymous:1871:PMJa


Anonymous:1871:ASS


Anonymous:1871:LBE

REFERENCES


REFERENCES

Anonymous:1871:Cay

Anonymous:1871:EMd

Anonymous:1871:FAIf

Anonymous:1871:Sly

Anonymous:1871:FSI

Anonymous:1871:ACaq
REFERENCES


REFERENCES

Anonymous:1871:CSBb

Anonymous:1871:BIO

Anonymous:1871:CMB

Anonymous:1871:DFM

Anonymous:1871:FBb

Anonymous:1871:LTB
REFERENCES


REFERENCES


REFERENCES

Anonymous:1871:Qap


Anonymous:1871:ACas


Anonymous:1871:AEPaf


Anonymous:1871:RAFaq


Anonymous:1871:OLPaq


Anonymous:1871:Caab

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1871:SMR


Anonymous:1871:RPSb


Anonymous:1871:CEPb


Anonymous:1871:CWW


Anonymous:1871:NCPe


Draper:1871:AMB

478

REFERENCES


VanderWeyde:1871:SRP


Anonymous:1871:RBM


Anonymous:1871:SIFa


Anonymous:1871:QDa


Anonymous:1871:HI


Anonymous:1871:MAL

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1871:PAH


Anonymous:1871:BPau


Anonymous:1871:ACav


Anonymous:1871:Qas


Anonymous:1871:RAFat


Anonymous:1871:OLPat

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1871:MASb


Anonymous:1871:CBc


Anonymous:1871:MRT


Anonymous:1871:MPW


Anonymous:1871:AMM


Anonymous:1871:SE

REFERENCES


Anonymous:1872:Ca


Anonymous:1872:BPa


Anonymous:1872:NQa


Anonymous:1872:PNPa


Anonymous:1872:PLA


Anonymous:1872:ESV


Anonymous:1872:SCT

REFERENCES


REFERENCES

Anonymous:1872:EE


Anonymous:1872:MCF


Anonymous:1872:LSM


Anonymous:1872:SRb


Anonymous:1872:SlA


Anonymous:1872:PDa

REFERENCES


REFERENCES


Anonymous:1872:NQb


Anonymous:1872:BPb


Anonymous:1872:BNBa


Anonymous:1872:SVF


Anonymous:1872:CMa


Anonymous:1872:KIN

Anonymous:1872:HCTa


Anonymous:1872:PIL


VanderWeyde:1872:LHD


Anonymous:1872:SAMa


Anonymous:1872:STC


Anonymous:1872:BSA

REFERENCES


Anonymous:1872:SIB


Anonymous:1872:AEPb


Anonymous:1872:ACb


Anonymous:1872:RAFb


Anonymous:1872:CSb


Anonymous:1872:OLPb

REFERENCES


Anonymous:1872:AFa


Anonymous:1872:AMM


Anonymous:1872:AEE


Anonymous:1872:LCF


Anonymous:1872:CSc


Anonymous:1872:AEPc

REFERENCES

Anonymous:1872:ACc


Anonymous:1872:RAFc


Anonymous:1872:Cd


Anonymous:1872:BNBc


Anonymous:1872:BPd


Anonymous:1872:NQd


Anonymous:1872:Ib

REFERENCES


REFERENCES

Anonymous:1872:LJF


Anonymous:1872:TCD


Anonymous:1872:SB


Anonymous:1872:PAa


Anonymous:1872:PFE


Anonymous:1872:SPIa


Anonymous:1872:CSd

Anonymous:1872:ACd


Anonymous:1872:RAFd


Anonymous:1872:Ce


Anonymous:1872:BNBd


Anonymous:1872:BPe


Anonymous:1872:NQe


Anonymous:1872:ESa


Anonymous:1872:BSCa


Anonymous:1872:FSP


Anonymous:1872:HVB


Anonymous:1872:AIM


Anonymous:1872:WDW


Anonymous:1872:PW

REFERENCES


REFERENCES


Anonymous:1872:IWVa


Anonymous:1872:AAR


Anonymous:1872:IBH


Anonymous:1872:HSIa


Anonymous:1872:ARC


Anonymous:1872:HGB


REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:SPIId


Anonymous:1872:ESb


Anonymous:1872:NSW


Anonymous:1872:WYFb


Anonymous:1872:ACg


Anonymous:1872:RAFg

Anonymous:1872:HSIb


Anonymous:1872:Ch


Anonymous:1872:BPh


Anonymous:1872:NQh


Anonymous:1872:IIf


Anonymous:1872:BNBg


Anonymous:1872:IHPa

REFERENCES


Anonymous:1872:MSA

Anonymous:1872:GIW

Anonymous:1872:QGA

Anonymous:1872:HBSb

Anonymous:1872:SOVa

Anonymous:1872:III


Anonymous:1872:IHPb


Anonymous:1872:MSS


Anonymous:1872:LTB


Anonymous:1872:CSSa


Anonymous:1872:PCC


Anonymous:1872:RSP

Anonymous:1872:EMTa


Anonymous:1872:PODa


Anonymous:1872:SSH


Anonymous:1872:SOVb


Anonymous:1872:SSR


Anonymous:1872:CSG


REFERENCES

Anonymous:1872:TWS


Anonymous:1872:PIMa


Anonymous:1872:REa


Anonymous:1872:MPC


Anonymous:1872:PP


Anonymous:1872:CPE

REFERENCES


REFERENCES


REFERENCES

Anonymous:1872:IPS


Anonymous:1872:SMTa


Anonymous:1872:IPCa


Anonymous:1872:CSBa


Anonymous:1872:MCa


Anonymous:1872:SAMb

REFERENCES

Anonymous:1872:LWW


Anonymous:1872:BIS


Anonymous:1872:SCa


Anonymous:1872:BSUa


Anonymous:1872:DSH


Anonymous:1872:AOP

REFERENCES


REFERENCES

Anonymous:1872:YEE

Anonymous:1872:PPD

Anonymous:1872:IG

Anonymous:1872:JIP

Anonymous:1872:MEL

Draper:1872:MMT


REFERENCES


REFERENCES


Anonymous:1872:CRS


Anonymous:1872:BMB


Anonymous:1872:NBa


Anonymous:1872:PSE


Anonymous:1872:REb


Anonymous:1872:HWR


Anonymous:1872:EMTb


Anonymous:1872:PFa


Anonymous:1872:LVH


Anonymous:1872:ACn


Anonymous:1872:RAFm


Anonymous:1872:Co


Anonymous:1872:BNBk

Anonymous:1872:BPn


Anonymous:1872:NQn


Anonymous:1872:IIm


Anonymous:1872:MTS


Anonymous:1872:MBPa


Anonymous:1872:GM

REFERENCES


REFERENCES


Anonymous:1872:GRN


Anonymous:1872:SPIk


Anonymous:1872:MDF


Anonymous:1872:BSS


Anonymous:1872:RAI


Anonymous:1872:MOS

REFERENCES


REFERENCES


Anonymous:1872:PSJ


Leach:1872:DHCa


Anonymous:1872:POC


Wicklin:1872:FGa


Anonymous:1872:SAMc


Anonymous:1872:VPI


Anonymous:1872:BNBm


Anonymous:1872:BPp


Anonymous:1872:NQp


Anonymous:1872:Ilo


Anonymous:1872:IMP


Anonymous:1872:RWI


Anonymous:1872:DCN

REFERENCES

Anonymous:1872:BBI


Anonymous:1872:FNT


Anonymous:1872:MVR


Leach:1872:DHCb


Anonymous:1872:HV


Anonymous:1872:ISL

REFERENCES

Anonymous:1872:CCI


Wicklin:1872:FGb


Anonymous:1872:SPIm


Anonymous:1872:UF


Anonymous:1872:PCRa


Anonymous:1872:GSM

REFERENCES

[Anonymous:1872:SMTb]


[Anonymous:1872:DSF]


[Anonymous:1872:SAS]


[Anonymous:1872:TUT]


[Anonymous:1872:LRa]


[Anonymous:1872:ACq]


[Anonymous:1872:RAFp]

REFERENCES


Anonymous:1872:Cq


Anonymous:1872:BPq


Anonymous:1872:NQq


Anonymous:1872:BNBn


Anonymous:1872:IIp


Anonymous:1872:ETR

Anonymous:1872:EMTc


Anonymous:1872:ITM


Anonymous:1872:PMa


Anonymous:1872:SPIn


Anonymous:1872:CLR


Wicklin:1872:FGc


Anonymous:1872:MCS


REFERENCES


REFERENCES


[2860] Horatio N. Fraser. On cotton seeds. *Scientific American*, 26 (18):273–275, April 27, 1872. CODEN SCAMAC. ISSN 0036-


REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:DSM


Anonymous:1872:CSMa


Anonymous:1872:PAV


Anonymous:1872:AWM


Anonymous:1872:SIV


Anonymous:1872:CTE

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:NH


Anonymous:1872:CLL


Anonymous:1872:RP


Anonymous:1872:ECC


Anonymous:1872:HCN


Anonymous:1872:IPa


Anonymous:1872:BH


Anonymous:1872:THP


Anonymous:1872:DIN


Anonymous:1872:ACw


Anonymous:1872:RAFv

REFERENCES


REFERENCES


Anonymous. Projectile for firearms. *Scientific American*, 26(23):366, June 1, 1872. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
Anonymous:1872:FWA


Anonymous:1872:GMJ


Anonymous:1872:GRCb


Anonymous:1872:TFU


Anonymous:1872:IPRa


Anonymous:1872:SPIr


Anonymous:1872:RD


Anonymous:1872:SEW


Anonymous:1872:PPPa


Anonymous:1872:DCc


Anonymous:1872:SPC


Anonymous:1872:EHW


Anonymous:1872:IGC


REFERENCES


Anonymous:1872:IWVb


Anonymous:1872:NDR


Anonymous:1872:VBG


Anonymous:1872:CCCa


Anonymous:1872:NRB


Anonymous:1872:BMC

REFERENCES

Anonymous:1872:DB

Anonymous:1872:DR

Anonymous:1872:MTO

Anonymous:1872:EHS

Anonymous:1872:PRB

Anonymous:1872:ISBa

Anonymous:1872:HPCa
[3021] Anonymous. How paper collars are made. Scientific American, 26(25):400, June 15, 1872. CODEN SCAMAC. ISSN 0036-


REFERENCES


REFERENCES

Anonymous:1872:SKL

Anonymous:1872:PLc

Gladstone:1872:CSG

Anonymous:1872:NSC

Anonymous:1872:NPLa

Anonymous:1872:PEHa

Anonymous:1872:WPFa
[3047] Anonymous. Weight, pressure, force, power, work. *Scientific American*, 26(26):415, June 22, 1872. CODEN SCAMAC. ISSN 0036-
Anonymous:1872:RGP


Anonymous:1872:RAFz


Anonymous:1872:NPLb


Anonymous:1872:Cy


Anonymous:1872:BPab


Anonymous:1872:NQaa

REFERENCES

Anonymous:1872:ISH


Anonymous:1872:SWC


Anonymous:1872:LBE


Anonymous:1872:DS


Anonymous:1872:MMI


Anonymous:1872:HH


Anonymous:1872:NOL

REFERENCES


REFERENCES

Anonymous:1872:MT


Anonymous:1872:SPlt


Anonymous:1872:GWb


Anonymous:1872:ACaa


Anonymous:1872:NPLc


Anonymous:1872:RAFa

REFERENCES

Anonymous:1872:Cz

Anonymous:1872:BPac

Anonymous:1872:NQab

Anonymous:1872:IHy

Anonymous:1872:BNBu

Anonymous:1872:ICB

Anonymous:1872:PMI
REFERENCES

Anonymous:1872:CTM


Anonymous:1872:PFCa


Anonymous:1872:MIb


Anonymous:1872:SAP


Anonymous:1872:EBT


Anonymous:1872:IEb


Anonymous:1872:CHPa


REFERENCES


REFERENCES

602


REFERENCES

Anonymous:1872:CWa


Anonymous:1872:BME


Anonymous:1872:GGD


Anonymous:1872:PFd


Anonymous:1872:RCB


Anonymous:1872:RR


Anonymous:1872:DT

Anonymous:1872:SHV


Anonymous:1872:NPLe


Anonymous:1872:LPRb


Anonymous:1872:ACac


Anonymous:1872:RAFac


Anonymous:1872:Cac

REFERENCES


Anonymous:1872:SM


Anonymous:1872:HC


Anonymous:1872:TO


Anonymous:1872:NCR


Anonymous:1872:OSL


Anonymous:1872:EEH


Anonymous:1872:PHTa

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:MBa


Anonymous:1872:PHS


Anonymous:1872:POG


Anonymous:1872:AFc


Anonymous:1872:BMG


Anonymous:1872:ISI


Anonymous. Scientific and practical information. *Scientific American*, 27(6):89, August 10, 1872. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1872:ACag


Anonymous:1872:RAFaf


Anonymous:1872:NPLh


Anonymous:1872:Caf


Anonymous:1872:BPah


Anonymous:1872:NQag

REFERENCES

Anonymous:1872:BNBy


Anonymous:1872:IIad


Anonymous:1872:EIM


Anonymous:1872:HKO


Anonymous:1872:SH


Anonymous:1872:Sg


Anonymous:1872:MBb

REFERENCES

Anonymous:1872:NES

Anonymous:1872:IRSa

Anonymous:1872:IRR

Anonymous:1872:AK

Anonymous:1872:PLd

Anonymous:1872:Pff


REFERENCES

Anonymous:1872:ACai


Anonymous:1872:DAS


Anonymous:1872:BBa


Anonymous:1872:NWF


Anonymous:1872:FLb


Anonymous:1872:SCM


REFERENCES 625

Anonymous:1872:MIc


Anonymous:1872:ACaj


Anonymous:1872:RAFah


Anonymous:1872:NPLj


Anonymous:1872:Cah


Anonymous:1872:BNBaa

REFERENCES

Anonymous:1872:BPaj


Anonymous:1872:NQai


Anonymous:1872:IIaf


Anonymous:1872:INM


Anonymous:1872:REe


Anonymous:1872:MFC


Anonymous:1872:HMC

[3262] Anonymous. How to make a cheap hydrogen lamp. *Scientific American*, 27(9):130, August 31, 1872. CODEN SCAMAC. ISSN 0036-
Anonymous:1872:LSB

Anonymous:1872:MP

Anonymous:1872:SPS

Anonymous:1872:GAL

Anonymous:1872:TMa

Anonymous:1872:IEV
REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1872:DIM


Anonymous:1872:HBB


Anonymous:1872:BBb


Anonymous:1872:GUP


Anonymous:1872:AHb


Anonymous:1872:MId

REFERENCES


Anonymous:1872:LSC


Anonymous:1872:RT


Anonymous:1872:MV


Anonymous:1872:SPIy


Anonymous:1872:LPRh


Anonymous:1872:ACal

Anonymous:1872:RAFaj


Anonymous:1872:PHIa


Anonymous:1872:FPHa


Anonymous:1872:NPLl


Anonymous:1872:Caj


Anonymous:1872:BPal


REFERENCES


Anonymous:1872:RRJ


Anonymous:1872:TMc


Anonymous:1872:SAMe


Anonymous:1872:SSa


Anonymous:1872:RAP


Anonymous:1872:AR

REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:ASM


Anonymous:1872:CIE


Anonymous:1872:MBAa


Anonymous:1872:OAI


Anonymous:1872:AAAb


Anonymous:1872:TV

Anonymous. Table of velocities. *Scientific American*, 27(12):184–185, September 21, 1872. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1872:Cam


Anonymous:1872:BPan


Anonymous:1872:NQam


Anonymous:1872:IIaj


Anonymous:1872:BNBad


Anonymous:1872:CRAa

REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:FPHd


Anonymous:1872:Can


Anonymous:1872:BPao


Anonymous:1872:NQan


Anonymous:1872:IIak


Anonymous:1872:CFA


Anonymous:1872:IFR

Anonymous:1872:GPSa


Anonymous:1872:SPIab


Anonymous:1872:SHB


Anonymous:1872:WRT


Anonymous:1872:LPRk


Anonymous:1872:ICP

REFERENCES


Anonymous:1872:PRH


Anonymous:1872:POIb


Anonymous:1872:CCDb


Anonymous:1872:ACap


Anonymous:1872:CRb


Anonymous:1872:RAFan

REFERENCES


REFERENCES


Anonymous:1872:D


Anonymous:1872:MSI


Anonymous:1872:AHD


Anonymous:1872:EHK


Anonymous:1872:FAIb


Anonymous:1872:CPf


Anonymous:1872:ACaq

Anonymous:1872:RAFao


Anonymous:1872:PHIe


Anonymous:1872:Id


Anonymous:1872:Cap


Anonymous:1872:BPaq


Anonymous:1872:NQap

REFERENCES


REFERENCES

Anonymous:1872:NMP


Anonymous:1872:PMS


Anonymous:1872:LIEa


Anonymous:1872:BVEb


Anonymous:1872:ATE


Anonymous:1872:IWa


REFERENCES


REFERENCES

Anonymous:1872:DMW


Anonymous:1872:VEB


Anonymous:1872:NLA


Anonymous:1872:ISG


Anonymous:1872:RHF


Anonymous:1872:ML


Anonymous. Practical hints to inventors. *Scientific American*, 27(17):268, October 26, 1872. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES

Anonymous:1872:PAb


Anonymous:1872:HWE


Anonymous:1872:CPW


Anonymous:1872:ITR


Anonymous:1872:CNC


Anonymous:1872:RBC

REFERENCES

Anonymous:1872:PTF


Anonymous:1872:HPCb


Anonymous:1872:MSM


Anonymous:1872:MIf


Anonymous:1872:NMSb


Anonymous:1872:PCAb

REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:EHF


Anonymous:1872:CCH


Anonymous:1872:IGB


Anonymous:1872:FIW


Anonymous:1872:PCAc


Anonymous:1872:MPE


REFERENCES


REFERENCES


REFERENCES

Anonymous:1872:TMe


Anonymous:1872:UWG


Anonymous:1872:OCC


Anonymous:1872:ICc


Anonymous:1872:RSc


Anonymous:1872:PCM

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1872:Cav


Anonymous:1872:BPav


Anonymous:1872:NQat


Anonymous:1872:IHar


Anonymous:1872:UBM


Anonymous:1872:Ij

Anonymous:1872:HML


Anonymous:1872:IMH


Anonymous:1872:AES


Anonymous:1872:ITL


Anonymous:1872:ABD


Anonymous:1872:NDC

Anonymous:1872:DPO


Anonymous:1872:LIEb


Anonymous:1872:DHT


Anonymous:1872:COY


Anonymous:1872:LDP


Anonymous:1872:IMS

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>
| [3643] Anonymous. The institution of civil engineers. *Scientific American*, 27(22):336, November 30, 1872. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1872:NPLp


Anonymous:1872:SMPb


Anonymous:1872:RMS


Anonymous:1872:STd


Anonymous:1872:SPIaf


Anonymous:1872:ISEEd


REFERENCES


Anonymous:1872:DHG


Anonymous:1872:ESI


Anonymous:1872:CLa


Anonymous:1872:NIH


Anonymous:1872:ISPb


Anonymous:1872:HMP

REFERENCES


Anonymous:1872:ACaz


Anonymous:1872:RAFax


Anonymous:1872:VPHc


Anonymous:1872:PCRd


Anonymous:1872:Caz


Anonymous:1872:PNPd


Anonymous:1872:BNBal

Anonymous:1872:BPaz


Anonymous:1872:NQax


Anonymous:1872:IIav


Anonymous:1872:SEE


Anonymous:1872:PMV


Anonymous:1872:CSR


Anonymous:1872:BCB


Anonymous:1872:VEP

REFERENCES


REFERENCES


Anonymous:1872:ACaaa


Anonymous:1872:CRe


Anonymous:1872:RAFay


Anonymous:1872:VPHd


Anonymous:1872:PCRe


Anonymous:1872:Caaa

Anonymous:1872:BPaaa


Anonymous:1872:IIaw


Anonymous:1872:Ik


Anonymous:1872:BPEa


Anonymous:1872:EAY


Anonymous:1872:PCP

REFERENCES

Anonymous:1872:TWP


Anonymous:1872:PJR


Anonymous:1872:PHTb


Anonymous:1872:FFA


Anonymous:1872:RJN


Anonymous:1872:Caab

REFERENCES


Anonymous:1872:ISPc


Anonymous:1872:PWB


Anonymous:1872:AJS


Anonymous:1872:GT


Anonymous:1872:IRSc


Anonymous:1872:DGC

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1873:CF


Anonymous:1873:HIP


Anonymous:1873:FJ


Anonymous:1873:PBC


Anonymous:1873:ATC


Anonymous:1873:ASS

REFERENCES


REFERENCES


REFERENCES


Anonymous:1873:IIC


Anonymous:1873:IBMa


Anonymous:1873:CBS


Anonymous:1873:ASB


Anonymous:1873:CBF


Anonymous:1873:Pa

REFERENCES


[3861] Anonymous. Practical advice to exhibitors in Austria. *Scientific American*, 28(3):33, January 18, 1873. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1873:VOC


Anonymous:1873:SCa


Anonymous:1873:NTU


Anonymous:1873:TCEa


Anonymous:1873:GSWa


Anonymous:1873:ENa


Anonymous:1873:NEF

Anonymous:1873:SPIc


Anonymous:1873:SMP


Anonymous:1873:TSH


Anonymous:1873:PODc


Anonymous:1873:RAFd


Anonymous:1873:ACd


REFERENCES


REFERENCES


REFERENCES

Anonymous:1873:SSB


Anonymous:1873:AF


Anonymous:1873:RDP


Anonymous:1873:SGa


Anonymous:1873:PTSa


Anonymous:1873:SPa

Anonymous:1873:ANa


Anonymous:1873:PBL


Anonymous:1873:CGM


Anonymous:1873:ISCa


Anonymous:1873:NST


Anonymous:1873:EAI

Anonymous:1873:RAFf


Anonymous:1873:ACf


Anonymous:1873:CRc


Anonymous:1873:Ch


Anonymous:1873:BPg


Anonymous:1873:NQf


Anonymous:1873:If

REFERENCES


Anonymous:1873:BMc


Anonymous:1873:PSP


Anonymous:1873:BWF


Anonymous:1873:MMA


Anonymous:1873:PIa


Anonymous:1873:NYS

Anonymous:1873:ANP


Anonymous:1873:EWa


Anonymous:1873:ACg


Anonymous:1873:FMP


Anonymous:1873:BFC


Anonymous:1873:SSP

REFERENCES


Anonymous:1873:PODd


Anonymous:1873:DCd


Anonymous:1873:RAFg


Anonymous:1873:ACh


Anonymous:1873:CRd


Anonymous:1873:Ci


REFERENCES


Anonymous:1873:IRSa


Anonymous:1873:ACCa


Anonymous:1873:RTB


Anonymous:1873:RP


Anonymous:1873:Cj


Anonymous:1873:PODe

REFERENCES


Anonymous. 1873:IIh


Anonymous:1873:ESS


Anonymous:1873:SPO


Anonymous:1873:WRT


Anonymous:1873:PAA


Anonymous:1873:DTQ


Anonymous:1873:WHAa


Anonymous:1873:PODf


Anonymous:1873:DCe


Anonymous:1873:RAFi


Anonymous:1873:ACj


Anonymous:1873:CRf


Anonymous:1873:Cl

[4051] Anonymous. Correspondence. Scientific American, 28(10):148, March 8, 1873. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES


REFERENCES


Anonymous:1873:NBS


Anonymous:1873:SLS


Anonymous:1873:CBB


Anonymous:1873:ANb


Anonymous:1873:SPIe


Anonymous:1873:IMF


Anonymous. Answers to correspondents. *Scientific American*, 28(10):154–155, March 8, 1873. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1873:CRg


Anonymous:1873:CPa


Anonymous:1873:Cm


Anonymous:1873:BNBh


Anonymous:1873:BPk


Anonymous:1873:NQj

Anonymous:1873:IIj


Anonymous:1873:IHP


Anonymous:1873:PAS


Anonymous:1873:PRE


Anonymous:1873:FAS


Anonymous:1873:IM


Anonymous:1873:KT

Anonymous:1873:CTB

[4097] Anonymous. Colburn's theory and the boiler explosion at Pitts-
burough. Scientific American, 28(11):161, March 15, 1873. CO-

Anonymous:1873:SPIf

[4098] Anonymous. Scientific and practical information. Scientific Ameri-
can, 28(11):161, March 15, 1873. CODEN SCAMAC. ISSN 0036-

Anonymous:1873:KPA


Anonymous:1873:PBT


Anonymous:1873:EWb


Anonymous:1873:SLB


REFERENCES


Anonymous:1873:USC


Anonymous:1873:PDC


Anonymous:1873:DMO


Anonymous:1873:SFT


Anonymous:1873:ILJ


Anonymous:1873:SPIg


Anonymous:1873:SDA

Anonymous:1873:BCH

Anonymous:1873:IWBa

Anonymous:1873:BCMa

Anonymous:1873:PODh

Anonymous:1873:DCg

Anonymous:1873:RAFl
Anonymous:1873:ACm


Anonymous:1873:CRi


Anonymous:1873:Co


Anonymous:1873:BPm


Anonymous:1873:NQl


Anonymous:1873:IIl

Anonymous:1873:ISQ


Anonymous:1873:EDL


Anonymous:1873:IWa


Anonymous:1873:PNP


Anonymous:1873:PSb


Anonymous:1873:LF


Anonymous:1873:CEL

REFERENCES


Anonymous:1873:NVG


Anonymous:1873:GSF


Anonymous:1873:CGA


Anonymous:1873:RIR


Anonymous:1873:BVH


Anonymous:1873:HB

Anonymous:1873:DCh


Anonymous:1873:RAFm


Anonymous:1873:ACn


Anonymous:1873:CRj


Anonymous:1873:BNBj


Anonymous:1873:BPn


Anonymous:1873:NQm


REFERENCES


REFERENCES


Anonymous:1873:HNM


Anonymous:1873:DCi


Anonymous:1873:HSI


Anonymous:1873:RAFn


Anonymous:1873:ACo


Anonymous:1873:CRk

REFERENCES

Anonymous:1873:CPb

Anonymous:1873:Cs

Anonymous:1873:BPo

Anonymous:1873:NQn

Anonymous:1873:IIn

Anonymous:1873:IDS

Anonymous:1873:CCC
REFERENCES


REFERENCES

Anonymous:1873:EI


Anonymous:1873:ICO


Anonymous:1873:NMb


Anonymous:1873:TPa


Anonymous:1873:SHb


Anonymous:1873:SPI]

Anonymous:1873:IRD


Anonymous:1873:HSG


Anonymous:1873:FST


Anonymous:1873:DCj


Anonymous:1873:RAFo


Anonymous:1873:BMIA

REFERENCES


REFERENCES


REFERENCES

Anonymous:1873:MC


Anonymous:1873:IWF


Anonymous:1873:GSWb


Anonymous:1873:LAW


Anonymous:1873:SPb


Anonymous:1873:TCSb

Anonymous:1873:PSA


Anonymous:1873:PODi


Anonymous:1873:DCk


Anonymous:1873:RAFp


Anonymous:1873:BMIIb


Anonymous:1873:ACq


Anonymous:1873:CRl

REFERENCES


Anonymous:1873:Cv


Anonymous:1873:BNBl


Anonymous:1873:BPq


Anonymous:1873:NQp


Anonymous:1873:IIp


Anonymous:1873:TAF
REFERENCES


Anonymous:1873:CPc


Anonymous:1873:CBc


Anonymous:1873:CPN


Anonymous:1873:RAFq


Anonymous:1873:BMIc


Anonymous:1873:ACr


Anonymous:1873:CRm

REFERENCES

Anonymous:1873:Cw

Anonymous:1873:BPr

Anonymous:1873:NQq

Anonymous:1873:Iiq

Anonymous:1873:IPB

Anonymous:1873:CBD


REFERENCES


REFERENCES


REFERENCES


Anonymous:1873:DCm


Anonymous:1873:RAFs


Anonymous:1873:BMie


Anonymous:1873:ACT


Anonymous:1873:CRo


Anonymous:1873:Cz

REFERENCES


Anonymous:1873:NRR


Anonymous:1873:OVE


Anonymous:1873:NSRa


Anonymous:1873:NAM


Anonymous:1873:MS


Anonymous:1873:SPIm

REFERENCES


Anonymous:1873:CHRa


Anonymous:1873:FFa


Anonymous:1873:TPb


Anonymous:1873:RMM


Anonymous:1873:DCn


Anonymous:1873:RAFt


Anonymous:1873:ACv

REFERENCES


Anonymous. Important decision in respect to assignments. *Scientific American*, 28(21):320, May 24, 1873. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1873:DL


Anonymous:1873:FDB


Anonymous:1873:SPIn


Anonymous:1873:JPL


Anonymous:1873:ERS


Anonymous:1873:CHA

Anonymous:1873:IMS


Anonymous:1873:WEIa


Chandler:1873:SIL


Anonymous:1873:SNFa


Anonymous:1873:IBCa


Anonymous:1873:PODj

REFERENCES


REFERENCES


REFERENCES

Anonymous:1873:BPw


Anonymous:1873:NQv


Anonymous:1873:IIv


Anonymous:1873:CMM


Anonymous:1873:LBa


Anonymous:1873:SE


Anonymous:1873:LAEE

Anonymous:1873:AEV


Anonymous:1873:SPIo


Anonymous:1873:WMT


Anonymous:1873:ICN


Anonymous:1873:MDB


Anonymous:1873:IPH


Anonymous:1873:CLBa


Anonymous:1873:FFS


Anonymous:1873:CCSb


Anonymous:1873:PODk


Anonymous:1873:RAFw


Anonymous:1873:Cae


Anonymous:1873:ACy


Anonymous:1873:CRs

Anonymous. Communications received. *Scientific American*, 28(23):363, June 7, 1873. CODEN SCAMAC. ISSN 0036-8733
REFERENCES

Anonymous:1873:Caf


Anonymous:1873:BNBq


Anonymous:1873:BPx


Anonymous:1873:NQw


Anonymous:1873:IIw


Anonymous:1873:ASE

REFERENCES

Anonymous:1873:OCD

Anonymous:1873:EFA

Anonymous:1873:BC

Anonymous:1873:GPB

Anonymous:1873:OLT

Anonymous:1873:VEc

Anonymous:1873:SPIp
REFERENCES


REFERENCES


REFERENCES


Anonymous:1873:WS


Anonymous:1873:SCb


Anonymous:1873:DCq


Anonymous:1873:RAFx


Anonymous:1873:Cag


Anonymous:1873:ACz


REFERENCES

Anonymous:1873:ICV


Anonymous:1873:DAb


Anonymous:1873:TC


Anonymous:1873:PF


Anonymous:1873:SSc

REFERENCES


Anonymous:1873:NPSb


Anonymous:1873:EGA


Anonymous:1873:LE


Anonymous:1873:ISSb


Anonymous:1873:CPEa


Anonymous:1873:SNM

Anonymous:1873:RAFy


Anonymous:1873:ACaa


Anonymous:1873:CRu


Anonymous:1873:Cai


Anonymous:1873:BPz


Anonymous:1873:Iiy


Anonymous:1873:lla


Anonymous:1873:STa


Anonymous:1873:BRE


Anonymous:1873:PAF


Anonymous:1873:RAFz


Anonymous:1873:DCr


Anonymous:1873:ACab


Anonymous:1873:CRv

REFERENCES


REFERENCES

Anonymous:1873:HLJ


Anonymous:1873:LBb


Anonymous:1873:ANf


Anonymous:1873:NVEa


Anonymous:1873:IHL


Anonymous:1873:IFG


Anonymous:1873:IUP

REFERENCES


Anonymous:1873:CRw


Anonymous:1873:Cak


Anonymous:1873:BNBs


Anonymous:1873:BPac


Anonymous:1873:NQz


Anonymous:1873:Iaa


Anonymous:1873:SPD

Anonymous. Steam plowing by direct traction. *Scientific American*, 29(2):15, July 12, 1873. CODEN SCAMAC. ISSN 0036-
Anonymous:1873:PNa


Anonymous:1873:MPa


Anonymous:1873:CPf


Anonymous:1873:LCT


Anonymous:1873:DAc


Anonymous:1873:MAC

REFERENCES


Anonymous: 1873: IPD


Anonymous: 1873: TCEb


Anonymous: 1873: CSCa


Anonymous: 1873: NTEb


Anonymous: 1873: SCc


Anonymous: 1873: DCs

REFERENCES


REFERENCES


Anonymous:1873:IMN


Anonymous:1873:BBO


Anonymous:1873:URA


Anonymous:1873:SPc


Anonymous:1873:EBa


Anonymous:1873:NVEc

REFERENCES


REFERENCES


Anonymous: 1873: LL


Anonymous: 1873: EBb


Anonymous: 1873: RAFac


Anonymous: 1873: VPHb


Anonymous: 1873: ACae


Anonymous: 1873: CRy

Anonymous:1873:SPFb


Anonymous:1873:Id


Anonymous:1873:If


Anonymous:1873:BAb


Anonymous:1873:Cam


Anonymous:1873:BPae


Anonymous:1873:NQab

REFERENCES


Anonymous:1873:RGEb


Anonymous:1873:GFB


Anonymous:1873:PVH


Anonymous:1873:ACCb


Anonymous:1873:GB


Anonymous:1873:RAFad


Anonymous. New safety pump for sea going steamers. *Scientific American*, 29(5):66, August 2, 1873. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES

Anonymous:1873:RAFae

Anonymous:1873:VPb

Anonymous:1873:ACag

Anonymous:1873:CRaa

Anonymous:1873:Cao

Anonymous:1873:BPag
REFERENCES


REFERENCES


REFERENCES

Anonymous:1873:IMR


Anonymous:1873:GELc


Anonymous:1873:PSV


Anonymous:1873:APBb


Anonymous:1873:CSa


Anonymous:1873:DABa

Anonymous:1873:DCu


Anonymous:1873:RAFaf


Anonymous:1873:VPHd


Anonymous:1873:ACah


Anonymous:1873:CRab


Anonymous:1873:Cap


Anonymous:1873:BNBu


REFERENCES


Anonymous:1873:APR


Anonymous:1873:GELd


Anonymous:1873:ICb


Anonymous:1873:OWC


Anonymous:1873:JB


Anonymous:1873:SPIw

REFERENCES


REFERENCES


Anonymous:1873:Car

Anonymous:1873:BPaj

Anonymous:1873:NQaf

Anonymous:1873:Iiah

Anonymous:1873:Ph

Anonymous:1873:GTO

Anonymous:1873:FOW
[4769] Anonymous. The flowing oil wells of Pennsylvania — great decline in the price of oil. Scientific American, 29(9):128, August 30, 1873. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087


REFERENCES


Anonymous. 1873:IIai


Anonymous. 1873:IFW


Anonymous. 1873:PMR


Anonymous. 1873:BCA


Anonymous. 1873:APVb


Anonymous. 1873:PCVb


Anonymous. 1873:LRF


Anonymous. 1873:CWI

REFERENCES

Anonymous:1873:ASMa

Anonymous:1873:ABV

Anonymous:1873:MRG

Anonymous:1873:GELg

Anonymous:1873:SBG

Anonymous:1873:IHS

Anonymous:1873:IWWb

Anonymous:1873:IFA
Anonymous:1873:IWd

Anonymous:1873:KCM

Anonymous:1873:CLBb

Anonymous:1873:ITMb

Anonymous:1873:AAAa

Anonymous:1873:FAA

Anonymous:1873:DCx

Anonymous:1873:GVE


REFERENCES


REFERENCES


Anonymous:1873:SPIa


Anonymous:1873:HCM


Anonymous:1873:DSD


Anonymous:1873:NSC


Anonymous:1873:HCSa


Edwards:1873:HMA

Anonymous:1873:GELi


Anonymous:1873:DTMb


Anonymous:1873:ABD


Anonymous:1873:ISE


Anonymous:1873:TTP


Morton:1873:MLMb


REFERENCES


REFERENCES


REFERENCES


Anonymous:1873:IRH


Anonymous:1873:CSF


Anonymous:1873:CWP


Anonymous:1873:ICD


Anonymous:1873:HNH


REFERENCES


Anonymous:1873:VPAa


Anonymous:1873:RAFam


Anonymous:1873:ACao


Anonymous:1873:CRai


Anonymous:1873:Cax


Anonymous:1873:BNBy

REFERENCES


Anonymous:1873:GELk


Anonymous:1873:ARG


Anonymous:1873:DDC


Anonymous:1873:IPAa


Anonymous:1873:RAFan


Anonymous:1873:ACap

REFERENCES


 Anonymous:1873:IBMb


 Anonymous:1873:CLP


 Anonymous:1873:SCS


 Anonymous:1873:EWP


 Anonymous:1873:Aa


 Anonymous:1873:LUSa

REFERENCES

Anonymous:1873:CHRb


Anonymous:1873:ICR


Anonymous:1873:IMP


Anonymous:1873:GSG


Anonymous:1873:ISPb


Anonymous:1873:VSb


Anonymous. Index of inventions. *Scientific American*, 29(16):252, October 18, 1873. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
Anonymous:1873:HSR


Anonymous:1873:PPM


Anonymous:1873:Pj


Anonymous:1873:PW


Anonymous:1873:FLb


Anonymous:1873:AI

REFERENCES

Anonymous:1873:MABa


Anonymous:1873:SPIad


Anonymous:1873:FAIc


Anonymous:1873:ICBa


Anonymous:1873:IAT


Anonymous:1873:FMM

Anonymous:1873:NDSc


Anonymous:1873:FFI


Anonymous:1873:Ab


Plante:1873:NED


Anonymous:1873:MABb


Anonymous:1873:LUSb

Anonymous:1873:RAFap


Anonymous:1873:ACar


Anonymous:1873:CRal


Anonymous:1873:Caaa


Anonymous:1873:BNBz


Anonymous:1873:BPar

REFERENCES


Anonymous:1873:RGT

Anonymous:1873:CPFb

Anonymous:1873:SPg

Anonymous:1873:CBCa

Anonymous:1873:SPIae

Anonymous:1873:IFLa
REFERENCES

Anonymous:1873:ESL


Anonymous:1873:PIb


Anonymous:1873:DGS


Anonymous:1873:IPF


Anonymous:1873:ASMb


Thurston:1873:LUSa


Anonymous:1873:VDI


Anonymous:1873:RAFaq


Anonymous:1873:ACas


Anonymous:1873:CRam


Anonymous:1873:Caab


Anonymous:1873:BPas

REFERENCES


REFERENCES


Anonymous: 1873: ACCc


Anonymous: 1873: CIM


Anonymous: 1873: HCSb


Anonymous: 1873: IL


Anonymous: 1873: JDV


Anonymous: 1873: PBR

Anonymous:1873:NEAa

Anonymous:1873:RAFar

Anonymous:1873:ACat

Anonymous:1873:CRan

Anonymous:1873:IIaq

Anonymous:1873:Caac
REFERENCES


REFERENCES


Anonymous:1873:TCEc


Anonymous:1873:LUSc


Anonymous:1873:FVS


Anonymous:1873:TAL


Anonymous:1873:PTSb


Anonymous:1873:SRS

REFERENCES


Anonymous:1873:CRao


Anonymous:1873:Caad


Anonymous:1873:BPau


Anonymous:1873:NQao


Anonymous:1873:HHas


Anonymous:1873:HVS

REFERENCES


REFERENCES

Anonymous:1873:Caae


Anonymous:1873:BNBaa


Anonymous:1873:BPav


Anonymous:1873:NQap


Anonymous:1873:IIat


Anonymous:1873:IMA

REFERENCES

Anonymous:1873:WDH


Anonymous:1873:GLA


Anonymous:1873:EPP


Anonymous:1873:NMd


Anonymous:1873:DS


Anonymous:1873:RM

REFERENCES


REFERENCES

Anonymous:1873:AASb


Anonymous:1873:SPIai


Anonymous:1873:RAFau


Anonymous:1873:ACaw


Anonymous:1873:CRaq


Anonymous:1873:Caaf

REFERENCES


REFERENCES


REFERENCES

Anonymous:1873:GBM


Anonymous:1873:BMW


Anonymous:1873:BNS


Anonymous:1873:DIC


Anonymous:1873:SHd


Anonymous:1873:RAFav

Anonymous:1873:ACax


Anonymous:1873:CRar


Anonymous:1873:Caag


Anonymous:1873:BPax


Anonymous:1873:IIav


Anonymous:1873:RPE

REFERENCES


REFERENCES


REFERENCES


REFERENCES

8733 (print), 1946-7087 (electronic). URL http://www.nature.com/
scientificamerican/journal/v29/n23/pdf/scientificamerican12061873-
363a.pdf.

[5151] Anonymous. Communications received. Scientific American, 29
(23):364, December 6, 1873. CODEN SCAMAC. ISSN 0036-
8733 (print), 1946-7087 (electronic). URL http://www.nature.com/
scientificamerican/journal/v29/n23/pdf/scientificamerican12061873-
364.pdf.

13, 1873. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
(electronic). URL http://www.nature.com/scientificamerican/
journal/v29/n24/pdf/scientificamerican12131873-372.pdf.

(24):379, December 13, 1873. CODEN SCAMAC. ISSN 0036-
8733 (print), 1946-7087 (electronic). URL http://www.nature.com/
scientificamerican/journal/v29/n24/pdf/scientificamerican12131873-
379.pdf.

(24):380, December 13, 1873. CODEN SCAMAC. ISSN 0036-8733
(print), 1946-7087 (electronic). URL http://www.nature.com/
scientificamerican/journal/v29/n24/pdf/scientificamerican12131873-
380a.pdf.

American, 29(24):367, December 13, 1873. CODEN SCAMAC.
nature.com/scientificamerican/journal/v29/n24/pdf/scientificamerican12131873-
367.pdf.

[5156] Anonymous. A word to our subscribers. Scientific American, 29
(24):368, December 13, 1873. CODEN SCAMAC. ISSN 0036-
8733 (print), 1946-7087 (electronic). URL http://www.nature.com/
REFERENCES

Anonymous:1873:BT


Anonymous:1873:PPc


Anonymous:1873:CTU


Anonymous:1873:PPAa


Anonymous:1873:EPF


Anonymous:1873:SMc


Anonymous:1873:IVU


Anonymous:1873:UN


Anonymous:1873:SSd


Anonymous:1873:CSEb


Anonymous:1873:DIP


Anonymous:1873:AFR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:Ca


Anonymous:1874:BNBa


Anonymous:1874:BPa


Anonymous:1874:IIa


Anonymous:1874:AWP


Anonymous:1874:LAa


Anonymous:1874:LYS

REFERENCES

Anonymous:1874:RCE


Anonymous:1874:ME


Thurston:1874:NRE


Anonymous:1874:AIB


Anonymous:1874:WJP


Anonymous:1874:IFC

REFERENCES


Anonymous:1874:BNBb

Anonymous:1874:BPb

Anonymous:1874:IIb

Anonymous:1874:HCR

Anonymous:1874:NPC

Anonymous:1874:PMTa


Anonymous. Improved tool holder. *Scientific American*, 30(2):18, January 10, 1874. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087


Anonymous:1874:DCb


Anonymous:1874:VPHb


Anonymous:1874:RAFb


Anonymous:1874:ACb


Anonymous:1874:CRb


Anonymous:1874:CPb


Anonymous:1874:HOPb

REFERENCES

Anonymous:1874:Cc


Anonymous:1874:BNBc


Anonymous:1874:BPCc


Anonymous:1874:IIc


Anonymous:1874:NSC


Anonymous:1874:VER

REFERENCES


Anonymous:1874:SCB


Anonymous:1874:NEAb


Anonymous:1874:SPIc


Anonymous:1874:DCc


Anonymous:1874:VPHc


Anonymous:1874:RAFc

REFERENCES


REFERENCES


Anonymous:1874:SPId


Anonymous:1874:CTOa


Anonymous:1874:RIB


Anonymous:1874:WAB


Anonymous:1874:ICV


Anonymous:1874:IM

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:Bpf


Anonymous:1874:IIf


Anonymous:1874:GG


Anonymous:1874:IAb


Anonymous:1874:VV


Anonymous:1874:DCT

REFERENCES


REFERENCES


Anonymous. Recent American and foreign patents. *Scientific American*, 30(6):88–89, February 7, 1874. CODEN SCAMAC. ISSN 0036-


Anonymous:1874:IWSa


Anonymous:1874:DSP


Anonymous:1874:SPIg


Anonymous:1874:AO


Anonymous:1874:IGM


Anonymous:1874:MIA

REFERENCES


Anonymous:1874:RAFg


Anonymous:1874:ACg


Anonymous:1874:CRg


Anonymous:1874:CPf


Anonymous:1874:Ci


Anonymous:1874:BNBg

REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:CPg


Anonymous:1874:Cj


Anonymous:1874:BPi


Anonymous:1874:IIi


Anonymous:1874:CPR


Anonymous:1874:PMC


Anonymous:1874:SP

REFERENCES

Anonymous:1874:HTD


Anonymous:1874:WSa


Anonymous:1874:PGD


Anonymous:1874:SPIi


Anonymous:1874:NSa


Anonymous:1874:IMTa


Anonymous:1874:BPj


Anonymous:1874:Ij


Anonymous:1874:IGCa


Anonymous:1874:PLC


Anonymous:1874:AST


Anonymous:1874:IUB


[5494] Anonymous. Improved fish grappling spear. *Scientific American*, 30(10):147, March 7, 1874. CODEN SCAMAC. ISSN 0036-
Anonymous:1874:ANc


Anonymous:1874:ISG


Anonymous:1874:IEV


Anonymous:1874:VCD


Anonymous:1874:VRH


Anonymous:1874:SFP

REFERENCES


References


REFERENCES


REFERENCES


Anonymous:1874:MSSa


Anonymous:1874:GHR


Anonymous:1874:OCW


Anonymous:1874:NTH


Anonymous:1874:NWM


Anonymous:1874:PODc

Anonymous:1874:DCj

Anonymous:1874:IAe

Anonymous:1874:RAFk

Anonymous:1874:ACk

Anonymous:1874:CRk

Anonymous:1874:Cm

Anonymous:1874:BNBj
REFERENCES


Anonymous: 1874: \textit{ICBa}


Anonymous: 1874: \textit{HTG}


Anonymous: 1874: \textit{NSd}


Anonymous: 1874: \textit{PODd}


Anonymous: 1874: \textit{DCk}


Anonymous: 1874: \textit{IAf}


Anonymous: 1874: \textit{RAFl}

REFERENCES


REFERENCES


Anonymous:1874:IAg


Anonymous:1874:DCl


Anonymous:1874:RAFm


Anonymous:1874:ACm


Anonymous:1874:CRm


Anonymous:1874:CPk

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:ANe


Anonymous:1874:DCm


Anonymous:1874:HSIc


Anonymous:1874:RAFn


Anonymous:1874:ACn


Anonymous:1874:CRn

REFERENCES


REFERENCES


REFERENCES

Anonymous:1874:RAFo


Anonymous:1874:ACo


Anonymous:1874:CRo


Anonymous:1874:CPm


Anonymous:1874:Ct


Anonymous:1874:BPp


Anonymous:1874:Ip

REFERENCES


Anonymous:1874:PNPd


Anonymous:1874:IG


Anonymous:1874:EPS


Anonymous:1874:CSb


Anonymous:1874:TKS


Anonymous:1874:PUR

REFERENCES


REFERENCES

Anonymous:1874:Pa

Anonymous:1874:SSF

Prescott:1874:ET

Anonymous:1874:RAFp

Anonymous:1874:ACp

Anonymous:1874:CRp
REFERENCES


REFERENCES


REFERENCES

Anonymous:1874:CEa


Anonymous:1874:DCn


Anonymous:1874:RAFq


Anonymous:1874:ACq


Anonymous:1874:CRq


Anonymous:1874:CPo


Anonymous:1874:Cv

REFERENCES

Anonymous:1874:BNBn

Anonymous:1874:BPr

Anonymous:1874:IIr

Anonymous:1874:PNPf

Anonymous:1874:DCPa

Anonymous:1874:HSPa
Anonymous:1874:SMM


Anonymous:1874:DIT


Anonymous:1874:GRC


Anonymous:1874:DSL


Anonymous:1874:Ob


Anonymous:1874:SPIp

REFERENCES


Anonymous:1874:IAP


Anonymous:1874:MEG


Anonymous:1874:BSS


Anonymous:1874:RAFr


Anonymous:1874:ACr


Anonymous:1874:CRr

REFERENCES

Anonymous: 1874: CPp


Anonymous: 1874: Cw


Anonymous: 1874: BPs


Anonymous: 1874: IIIt


Anonymous: 1874: PNPg


Anonymous: 1874: ABb


Anonymous: 1874: MML

REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:RAFs


Anonymous:1874:ACt


Anonymous:1874:CRs


Anonymous:1874:CPs


Anonymous:1874:Cx


Anonymous:1874:BNBo


Anonymous:1874:BPlt

Anonymous:1874:MDE


Anonymous:1874:RO


Anonymous:1874:ASS


Anonymous:1874:PCTb


Anonymous:1874:HRM


Anonymous:1874:IDA

REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:PNPi


Anonymous:1874:WBH


Anonymous:1874:FFF


Anonymous:1874:MTS


Anonymous:1874:LHW


Anonymous:1874:RDA

REFERENCES


[5797] Anonymous. The tarantula wheel rotary harrow. *Scientific American*, 30(23):358, June 6, 1874. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous: 1874: HPSa


Anonymous: 1874: CFM


Anonymous: 1874: ECC


Anonymous: 1874: ANg


Anonymous: 1874: SSc


Anonymous: 1874: CDb

Anonymous: DCq


Anonymous: RAFu


Anonymous: ACv


Anonymous: CRu


Anonymous: CPu


Anonymous: Cz


Anonymous: BNBq


REFERENCES


REFERENCES


Anonymous. Steep gradients. *Scientific American*, 30(25):386, June 20, 1874. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1874:MPB


Anonymous:1874:DMC


Rose:1874:PMa


Anonymous:1874:IPSc


Anonymous:1874:IHa


Anonymous:1874:MA

REFERENCES


Anonymous:1874:EVX


Anonymous:1874:HAH


Anonymous:1874:CPx


Anonymous:1874:SES


Anonymous:1874:FPE


Anonymous:1874:SPIs


Anonymous:1874:IWWa

REFERENCES


Anonymous:1874:MTC


Anonymous:1874:EAPa


Rose:1874:PMb


Anonymous:1874:SIH


Anonymous:1874:IPGb


Anonymous:1874:DIHa


REFERENCES


Anonymous:1874:SBO


Anonymous:1874:AL


Anonymous:1874:PS


Anonymous:1874:EPL


Anonymous:1874:BPSa


Anonymous:1874:BSb

Anonymous:1874:FAH


Anonymous:1874:NMM


Anonymous:1874:IGT


Anonymous:1874:PPS


Anonymous:1874:JSP


Anonymous:1874:CCEb


Anonymous:1874:SPIt

Anonymous:1874:DCu

Anonymous:1874:RAFy

Anonymous:1874:ACy

Anonymous:1874:CRy

Anonymous:1874:CPy

Anonymous:1874:Cae

Anonymous:1874:BNBu
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:NNa


Anonymous:1874:VMC


Anonymous:1874:MNC


Anonymous:1874:RAFz


Anonymous:1874:ACz


Anonymous:1874:CRz

Anonymous:1874:CPz


Anonymous:1874:Caf


Anonymous:1874:BNBv


Anonymous:1874:BPaa


Anonymous:1874:IIab


Anonymous:1874:PNPo


Anonymous:1874:ESG

Anonymous:1874:CRaa

Anonymous:1874:TPL

Anonymous:1874:RPP

Anonymous:1874:PCI

Anonymous:1874:MMI

Anonymous:1874:CSM

Anonymous:1874:CTE
[5956] Anonymous. The clamond thermo-electric battery. *Scientific American*, 31(3):34–31, July 18, 1874. CODEN SCAMAC. ISSN 0036-
Anonymous:1874:FCV


Anonymous:1874:SPIV


Anonymous:1874:NIS


Anonymous:1874:IHCa


Anonymous:1874:ISPb


Anonymous:1874:NCSa

REFERENCES


REFERENCES

Anonymous:1874:Cag


Anonymous:1874:BPab


Anonymous:1874:IIac


Anonymous:1874:IHM


Anonymous:1874:MMC


Anonymous:1874:CTOb


Anonymous:1874:PRD

REFERENCES


REFERENCES

1056


Anonymous:1874:RAFab


Anonymous:1874:ACab


Anonymous:1874:CRac


Anonymous:1874:CPab


Anonymous:1874:Cah


Anonymous:1874:BPac

REFERENCES


REFERENCES


REFERENCES

Anonymous:1874:DCw


Anonymous:1874:RAFac


Anonymous:1874:ACac


Anonymous:1874:CRad


Anonymous:1874:CPac


Anonymous:1874:Cai


Anonymous:1874:BNBw

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:DIHb


Anonymous:1874:CEb


Anonymous:1874:IAi


Anonymous:1874:DCaa


Anonymous:1874:RAFae


Anonymous:1874:ACae

REFERENCES


Anonymous. Influence of the Earth’s figure on geologic changes. *Scientific American*, 31(8):113, August 22, 1874. CODEN SCAMAC. ISSN
Anonymous:1874:NGD

Anonymous:1874:YWM

Anonymous:1874:IDW

Anonymous:1874:WLP

Anonymous:1874:HSIe

Anonymous:1874:RAFaf
REFERENCES


REFERENCES

Anonymous:1874:IRM

Anonymous:1874:CFL

Anonymous:1874:LCD

Anonymous:1874:CIa

Anonymous:1874:CBO

Anonymous:1874:FDE
REFERENCES


[6116] Anonymous. The Blackstone and Elmer water wheel. *Scientific American*, 31(9):134, August 29, 1874. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


Anonymous: 1874: WIF


Anonymous: 1874: MMB


Anonymous: 1874: PAAAb


Anonymous: 1874: VSO


Anonymous: 1874: IAj


Anonymous: 1874: RAFah

Anonymous:1874:ACah


Anonymous:1874:CRai


Anonymous:1874:CPah


Anonymous:1874:Can


Anonymous:1874:BPai


Anonymous:1874:Iaj


[6160] Anonymous. The Engineer’s trial trip of the Pacific mail steamer city of peking. *Scientific American*, 31(11):161, September 12,

Anonymous:1874:DSG


Anonymous:1874:GPS


Anonymous:1874:IVP


Rose:1874:PMf


Anonymous:1874:IGR

Anonymous:1874:YIS


Anonymous:1874:IRS


Anonymous:1874:BSD


Anonymous:1874:PAAc


Anonymous:1874:NTT


Anonymous:1874:VRT

REFERENCES


REFERENCES


Anonymous:1874:CRak


Anonymous:1874:CPaj


Anonymous:1874:Cap


Anonymous:1874:BNBaa


Anonymous:1874:BPak


Anonymous:1874:IIal

REFERENCES


REFERENCES

Anonymous:1874:SFH

Anonymous:1874:IR

Anonymous:1874:L

Rose:1874:PMg

Anonymous:1874:LIL

Anonymous:1874:FHb


REFERENCES


REFERENCES

Anonymous:1874:PNPx


Anonymous:1874:IMTb


Anonymous:1874:WIPa


Anonymous:1874:CFS


Anonymous:1874:RME


Anonymous:1874:COG

Anonymous:1874:HAB


Anonymous:1874:PBc


Anonymous:1874:CAMa


Anonymous:1874:HCE


Anonymous:1874:SRT


Anonymous:1874:DUSc


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[6288] Anonymous. Correspondence. Scientific American, 31(16):244, October 17, 1874. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES


Anonymous. Enameled and embossed photographs. *Scientific American*, 31(16):242, October 17, 1874. CODEN SCAMAC. ISSN 0036-


REFERENCES


REFERENCES

Anonymous: 1874: DCag


Anonymous: 1874: RAFan


Anonymous: 1874: ACan


Anonymous: 1874: CRao


Anonymous: 1874: CPao


Anonymous: 1874: Cat

REFERENCES

Anonymous: 1874: BPao


Anonymous: 1874: IIap


Anonymous: 1874: PNPaa


Anonymous: 1874: CIF


Anonymous: 1874: GAC


Anonymous: 1874: IIaq

Anonymous:1874:RET


Anonymous:1874:IASb


Anonymous:1874:SPIac


Anonymous:1874:NPE


Anonymous:1874:ICTb


Anonymous:1874:NIE

REFERENCES

Anonymous:1874:POT


Anonymous:1874:HR


Rose:1874:PMi


Anonymous:1874:IASc


Anonymous:1874:NBCb


Anonymous:1874:DKC

REFERENCES


Anonymous:1874:CPap


Anonymous:1874:Cau


Anonymous:1874:BNBac


Anonymous:1874:BPap


Anonymous:1874:IIar


Anonymous:1874:TCN


Anonymous:1874:PPO

REFERENCES


REFERENCES

Anonymous:1874:MCC


Anonymous:1874:LG


Anonymous:1874:SWS


Anonymous:1874:SNG


Anonymous:1874:ISL


Anonymous:1874:IDb

REFERENCES


REFERENCES


REFERENCES

Anonymous:1874:SEBb


Anonymous:1874:CTb


Anonymous:1874:EWN


Anonymous:1874:WTK


Anonymous:1874:SPIad


Anonymous:1874:PTT

REFERENCES


Anonymous:1874:ISSb


Anonymous:1874:MILb


Anonymous:1874:SAWb


Rath:1874:SSR


Anonymous:1874:FAIId


Anonymous:1874:RAFaq


REFERENCES


REFERENCES

Anonymous:1874:FIEa


Anonymous:1874:RAFar


Anonymous:1874:ACar


Anonymous:1874:CRas


Anonymous:1874:CPat


Anonymous:1874:Cay

Anonymous:1874:BNBad


Anonymous:1874:BPas


Anonymous:1874:I1au


Anonymous:1874:HSPb


Anonymous:1874:CWM


Anonymous:1874:RAP

Anonymous. The relation of alcohol to physical strength. *Scientific American*, 31(21):320, November 21, 1874. CODEN SCAMAC. ISSN
REFERENCES

Anonymous:1874:LPW

Anonymous:1874:SPLb

Anonymous:1874:SPIae

Anonymous:1874:AGS

Anonymous:1874:CTS

Anonymous:1874:URNb
REFERENCES


REFERENCES

Anonymous:1874:RAFas


Anonymous:1874:ACas


Anonymous:1874:CRat


Anonymous:1874:CPau


Anonymous:1874:Caz


Anonymous:1874:BPat


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1874:SPIag


Anonymous:1874:RAFau


Anonymous:1874:ACau


Anonymous:1874:CRav


Anonymous:1874:CPaw


Anonymous:1874:Caab

REFERENCES


REFERENCES


Anonymous:1874:DPP


Anonymous:1874:URNd


Rose:1874:PMl


Anonymous:1874:CPIa


Anonymous:1874:NRT


Anonymous:1874:NHA

REFERENCES

Anonymous:1874:SCCa


Anonymous:1874:RAFav


Anonymous:1874:ACav


Anonymous:1874:CRaw


Anonymous:1874:CPax


Anonymous:1874:Caac

REFERENCES


REFERENCES

[Anonymous:1874:MMN]

[Anonymous:1874:TTb]

[Anonymous:1874:HIS]

[Anonymous:1874:FFE]

[Anonymous:1874:CGb]

[Anonymous:1874:NCSb]
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1874:ACax


Anonymous:1874:CRay


Anonymous:1875:BNBa


Anonymous:1875:BPa


Anonymous:1875:IIa


Anonymous:1875:IPM


Anonymous:1875:ISPa

Anonymous:1875:VAN


Anonymous:1875:DKB


Anonymous:1875:PDSa


Anonymous:1875:TICa


Anonymous:1875:SFSa


Anonymous:1875:STC


REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:IHD


Anonymous:1875:SAPa


Anonymous:1875:SSB


Anonymous:1875:GWP


Prescott:1875:OTa


Young:1875:CS


REFERENCES


Anonymous:1875:HMCa


Rose:1875:PMa


Anonymous:1875:NGC


Anonymous:1875:TUR


Anonymous:1875:NEM


Anonymous:1875:LUS


Prescott:1875:OTb

Anonymous:1875:AOM


Anonymous:1875:RAFc


Anonymous:1875:DCb


Anonymous:1875:CRc


Anonymous:1875:CPc


Anonymous:1875:Cc

REFERENCES

Anonymous:1875:BNBb


Anonymous:1875:BPd


Anonymous:1875:NQc


Anonymous:1875:IId


Anonymous:1875:IRPa


Anonymous:1875:Sla


Anonymous:1875:BTB


REFERENCES


REFERENCES

Anonymous:1875:CAP


Anonymous:1875:PPG


Wiesner:1875:VFUa


Anonymous:1875:DCc


Anonymous:1875:RAFd


Anonymous:1875:CRd

REFERENCES


REFERENCES


REFERENCES


Wiesner:1875:VFUb


Anonymous:1875:DCd


Anonymous:1875:RAFe


Anonymous:1875:CRc


Anonymous:1875:CPe


Anonymous:1875:Ce


Anonymous:1875:BPf

REFERENCES

Anonymous:1875:NQe


Anonymous:1875:IIf


Anonymous:1875:HNB


Anonymous:1875:EF


Anonymous:1875:SSa


Anonymous:1875:OF

REFERENCES


[6702] Anonymous. Combined knife and pepper box. *Scientific American*, 32(6):82, February 6, 1875. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:BML


Anonymous:1875:CWB


Rose:1875:PMc


Anonymous:1875:ICL


Anonymous:1875:IGBa


Anonymous:1875:RB

REFERENCES

Anonymous:1875:DCe


Anonymous:1875:RAFg


Anonymous:1875:CRg


Anonymous:1875:CPg


Anonymous:1875:Cg


Anonymous:1875:BNBd

Anonymous:1875:BPh


Anonymous:1875:NQg


Anonymous:1875:IIh


Anonymous:1875:PNB


Anonymous:1875:BSL


Anonymous:1875:MAI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous: 1875: IIj


Anonymous: 1875: CST


Anonymous: 1875: RCP


Anonymous: 1875: PPS


Anonymous: 1875: ITE


Anonymous: 1875: NSBb

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:TWO


Anonymous:1875:SPIg


Anonymous:1875:ICDa


Anonymous:1875:IMD


Anonymous:1875:RAH


Anonymous:1875:IPJ


Anonymous:1875:Ck

REFERENCES

1194


Buel:1875:VWD


Anonymous:1875:DCg


Anonymous:1875:RAFl


Anonymous:1875:CRl


Anonymous:1875:CP1


Anonymous:1875:C1

REFERENCES


REFERENCES

Anonymous:1875:MMb


Anonymous:1875:TMR


Anonymous:1875:PAP


Thurston:1875:MCM


Anonymous:1875:ITPa


Anonymous:1875:MOC

REFERENCES


REFERENCES

Anonymous:1875:BPn

Anonymous:1875:NQm

Anonymous:1875:INn

Anonymous:1875:SFSb

Anonymous:1875:SCSb

Anonymous:1875:Ssd
REFERENCES

Anonymous:1875:IB

Anonymous:1875:MSI

Anonymous:1875:MF

Anonymous:1875:HRT

Anonymous:1875:SPIh

Anonymous:1875:IWIa

Anonymous:1875:RD
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[6951] Anonymous. The grayhound. Scientific American, 32(16):247, April 17, 1875. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES


REFERENCES

Anonymous:1875:BPq


Anonymous:1875:NQp


Anonymous:1875:IIq


Anonymous:1875:IBCb


Anonymous:1875:ICPa


Anonymous:1875:NMR


Anonymous:1875:PRTa

REFERENCES


Anonymous:1875:AFTb


Anonymous:1875:TAI


Anonymous:1875:AEI


Anonymous:1875:KUS


Anonymous:1875:SPIj


Anonymous:1875:BIL

Anonymous:1875:NMA


Anonymous:1875:DIL


Anonymous:1875:ADI


Anonymous:1875:SPD


Anonymous:1875:NTH


Anonymous:1875:Ad


Anonymous. Decisions of the courts. *Scientific American*, 32(17):266, April 24, 1875. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087


REFERENCES


[6996] Anonymous. What is the cause of tides? *Scientific American*, 32(18):273–274, May 1, 1875. CODEN SCAMAC. ISSN 0036-


REFERENCES


REFERENCES

Anonymous:1875:CRr

Anonymous:1875:Cu

Anonymous:1875:BPs

Anonymous:1875:NQr

Anonymous:1875:IIIs

Anonymous:1875:ICDb
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:DC1


Anonymous:1875:RAFs


Anonymous:1875:CRs


Anonymous:1875:Cv


Anonymous:1875:BNBj


Anonymous:1875:BPt


REFERENCES


REFERENCES

Anonymous:1875:Cw


Anonymous:1875:BPu


Anonymous:1875:NQt


Anonymous:1875:IIu


Anonymous:1875:IFMa


Anonymous:1875:PNA

REFERENCES

Anonymous:1875:SOa


Anonymous:1875:AL


Anonymous:1875:DHa


Anonymous:1875:CAE


Anonymous:1875:PLe


Anonymous:1875:DB


Anonymous:1875:LSb


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[7119] Anonymous. Communications received. Scientific American, 32(22):348, May 29, 1875. CODEN SCAMAC. ISSN 0036-8733
Anonymous:1875:BPw


Anonymous:1875:NQv


Anonymous:1875:IIw


Anonymous:1875:NSG


Anonymous:1875:OOE


Anonymous:1875:PRTb

REFERENCES


REFERENCES

Anonymous:1875:ESA


Anonymous:1875:CWa


Anonymous:1875:HSS


Anonymous:1875:RAFw


Anonymous:1875:CRw


Anonymous:1875:BPx


Anonymous:1875:BPx

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:B


Anonymous:1875:NGA


Anonymous:1875:ICPb


Rose:1875:PMj


Anonymous:1875:IPCc


Anonymous:1875:IBH

REFERENCES


REFERENCES


Anonymous:1875:CRy


Anonymous:1875:Caa


Anonymous:1875:BNBk


Anonymous:1875:BPz


Anonymous:1875:NQy


Anonymous:1875:IIz

REFERENCES

Anonymous:1875:PNP


Anonymous:1875:Ig


Anonymous:1875:GCR


Anonymous:1875:BPTa


Anonymous:1875:EAV


Anonymous:1875:KMDa


Anonymous:1875:BPGa


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:KMDc


Anonymous:1875:NHS


Anonymous:1875:RIG


Anonymous:1875:PA


Anonymous:1875:EBM


Anonymous:1875:IRS

Anonymous:1875:NGB


Anonymous:1875:NSRa


Anonymous:1875:ANh


Anonymous:1875:BRH


Rose:1875:PMk


Anonymous:1875:SPIq


Anonymous:1875:IGP

REFERENCES


[Anonymous:1875:ID]


[Anonymous:1875:MR]


[Anonymous:1875:BCP]


[Anonymous:1875:RAPab]


[Anonymous:1875:CRab]


[Anonymous:1875:CPs]

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:Cag


Anonymous:1875:Bpad


Anonymous:1875:NQac


Anonymous:1875:IIad


Anonymous:1875:RHP


Anonymous:1875:TC


Anonymous:1875:KMDel

REFERENCES

Anonymous:1875:NPR


Anonymous:1875:RCG


Anonymous:1875:SPIr


Anonymous:1875:IHY


Anonymous:1875:NPa


Anonymous:1875:NAS


Anonymous:1875:IRCa

REFERENCES


[7316] Anonymous. How to put up a water closet. *Scientific American*, 33(4):57, July 24, 1875. CODEN SCAMAC. ISSN 0036-
Anonymous:1875:RAFad


Anonymous:1875:CRad


Anonymous:1875:CPu


Anonymous:1875:Cah


Anonymous:1875:BNBl


Anonymous:1875:BPae


REFERENCES


REFERENCES

Anonymous:1875:Cai

Anonymous:1875:Fb

Anonymous:1875:SPIs

Anonymous:1875:JM

Anonymous:1875:DCr

Anonymous:1875:RAFae


REFERENCES


[7362] Anonymous. Improved elevator for granular matters. Scientific American, 33(6):82, August 7, 1875. CODEN SCAMAC. ISSN 0036-


REFERENCES


REFERENCES


Anonymous:1875:BPag


Anonymous:1875:BPag


Anonymous:1875:BPag


Anonymous:1875:BPag


Anonymous:1875:GIS


Anonymous:1875:GIS

REFERENCES


Anonymous. Index of inventions. Scientific American, 33(8):124, August 21, 1875. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES

Anonymous:1875:HGI

Anonymous:1875:UN

Anonymous:1875:USC

Anonymous:1875:QC

Anonymous:1875:COL

Anonymous:1875:ESB
REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:BAEb

Anonymous:1875:Ag

Anonymous:1875:SRS

Anonymous:1875:HSP

Anonymous:1875:NLRF

Anonymous:1875:JIB

Anonymous:1875:AEF
REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:WDW

Anonymous:1875:CPRa

Anonymous:1875:SBA

Anonymous:1875:DNB

Anonymous:1875:CSS

Anonymous:1875:SPIu
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:IFWb


Anonymous:1875:IEP


Anonymous:1875:CHG


Anonymous:1875:DHb


Anonymous:1875:Cau


Anonymous:1875:SBP

REFERENCES

科学美国人/journal/v33/n13/pdf/scientificamerican09251875-193a.pdf.


REFERENCES


Anonymous:1875:RAFam


Anonymous:1875:CRan


Anonymous:1875:CPae


Anonymous:1875:BPan


Anonymous:1875:NQam


Anonymous:1875:IIan


Anonymous:1875:ILM

REFERENCES


REFERENCES

1304


Anonymous:1875:WPS


Anonymous:1875:KIH


Anonymous:1875:MV


Anonymous:1875:BAN


Anonymous:1875:DCx


Anonymous:1875:RAFan

Anonymous:1875:CRao


Anonymous:1875:CPaf


Anonymous:1875:Cav


Anonymous:1875:BPao


Anonymous:1875:NQan


Anonymous:1875:IIao


Anonymous:1875:IDE


Anonymous. Universal field instrument. *Scientific American*, 33(15):226, October 9, 1875. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1875:NTR

Anonymous:1875:IFMc

Anonymous:1875:CWG

Anonymous:1875:IEb

Anonymous:1875:IRTb

Anonymous:1875:FEW
REFERENCES


REFERENCES


Anonymous:1875:Caw


Anonymous:1875:BNBo


Anonymous:1875:BPap


Anonymous:1875:NQao


Anonymous:1875:IIap


Anonymous:1875:ETG

REFERENCES


REFERENCES

Anonymous:1875:IIMa

Anonymous:1875:TSR

Anonymous:1875:LCA

Rose:1875:PMs

Anonymous:1875:ITU

Anonymous:1875:HSBb


REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:SFB


Anonymous:1875:LFA


Anonymous:1875:NGRa


Anonymous:1875:CBP


Anonymous:1875:IVH


Anonymous:1875:PSEb


REFERENCES

Anonymous:1875:LSC


Anonymous:1875:PAT


Anonymous:1875:FPR


Anonymous:1875:KMDh


Anonymous:1875:FAIe


Anonymous:1875:ITK


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:RAFat

Anonymous:1875:NAIa

Anonymous:1875:NMEb

Anonymous:1875:NHAa

Anonymous:1875:NWHa

Anonymous:1875:NCMa
REFERENCES

1327


Anonymous:1875:CRat


Anonymous:1875:CPal


Anonymous:1875:BNBq


Anonymous:1875:BPat


Anonymous:1875:NQas


Anonymous:1875:IIat

REFERENCES


REFERENCES


REFERENCES


REFERENCES

(1331)


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:PHL


Anonymous:1875:YS


Anonymous:1875:MUIa


Anonymous:1875:PBN


Anonymous:1875:RAFav


Anonymous:1875:NHAc

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:SACa


Anonymous:1875:SBd


Rose:1875:PMv


Anonymous:1875:CHS


Anonymous:1875:Ah


Anonymous:1875:Sj


Morton:1875:NC

[7792] Henry Morton. A new chromatrope. Scientific American, 33 (22):344, November 27, 1875. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1875:NHAd


Anonymous:1875:CRaw


Anonymous:1875:Caaa


Anonymous:1875:Caab


Anonymous:1875:BNTb


Anonymous:1875:BPaaw


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1875:RIF


Morton:1875:NRB


Anonymous:1875:PSM


Anonymous:1875:DP


Anonymous:1875:ISCb


Anonymous:1875:KTH

REFERENCES


REFERENCES


REFERENCES

Anonymous:1875:TSb


Anonymous:1875:AAT


Anonymous:1875:KIS


Anonymous:1875:NDS


Anonymous:1875:FLM


Rose:1875:PMx

REFERENCES


REFERENCES


Anonymous:1876:BPa

Anonymous:1876:NQa

Anonymous:1876:IIa

Anonymous:1876:SM

Anonymous:1876:EFW

Anonymous:1876:E

Anonymous:1876:PE
REFERENCES


REFERENCES

1364


Morton:1876:ANC


Anonymous:1876:ISSa


Anonymous:1876:ISFa


Anonymous:1876:CSE


Anonymous:1876:TS


Anonymous:1876:DCa


Anonymous. Canadian patents. *Scientific American*, 34(1):12, January 1, 1876. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087...
REFERENCES

Anonymous: 1876: Ca

Anonymous: 1876: B Pb

Anonymous: 1876: N Q b

Anonymous: 1876: I I b

Anonymous: 1876: N Y A a

Anonymous: 1876: N U E
REFERENCES


REFERENCES

Anonymous:1876:SDO


Rose:1876:PMa


Anonymous:1876:IRRa


Anonymous:1876:IFGa


Anonymous:1876:Ab


Anonymous:1876:GR


Anonymous:1876:BBH


[Anonymous:1876:RCF]


[Anonymous:1876:RAFb]


[Anonymous:1876:NMEb]


[Anonymous:1876:NHAAb]


[Anonymous:1876:NAIAb]


[Anonymous:1876:CRb]
REFERENCES


REFERENCEs


Anonymous:1876:IBF


Anonymous:1876:J


Anonymous:1876:NNT


Anonymous:1876:SPIb


Anonymous:1876:DCb


Anonymous:1876:RAFc


REFERENCES


REFERENCES


REFERENCES


Anonymous:1876:GSa


Anonymous:1876:CCM


Beard:1876:NND


Anonymous:1876:DCc


Anonymous:1876:RAFd


Anonymous:1876:NMEEd

REFERENCES


Anonymous:1876:NQe


Anonymous:1876:IIe


Anonymous:1876:IGAa


Anonymous:1876:SHTa


Anonymous:1876:GNTa


Anonymous:1876:IMb

Anonymous: 1876: SSIa


Anonymous: 1876: IFPa


Anonymous: 1876: RCEa


Anonymous: 1876: Cd


Anonymous: 1876: BCa


Anonymous: 1876: IBSa


Anonymous: 1876: SSGa

REFERENCES

Anonymous:1876:PFa


Anonymous:1876:SPId


Anonymous:1876:Pa


Anonymous:1876:DCd


Anonymous:1876:RAFe


Anonymous:1876:NCMb


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:MM

Anonymous:1876:PGJ

Anonymous:1876:RSC

Anonymous:1876:HGBa

Anonymous:1876:NIB

Anonymous:1876:NAR
REFERENCES

Anonymous:1876:WME


Anonymous:1876:MDb


Anonymous:1876:BSA


Rose:1876:PMc


Anonymous:1876:ISA


Anonymous:1876:HCE

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[8138] Anonymous. Improved adjustable almanac. *Scientific American*, 34(7):102, February 12, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1876:IJS


Anonymous:1876:FH


Anonymous:1876:PL


Anonymous:1876:RAFh


Anonymous:1876:NCMe


Anonymous:1876:NAIh

REFERENCES


REFERENCES

Anonymous:1876:IIi


Anonymous:1876:IDC


Anonymous:1876:KWP


Anonymous:1876:OD


Anonymous:1876:AA


Anonymous:1876:IO


Anonymous:1876:NWM


Anonymous:1876:IBBa


Anonymous:1876:ICRa


Anonymous:1876:ICBa


Anonymous:1876:HDG


Anonymous:1876:DCf


Anonymous:1876:RAFi

Anonymous:1876:NAli


Anonymous:1876:NTMd


Anonymous:1876:NWHe


Anonymous:1876:NCMf


Anonymous:1876:CRi


Anonymous:1876:Ck

REFERENCES


[8183] Anonymous. The oil resources of Africa. *Scientific American*, 34(9):128–129, February 26, 1876. CODEN SCAMAC. ISSN 0036-
Anonymous:1876:ANI


Anonymous:1876:CWP


Anonymous:1876:RPE


Anonymous:1876:NAF


Anonymous:1876:PIW


Anonymous:1876:ILM

REFERENCES

Anonymous:1876:ISCc

Anonymous:1876:SFB

Anonymous:1876:IBA

Anonymous:1876:NM

Rose:1876:PMd

Anonymous:1876:ILD
REFERENCES

Anonymous:1876:WRI

Anonymous:1876:CWG

Anonymous:1876:EPA

Anonymous:1876:SPIg

Anonymous:1876:DCg

Anonymous:1876:RAFj


Anonymous:1876:PCL


Falke:1876:NPSa


Anonymous:1876:IHT


Anonymous:1876:NRP


Anonymous:1876:RDH


Anonymous:1876:CPj

Anonymous:1876:MPI


Anonymous:1876:DCh


Anonymous:1876:RAFk


Anonymous:1876:NAIk


Anonymous:1876:NCMh


Anonymous:1876:NWHg

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:BASb


Anonymous:1876:MPa


Anonymous:1876:FET


Anonymous:1876:USM


VanderWeyde:1876:AIM


Anonymous:1876:SPIh


Anonymous:1876:ICFa

REFERENCES

Anonymous: 1876: DSa

Anonymous: 1876: ISRa

Anonymous: 1876: IHM

Anonymous: 1876: PLM

Anonymous: 1876: NMD

Anonymous: 1876: IATa
REFERENCES


[8290] Anonymous. New agricultural inventions. *Scientific American*, 34(12):185, March 18, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES


REFERENCES

1422


Anonymous:1876:DCk


Anonymous:1876:RAFn


Anonymous:1876:NAIm


Anonymous:1876:NWHi


Anonymous:1876:NCMj


Anonymous:1876:NHAi

REFERENCES


Anonymous:1876:BAT

Anonymous:1876:NEC

Anonymous:1876:SCa

Anonymous:1876:MAa

Anonymous:1876:FPB

Anonymous:1876:FWb
REFERENCES


[8335] A. Ricco. Singular electrical experiments. *Scientific American*, 34(14):212–213, April 1, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1876:IIp


Anonymous:1876:DCl


Anonymous:1876:RAFo


Anonymous:1876:NCMk


Anonymous:1876:CRo


Anonymous:1876:Cs

REFERENCES

Anonymous:1876:BPp

Anonymous:1876:NQp

Anonymous:1876:IIq

Anonymous:1876:SRE

Anonymous:1876:ICN

Anonymous:1876:CEE

Anonymous:1876:BVC
Anonymous:1876:AR


Anonymous:1876:CBB


Anonymous:1876:CMM


Anonymous:1876:PBa


Anonymous:1876:PPB


Anonymous:1876:PHR

Anonymous:1876:MAb


Anonymous:1876:CTN


Anonymous:1876:SCCa


Anonymous:1876:NGP


VanderWeyde:1876:AI


Rose:1876:PMg


Anonymous:1876:PCEa

[8361] Anonymous. Progress of the Centennial Exhibition. Scientific American, 34(15):229, April 8, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1876:IWP


Anonymous:1876:WLR


Anonymous:1876:RMM


Anonymous:1876:NAG


Anonymous:1876:AFb


Anonymous:1876:ANd

REFERENCES


REFERENCES

Anonymous:1876:NHAj


Anonymous:1876:CRp


Anonymous:1876:Ct


Anonymous:1876:BNBi


Anonymous:1876:BPq


Anonymous:1876:NQq


Anonymous:1876:IIr

REFERENCES


REFERENCES

Anonymous:1876:IEP


Anonymous:1876:IFWa


Anonymous:1876:HPP


Anonymous:1876:IKF


Anonymous:1876:MSa


Anonymous:1876:NLE


Deane:1876:SFG

[8393] John. C. Deane. Simple form of the gyroscope. Scientific American, 34(16):244, April 15, 1876. CODEN SCAMAC. ISSN 0036-


REFERENCES

Anonymous:1876:LMS

Anonymous:1876:BASd

Anonymous:1876:WWS

Anonymous:1876:POA

Anonymous:1876:STLa

Anonymous:1876:FPC
Anonymous:1876:PUS


Anonymous:1876:IUA


Anonymous:1876:ILCa


Anonymous:1876:IPCa


Anonymous:1876:IEMa


Anonymous:1876:NPP

REFERENCES

Bartlett:1876:EVB


Rose:1876:PMh


Anonymous:1876:IGC


Anonymous:1876:MIH


Anonymous:1876:IMO


Anonymous:1876:RFF

REFERENCES


REFERENCES


REFERENCES


Anonymous:1876:NBPa


Anonymous:1876:LB


Anonymous:1876:PEP


Anonymous:1876:VPa


Anonymous:1876:WTS


Anonymous:1876:DMM

REFERENCES


[8456] Anonymous. Improved adjustable pipe tongs. *Scientific American*, 34(18):274, April 29, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:GSB


Anonymous:1876:ORR


Anonymous:1876:AEM


Anonymous:1876:WPW


Anonymous:1876:LAB


Anonymous:1876:ROS

Anonymous:1876:ITP


Anonymous:1876:HDP


Anonymous:1876:HDF


Anonymous:1876:NLP


Anonymous:1876:BIO


Anonymous:1876:CIT

REFERENCES


REFERENCES


Anonymous:1876:ASMa


Anonymous:1876:PCa


Anonymous:1876:IATc


Anonymous:1876:SFV


Anonymous:1876:IMSa


Anonymous:1876:IKBb

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1876:PNPb


Anonymous:1876:AGa


Anonymous:1876:APIa


Anonymous:1876:RS


Anonymous:1876:FAC


Anonymous:1876:OC


Anonymous:1876:CIEb

Anonymous:1876:NYAb


Anonymous:1876:SEG


Anonymous:1876:N


Anonymous:1876:IMSb


Anonymous:1876:ISRb


Anonymous:1876:ISSb

REFERENCES

Anonymous:1876:IRG


Anonymous:1876:WIW


Anonymous:1876:DCq


Anonymous:1876:RAFw


Anonymous:1876:NTMg


Anonymous:1876:NCMo


Anonymous:1876:NWHp

REFERENCES

URL http://www.nature.com/scientificamerican/journal/v34/n22/pdf/scientificamerican05271876-345c.pdf.

Anonymous:1876:NHAp


Anonymous:1876:NAIt


Anonymous:1876:CRw


Anonymous:1876:BNBl


Anonymous:1876:BPx


Anonymous:1876:NQx

REFERENCES

Anonymous:1876:IHy

Anonymous:1876:PNPc

Anonymous:1876:CEG

Anonymous:1876:APIb

Anonymous:1876:PCC

Anonymous:1876:SCB

Anonymous:1876:CBN
REFERENCES


Anonymous:1876:MTT


Anonymous:1876:SHSb


Anonymous:1876:CDCa


Anonymous:1876:CDCb


Anonymous:1876:CSW


Anonymous:1876:SPIm

REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:CCG


Anonymous:1876:MAI


Anonymous:1876:ANf


Anonymous:1876:SPL


Anonymous:1876:ITWa


Anonymous:1876:IBSc


REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:IACb


Anonymous:1876:ICH


Anonymous:1876:NCMq


Anonymous:1876:CUT


Rose:1876:PMI


Anonymous:1876:ICPb


REFERENCES


Anonymous:1876:Cab


Anonymous:1876:BPaa


Anonymous:1876:NQaa


Anonymous:1876:IIab


Anonymous:1876:PNPf


Anonymous:1876:la


Anonymous:1876:COa

Anonymous. Crystallized osmium. *Scientific American*, 34(26):400, June 24, 1876. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES

Anonymous:1876:EV


Anonymous:1876:IMf


Anonymous:1876:DN


Anonymous:1876:CEf


Anonymous:1876:MHG


Anonymous:1876:IBD

REFERENCES

Anonymous:1876:NSL


Anonymous:1876:SKT


Anonymous:1876:NSB


Anonymous:1876:Pd


Anonymous:1876:CHB


Anonymous:1876:HMP


Anonymous:1876:PP

REFERENCES

Anonymous: 1876: IPPa

Anonymous: 1876: AIB

Anonymous: 1876: CCSa

Anonymous: 1876: MDBa

Anonymous: 1876: RAFaa

Anonymous: 1876: NCMs


REFERENCES

Anonymous:1876:PNPg

Anonymous:1876:SCe

Anonymous:1876:GRE

Anonymous:1876:NIE

Anonymous:1876:WMH

Anonymous:1876:FFb

Anonymous:1876:MT


REFERENCES

Anonymous:1876:BPac

Anonymous:1876:NQac

Anonymous:1876:IIad

Anonymous:1876:PNPh

Anonymous:1876:IUM

Anonymous:1876:PAS

Anonymous:1876:WWR


Anonymous. Improved automatic signal buoy. *Scientific American*, 35(2):19–20, July 8, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES

Anonymous:1876:CRea


Anonymous:1876:Ce


Anonymous:1876:BNBp


Anonymous:1876:BPad


Anonymous:1876:NQad


Anonymous:1876:Hae


Anonymous:1876:PNPi

REFERENCES

Anonymous:1876:BRS


Anonymous:1876:LL


Anonymous:1876:OAG


Anonymous:1876:Caf


Anonymous:1876:BO


Anonymous:1876:CEj


Anonymous:1876:NMMa

REFERENCEs


Anonymous:1876:TPR


Dunmore:1876:PC


Anonymous:1876:IWB


Anonymous:1876:IRRb


Anonymous:1876:AMd


Rose:1876:THS

REFERENCES


REFERENCES


REFERENCES


Anonymous:1876:NQae


Anonymous:1876:IIaf


Anonymous:1876:PNPj


Anonymous:1876:CECa


Anonymous:1876:SCW


Anonymous:1876:DGC

REFERENCES


Anonymous:1876:ITB


Anonymous:1876:NMMc


Anonymous:1876:FFC


Rose:1876:PMn


Anonymous:1876:IAPb


Anonymous:1876:ICBb

REFERENCES

Anonymous:1876:ISGb


Anonymous:1876:ICFb


Anonymous:1876:WPb


Anonymous:1876:MPb


Anonymous:1876:OPd


Anonymous:1876:DCu


Anonymous:1876:RAFae

REFERENCES


Anonymous:1876:NCMv


Anonymous:1876:NWHu


Anonymous:1876:NAIz


Anonymous:1876:CRae


Anonymous:1876:Cag


Anonymous:1876:BPaf

REFERENCES


REFERENCES

Anonymous:1876:PGN

Anonymous:1876:OPL

Anonymous:1876:OIE

Anonymous:1876:ICBc

Anonymous:1876:NMSa

Anonymous:1876:NER
REFERENCES

Anonymous:1876:NSGa


Anonymous:1876:IHE


Anonymous:1876:HDA


Anonymous:1876:ITWb


Anonymous:1876:NEB


Anonymous:1876:TEU


Anonymous:1876:ICCb

REFERENCES


Anonymous:1876:ISGc


Anonymous:1876:IHA


Anonymous:1876:JSA


Anonymous:1876:NYAd


Anonymous:1876:IRJa


Anonymous:1876:DCv

REFERENCES


REFERENCES


Anonymous. Steam hand car — miniature railroad train. *Scientific American*, 35(6):79, August 5, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1876:WTIa


Anonymous:1876:AGG


Anonymous:1876:MVS


Anonymous:1876:CMP


Anonymous:1876:CEl


Anonymous:1876:CAS

Anonymous:1876:UPN


Anonymous:1876:NCEa


Anonymous:1876:BOM


Rose:1876:PMo


Anonymous:1876:IAPc


Anonymous:1876:FIL


Anonymous:1876:ICRb

REFERENCES


Anonymous:1876:GWK


Anonymous:1876:SWK


Anonymous:1876:CFI


Anonymous:1876:IRJb


Anonymous:1876:OCC


Anonymous:1876:RAFag


REFERENCES


REFERENCES

Anonymous:1876:IFPc


Anonymous:1876:MIW


Anonymous:1876:ISWa


Anonymous:1876:SRC


Anonymous:1876:NIP


Anonymous:1876:ETC


Anonymous:1876:IDH

[8905] Anonymous. Improved device for heating air for furnaces. *Scientific American*, 35(7):102, August 12, 1876. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1876:ISE

Anonymous:1876:ISGd

Anonymous:1876:BTI

Anonymous:1876:DCw

Anonymous:1876:RAFah

Anonymous:1876:NCMy


REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:EFT


Anonymous:1876:RAFai


Anonymous:1876:NHIf


Anonymous:1876:NMEq


Anonymous:1876:NAIiac


Anonymous:1876:NCMz

REFERENCES


[8949] Anonymous. Index of inventions. *Scientific American*, 35(9):140, August 26, 1876. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES


Anonymous:1876:PNp0

Anonymous:1876:IHF

Anonymous:1876:PMA

Anonymous:1876:SSa

Anonymous:1876:AGb

Anonymous:1876:SAR
REFERENCES


REFERENCES


REFERENCES


Anonymous:1876:IDMa


Anonymous:1876:IWMb


Anonymous:1876:IS Rc


Anonymous:1876:ECU


Anonymous:1876:FLG


Anonymous:1876:NP

Anonymous:1876:SA


Anonymous:1876:IBL


Anonymous:1876:DIWa


Anonymous:1876:IWMc


Anonymous:1876:WDE


Anonymous:1876:OB

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1876:NTMl


Anonymous:1876:NAIaf


Anonymous:1876:CRal


Anonymous:1876:VPh


Anonymous:1876:Cam


Anonymous:1876:BNBt


Anonymous:1876:CEHa


Anonymous:1876:CCd


Anonymous:1876:SMM


Anonymous:1876:SNL


Anonymous:1876:BJV


Anonymous:1876:DHP

Anonymous:1876:HSS


Anonymous:1876:MSb


Anonymous:1876:AAD


Anonymous:1876:LRE


Anonymous:1876:WIP


Anonymous:1876:BSG

Anonymous:1876:HAF


Anonymous:1876:PAa


Anonymous:1876:NCEb


Anonymous:1876:PAAn


Anonymous:1876:RAFam


Anonymous:1876:NCMac

REFERENCES


REFERENCES


Anonymous:1876:PEC


Anonymous:1876:SDM


Anonymous:1876:NCTb


Anonymous:1876:NRM


Anonymous:1876:CCe


Anonymous:1876:ASS


REFERENCES

Anonymous:1876:NWHab


Anonymous:1876:NAIah


Anonymous:1876:NHIj


Anonymous:1876:CRan


Anonymous:1876:VPj


Anonymous:1876:Cao


Anonymous:1876:AER


Anonymous:1876:FSV


Anonymous:1876:OI


Anonymous:1876:VDC


Anonymous:1876:ALS


Anonymous:1876:ICSc

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1876:NG


Anonymous:1876:SHG


Anonymous:1876:MI


Anonymous:1876:OO


Rose:1876:PMr


Anonymous:1876:NMMd


Anonymous:1876:ILBa

Anonymous:1876:ISV


Anonymous:1876:VWD


Anonymous:1876:CNd


Anonymous:1876:RNa


Anonymous:1876:FAI


Anonymous:1876:DCx

REFERENCES


Anonymous:1876:TSF

Anonymous:1876:WM

Anonymous:1876:IEU

Anonymous:1876:HGBb

Anonymous:1876:CAr

Anonymous:1876:CSD
Anonymous:1876:IBBb

Anonymous:1876:PLT

Anonymous:1876:LPCb

Anonymous:1876:AUI

Rose:1876:PMs

Anonymous:1876:ICLb
REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:PHM

Anonymous:1876:ACP

Anonymous:1876:SSc

Anonymous:1876:IMPd

Anonymous:1876:ILCb

Anonymous:1876:INE
REFERENCES


REFERENCES

Anonymous:1876:MSS


Anonymous:1876:ROM


Anonymous:1876:SBP


Anonymous:1876:BG


Anonymous:1876:PSM


Anonymous:1876:RST


REFERENCES

Anonymous:1876:NMId


Anonymous:1876:CRar


Anonymous:1876:VPo


Anonymous:1876:Cau


Anonymous:1876:BNBx


Anonymous:1876:BPas

Anonymous:1876:NQas


Anonymous:1876:IIat


Anonymous:1876:PNPv


Anonymous:1876:IMSc


Anonymous:1876:IMAAa


Anonymous:1876: SEA

REFERENCES


REFERENCES


Anonymous:1876:ILR


Anonymous:1876:WFB


Anonymous:1876:CP1


Anonymous:1876:CNf


Anonymous:1876:CWC


Anonymous:1876:NAIal

Anonymous:1876:RAFas

Anonymous:1876:NAIam

Anonymous:1876:NMIe

Anonymous:1876:NHIo

Anonymous:1876:NWHag

Anonymous:1876:CRas
REFERENCES


REFERENCES


Anonymous:1876:CSL


Anonymous:1876:CCSb


Anonymous:1876:RHC


Anonymous:1876:HBb


Anonymous:1876:B


Anonymous:1876:MCc

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[9328] Anonymous. Correspondence. Scientific American, 35(21):324, November 18, 1876. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087
REFERENCES

Anonymous:1876:BNBz


Anonymous:1876:BPav


Anonymous:1876:NQav


Anonymous:1876:IPS


Anonymous:1876:OEH


Anonymous:1876:SSd

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous: 1876: IBg


Anonymous: 1876: NI


Anonymous: 1876: LRb


Rose: 1876: PMv


Anonymous: 1876: RTL


Anonymous: 1876: CGL

REFERENCES

Anonymous:1876:COP


Anonymous:1876:BOA


Anonymous:1876:CNJ


Anonymous:1876:RAFaw


Anonymous:1876:NAIaq


Anonymous:1876:NMEw

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1876:NWHak


Anonymous:1876:NAIar


Anonymous:1876:NTMo


Anonymous:1876:NMIi


Anonymous:1876:CRax


Anonymous:1876:VPu

REFERENCES


REFERENCES

Anonymous:1876:OR


Anonymous:1876:VDE


Anonymous:1876:VFW


Anonymous:1876:NYAf


Anonymous:1876:NE


Anonymous:1876:CCk


REFERENCES


REFERENCES

Anonymous:1876:NTMp


Anonymous:1876:NWHal


Anonymous:1876:NMEx


Anonymous:1876:NMIj


Anonymous:1876:CRay


Anonymous:1876:VPHb

REFERENCES

Anonymous:1876:Caac


Anonymous:1876:BPaz


Anonymous:1876:NQaz


Anonymous:1876:IIay


Anonymous:1876:PNPaa


Anonymous:1876:NRDb

Anonymous:1876:PHI


Anonymous:1876:PCg


Anonymous:1876:ES


Anonymous:1876:GCB


Anonymous:1876:IDS


Anonymous:1876:LFB


REFERENCES


REFERENCES


Anonymous: 1876: TFT


Anonymous: 1876: SLA


Anonymous: 1876: NCH


Anonymous: 1876: BAE


Anonymous: 1876: SBVb


Anonymous: 1876: OSb

Anonymous:1876:CRaaa


Anonymous:1877:BNBa


Anonymous:1877:BPa


Anonymous:1877:NQa


Anonymous:1877:IIa


Anonymous:1877:BAC


Anonymous:1877:WTT

REFERENCES


Anonymous:1877:UTSa


Anonymous:1877:DGT


Anonymous:1877:FUC


Anonymous:1877:NSCa


Anonymous:1877:NEF


Anonymous:1877:WRL

Anonymous:1877:PBM


Anonymous:1877:IIC


Anonymous:1877:IPGa


Anonymous:1877:CAa


Anonymous:1877:TPF


Rose:1877:PMa


Anonymous:1877:MCa

REFERENCES


Anonymous:1877:BPb


Anonymous:1877:NQb


Anonymous:1877:IIb


Anonymous:1877:PNPa


Anonymous:1877:PMa


Anonymous:1877:BHM


Anonymous:1877:PP

Anonymous: 1877: OSG


Anonymous: 1877: CMa


Anonymous: 1877: MRCa


Anonymous: 1877: RCp


Anonymous: 1877: TG


Anonymous: 1877: CPV

REFERENCES


REFERENCES


REFERENCES

Anonymous:1877:CRb


Anonymous:1877:BPc


Anonymous:1877:NQc


Anonymous:1877:PNPb


Anonymous:1877:BFE


Anonymous:1877:PCP

REFERENCES

Anonymous:1877:GDA


Anonymous:1877:MHTa


Anonymous:1877:MDD


Anonymous:1877:CPL


Anonymous:1877:RAE


Hachenberg:1877:NH

REFERENCES


REFERENCES


Anonymous: 1877: IDa


Anonymous: 1877: NHG


Anonymous: 1877: NDM


Anonymous: 1877: ICS


Anonymous: 1877: PMI


Anonymous: 1877: Cd

REFERENCES


Anonymous:1877:DCd


Anonymous:1877:RAFd


Anonymous:1877:NAIc


Anonymous:1877:NMId


Anonymous:1877:NMEc


Anonymous:1877:CRd

REFERENCES


[9634] Anonymous. Some suggestions for future polar expeditions. *Scientific American*, 36(5):64, February 3, 1877. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES

Anonymous:1877:NFS


Anonymous:1877:NH


Anonymous:1877:NYAb


Anonymous:1877:HDa


Anonymous:1877:Ce


Rose:1877:PMc


Anonymous:1877:RAFe

Anonymous:1877:NAId

Anonymous:1877:NMIe

Anonymous:1877:NHIC

Anonymous:1877:NWHe

Anonymous:1877:CRe
Anonymous:1877:BPf


Anonymous:1877:NQf


Anonymous:1877:IIf


Anonymous:1877:PNPe


Anonymous:1877:NHR


Anonymous:1877:FAa
REFERENCES


Anonymous:1877:ILTa


Anonymous:1877:RAFf


Anonymous:1877:NHId


Anonymous:1877:NMIf


Anonymous:1877:NAIe


Anonymous:1877:NWHc

REFERENCES


REFERENCES


REFERENCES


Anonymous:1877:NHIe


Anonymous:1877:NAIf


Anonymous:1877:CRg


Anonymous:1877:BNBe


Anonymous:1877:BPh


Anonymous:1877:NQh

REFERENCES


REFERENCES

1646


Anonymous:1877:WMR


Anonymous:1877:ITH


Anonymous:1877:HP


Anonymous:1877:Ch


Anonymous:1877:NYAc


Anonymous:1877:ARP

REFERENCES

1647


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1877:IB

Anonymous:1877:NAa

Anonymous:1877:DIY

Anonymous:1877:NYAd

Anonymous:1877:RAFj
REFERENCES

Anonymous:1877:NTIa


Anonymous:1877:NAIg


Anonymous:1877:NMIi


Anonymous:1877:NMEf


Anonymous:1877:NWHf


Anonymous:1877:CRj

REFERENCES


REFERENCES

1658


Anonymous:1877:ELR


Anonymous:1877:IRN


Anonymous:1877:WPa


Anonymous:1877:PRPa


Anonymous:1877:RLG


Anonymous:1877:SMa

REFERENCES


REFERENCES

1660


REFERENCES

Anonymous:1877:NQl

Anonymous:1877:IIk

Anonymous:1877:PNPk

Prescott:1877:PT

Anonymous:1877:SAM

Anonymous:1877:EKL
Anonymous:1877:LANb


Anonymous:1877:LDS


Anonymous:1877:NEP


Anonymous:1877:NEMa


Anonymous:1877:NKM


Anonymous:1877:C1


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1877:EMb

Anonymous:1877:NFW

Anonymous:1877:SMP

Anonymous:1877:Co

Anonymous:1877:SWI

Anonymous:1877:NLT
Anonymous:1877:IVS


Anonymous:1877:SML


Anonymous:1877:ANd


Schuch:1877:SCN


Anonymous:1877:NYAe


Anonymous:1877:RAFm

REFERENCES

Anonymous:1877:NAIk


Anonymous:1877:NHIh


Anonymous:1877:NWHi


Anonymous:1877:NMIm


Anonymous:1877:CRn


Anonymous:1877:BNBi

REFERENCES


REFERENCES


Anonymous:1877:ACR


Anonymous:1877:EEN


Anonymous:1877:SEE


Anonymous:1877:GSB


Anonymous:1877:SSP


Anonymous:1877:PRD


REFERENCES

Anonymous:1877:AIT


Anonymous:1877:CFI


Anonymous:1877:DCg


Anonymous:1877:RAFn


Anonymous:1877:NMIn


Anonymous:1877:NWHj

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1877:NHE


Anonymous:1877:MGR


Anonymous:1877:IYS


Anonymous:1877:PGT


Anonymous:1877:FPS


Anonymous:1877:CTa

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1877:RAFr


Anonymous:1877:NHIj


Anonymous:1877:NWHm


Anonymous:1877:NMIr


Anonymous:1877:NMEEm


Anonymous:1877:NAIo

Anonymous:1877:CRs


Anonymous:1877:BNBk


Anonymous:1877:BPt


Anonymous:1877:NQs


Anonymous:1877:IIIs


Anonymous:1877:PNPr


Anonymous:1877:NLSa

REFERENCES

Anonymous:1877:PSE


Anonymous:1877:RIP


Anonymous:1877:NSBa


Anonymous:1877:NEC


Anonymous:1877:WFW


Anonymous:1877:LHA

REFERENCES


[10041] Anonymous. Improved high speed dry air compressor. *Scientific American*, 36(20):310, May 19, 1877. CODEN SCAMAC. ISSN 0036-
REFERENCES

1696


Anonymous:1877:KAR


Anonymous:1877:CPT


Anonymous:1877:RK


Anonymous:1877:DCi


Anonymous:1877:RAFs


Anonymous:1877:NMIls

REFERENCES

Anonymous:1877:NME\textsubscript{En}


Anonymous:1877:NWH\textsubscript{Hn}


Anonymous:1877:NAI\textsubscript{Ip}


Anonymous:1877:NTI\textsubscript{Ee}


Anonymous:1877:NHI\textsubscript{Ik}


Anonymous:1877:CRt

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1877:NGB

Anonymous:1877:EC

Anonymous:1877:Cy

Morton:1877:PIC

Anonymous:1877:ANf

Anonymous:1877:GIH
REFERENCES


[10099] Anonymous. Recent American and foreign patents. *Scientific American*, 36(22):345, June 2, 1877. CODEN SCAMAC. ISSN 0036-
REFERENCES


REFERENCES


REFERENCES

Anonymous:1877:Cz


Rose:1877:PMk


Anonymous:1877:IRJa


Anonymous:1877:MIR


Anonymous:1877:NF


Anonymous:1877:SEF

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1877:IDPa


Anonymous:1877:ICMc


Anonymous:1877:IHB


Rose:1877:PMl


Anonymous:1877:Cad


Anonymous:1877:NGE

REFERENCES


Anonymous:1877:NWHq


Anonymous:1877:CRx


Anonymous:1877:BNBp


Anonymous:1877:BPz


Anonymous:1877:NQy


Anonymous:1877:Ily

REFERENCES


REFERENCES

Anonymous:1877:IPP


Anonymous:1877:PEM


Anonymous:1877:Cae


Hallock:1877:NLE


Anonymous:1877:SMC


Anonymous:1877:FVS

Anonymous:1877:NMSb


Anonymous:1877:IBTa


Anonymous:1877:IG


Anonymous:1877:IMa


Anonymous:1877:AMa


Anonymous:1877:DCm


Anonymous:1877:RAFy


Anonymous:1877:NWHr


Anonymous:1877:NHIo


Anonymous:1877:NMIy


Anonymous:1877:NMEt


Anonymous:1877:NAIIt

Anonymous. Communications received. *Scientific American*, 36(26):410, June 30, 1877. CODEN SCAMAC. ISSN 0036-8733
REFERENCES

Anonymous:1877:BPaa


Anonymous:1877:NQNb


Anonymous:1877:IIz


Anonymous:1877:PNPy


Anonymous:1877:MMS


Anonymous:1877:NPa


REFERENCES

Anonymous:1877:IPGb


Anonymous:1877:AGb


Anonymous:1877:Fac


Anonymous:1877:Pf


Rose:1877:PMm


Anonymous:1877:Caf


Anonymous:1877:AnG


Anonymous:1877:CRz


Anonymous:1877:BNBq


Anonymous:1877:BPab


Anonymous:1877:NQz


Anonymous:1877:IIaa


Anonymous:1877:PNPz


Anonymous:1877:BPAc


REFERENCES


REFERENCES


REFERENCES


Anonymous:1877:NHIp


Anonymous:1877:NMEv


Anonymous:1877:NMIaa


Anonymous:1877:CRaa


Anonymous:1877:BPAd


Anonymous:1877:NQaa

REFERENCES


REFERENCES

Anonymous:1877:GEH


Anonymous:1877:Cag


Rose:1877:PMn


Anonymous:1877:IHCb


Anonymous:1877:GBa


Anonymous:1877:NIT

REFERENCES


REFERENCES


Anonymous:1877:NWHu


Anonymous:1877:NAIw


Anonymous:1877:NHIq


Anonymous:1877:NMiab


Anonymous:1877:CRab


Anonymous:1877:BNBr

REFERENCES


Anonymous. Improved faucet. *Scientific American*, 37(4):50, July 28, 1877. CODEN SCAMAC. ISSN 0036-
Anonymous:1877:IRGb


Anonymous:1877:AIB


Anonymous:1877:SSc


Anonymous:1877:SWA


Anonymous:1877:GIO


Anonymous:1877:HDb


REFERENCES

Anonymous:1877:NAIx


Anonymous:1877:NMEx


Anonymous:1877:NWHv


Anonymous:1877:NMIac


Anonymous:1877:NHIr


Anonymous:1877:CRac

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1877:WEJ


Anonymous:1877:K


Anonymous:1877:EMc


Anonymous:1877:WHa


Anonymous:1877:RAFae


Anonymous:1877:NMIae


REFERENCES

Anonymous:1877:DOS

Anonymous:1877:EF

Anonymous:1877:SLN

Anonymous:1877:DEb

Anonymous:1877:IW

Anonymous:1877:IDb
REFERENCES


[10418] Anonymous. The curly-haired antelope. *Scientific American*, 37(7):103–104, August 18, 1877. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1877:KG


Anonymous:1877:FFB


Anonymous:1877:RAFaf


Anonymous:1877:NMEaa


Anonymous:1877:NMIaf


Anonymous:1877:NHIu


REFERENCES


Anonymous:1877:IAFa


Anonymous:1877:IUS


Anonymous:1877:HMR


Anonymous:1877:GPc


Anonymous:1877:EG


Seiss:1877:ACS


Anonymous:1877:AGT

REFERENCES

Anonymous:1877:WIHc


Anonymous:1877:RAFag


Anonymous:1877:NMEab


Anonymous:1877:NMIag


Anonymous:1877:NAIab


Anonymous:1877:NWHHz

REFERENCES


Anonymous:1877:CRag


Anonymous:1877:BPaj


Anonymous:1877:NQag


Anonymous:1877:IHah


Anonymous:1877:PNPag


Anonymous:1877:EPMb

REFERENCES


REFERENCES

1762

Anonymous: 1877: MN


Anonymous: 1877: Can


Anonymous: 1877: HRB


Anonymous: 1877: ANi


Anonymous: 1877: CTb


Anonymous: 1877: IME

REFERENCES


Anonymous:1877:KMD


Anonymous:1877:E


Anonymous:1877:ES


Anonymous:1877:RAFah


Anonymous:1877:NMEac


Anonymous:1877:NMIah

Anonymous:1877:NAIac


Anonymous:1877:NTIk


Anonymous:1877:NHIv


Anonymous:1877:CRah


Anonymous:1877:BNBt


Anonymous:1877:BPak

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1877:PNPai


Anonymous:1877:IRJb


Anonymous:1877:IMC


Anonymous:1877:AFF


Anonymous:1877:IMb


Orton:1877:SIP

REFERENCES


REFERENCES

Anonymous:1877:AIF

Anonymous:1877:Cap

Rose:1877:PMp

Anonymous:1877:HIB

Anonymous:1877:EAI

Seiss:1877:BT
REFERENCES

Anonymous:1877:WHb


Anonymous:1877:CCF


Anonymous:1877:HCB


Anonymous:1877:SWMc


Anonymous:1877:IGP


Anonymous:1877:RAFaj

REFERENCES


REFERENCES

1776


Anonymous:1877:LMM


Anonymous:1877:TDQ


Anonymous:1877:DTE


Anonymous:1877:IVG


Anonymous:1877:NRT


Anonymous:1877:NHC

REFERENCES


Anonymous:1877:WSEb


Anonymous:1877:HPG


Anonymous:1877:LME


Anonymous:1877:ABP


Anonymous:1877:RAFak


Anonymous:1877:NMEaf


REFERENCES


REFERENCES


Anonymous:1877:DHC


Riley:1877:CPB


Anonymous:1877:ISBb


Anonymous:1877:BPao


Anonymous:1877:CSb


Anonymous:1877:ALS

REFERENCES


Anonymous:1877:CRal


Anonymous:1877:BPap


Anonymous:1877:NQal


Anonymous:1877:IIam


Anonymous:1877:PNPal


Anonymous:1877:NBT


Anonymous:1877:SRS

REFERENCES


REFERENCES

Anonymous:1877:INF


Anonymous:1877:IMH


Anonymous:1877:DIB


Anonymous:1877:Cas


Anonymous:1877:IMM


Anonymous:1877:NMG

REFERENCES


REFERENCES

Anonymous:1877:NWHac


Anonymous:1877:NHIz


Anonymous:1877:NMEah


Anonymous:1877:NMIam


Anonymous:1877:CRan


Anonymous:1877:BPaq

REFERENCES


Anonymous:1877:LHW


Anonymous:1877:MDP


Anonymous:1877:NPOe


Anonymous:1877:IAT


Anonymous:1877:WBIa


Rose:1877:PMq

REFERENCES
REFERENCES


REFERENCES

Anonymous:1877:BNBw


Anonymous:1877:BPar


Anonymous:1877:NQan


Anonymous:1877:Iao


Anonymous:1877:PNPan


Anonymous:1877:FLS

Anonymous:1877:SNM


Anonymous:1877:PEb


Anonymous:1877:AMb


Anonymous:1877:PSI


Anonymous:1877:BMN


Anonymous:1877:PWM

Anonymous:1877:NPOf


Anonymous:1877:MPC


Anonymous:1877:Bc


Anonymous:1877:RBM


Anonymous:1877:Cat


Anonymous:1877:NSPb


Anonymous:1877:IAFc

REFERENCES

Anonymous:1877:SGL


Anonymous:1877:WCG


Anonymous:1877:WB


Wagner:1877:MHS


Anonymous:1877:RAFao


Anonymous:1877:NWHae

REFERENCES


REFERENCES


Anonymous:1877:CARa


Anonymous:1877:SPc


Anonymous:1877:DCPa


Anonymous:1877:ISCc


Anonymous:1877:AON


Anonymous:1877:ATE

REFERENCES


REFERENCES

Anonymous:1877:IWF


Anonymous:1877:Cau


Anonymous:1877:ISA


Anonymous:1877:SMd


Anonymous:1877:O


Anonymous:1877:RAFap


Anonymous:1877:NMIap

Anonymous:1877:NMEak


Anonymous:1877:CRaq


Anonymous:1877:BPat


Anonymous:1877:NQap


Anonymous:1877:IIaq

REFERENCES

Anonymous:1877:PNPap


Anonymous:1877:NPEb


Anonymous:1877:IPF


Anonymous:1877:OI


Anonymous:1877:PECa


Anonymous:1877:IMW

REFERENCES

Anonymous:1877:FO


Anonymous:1877:SATb


Anonymous:1877:APS


Anonymous:1877:DCq


Anonymous:1877:HOW


Anonymous:1877:Cav

REFERENCES


**Anonymous:1877:AHW**


**Anonymous:1877:ISF**


**Anonymous:1877:NFO**


**Anonymous:1877:RPU**


**Anonymous:1877:ANk**


REFERENCES


Anonymous:1877:SIH


Anonymous:1877:SNB


Anonymous:1877:JIB


Anonymous:1877:IBA


Anonymous:1877:BIG


Anonymous:1877:AF

REFERENCES


Anonymous:1877:NHIac


Anonymous:1877:CRas


Anonymous:1877:BNBy


Anonymous:1877:BPav


Anonymous:1877:NQar


Anonymous:1877:IIas

REFERENCES


REFERENCES

Anonymous:1877:NRS


Anonymous:1877:NDCa


Anonymous:1877:PJO


Anonymous:1877:IBTb


Anonymous:1877:GPd


Anonymous:1877:Caw

REFERENCES

1817

Anonymous:1877:NSL


Anonymous:1877:NIB


Anonymous:1877:SMR


Anonymous:1877:BBS


Anonymous:1877:RAFas


Anonymous:1877:NMEan


REFERENCES

Anonymous:1877:NQNe

Anonymous:1877:IIat

Anonymous:1877:PNPas

Anonymous:1877:SSTb

Anonymous:1877:RCCb

Anonymous:1877:SSSb
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1877:WSN


Anonymous:1877:GCC


Anonymous:1877:HMH


Anonymous:1877:BSB


Anonymous:1877:CES


Anonymous:1877:RBSa

REFERENCES

1826

Anonymous:1877:Cay


Anonymous:1877:ITP


Anonymous:1877:HFB


Anonymous:1877:Caz


Michels:1877:PLS


Anonymous:1877:IT

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1877:IPN


Anonymous:1877:IPD


Anonymous:1877:Caaa


Riley:1877:CLHb


Anonymous:1877:CIA


Anonymous:1877:CLS

Anonymous:1877:DBP


Anonymous:1877:PBV


Anonymous:1877:MHW


Anonymous:1877:JWD


Anonymous:1877:ASO


Anonymous:1877:CRaw

REFERENCES


REFERENCES

Anonymous:1877:FFA


Anonymous:1877:CIH


Anonymous:1877:TPb


Anonymous:1877:EVX


Anonymous:1877:WSW


Anonymous:1877:BIB

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

1846


Anonymous:1878:RSA


Anonymous:1878:ECE


Anonymous:1878:NYAa


Anonymous:1878:SG


Anonymous:1878:IMCa


Anonymous:1878:NDT

REFERENCES


Anonymous:1878:BPb

Anonymous:1878:NQb

Anonymous:1878:IIb

Anonymous:1878:PNPb

Anonymous:1878:RS

Anonymous:1878:MTF
REFERENCES


REFERENCES


Anonymous:1878:Cc


Anonymous:1878:BPE


Anonymous:1878:SCG


Anonymous:1878:MWS


Michels:1878:CBD


Anonymous:1878:SSP

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1878:NTM


Anonymous:1878:DT


Anonymous:1878:AO


Anonymous:1878:CRc


Anonymous:1878:WBIc


Anonymous:1878:BAc

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1878:NPLa


Anonymous:1878:CBF


Wright:1878:ANa


Anonymous:1878:QSD


Anonymous:1878:NYAb


Anonymous:1878:PWT

REFERENCES


REFERENCES


[11108] Anonymous. Patent Office employees to be disgraced. Scientific American, 38(6):81, February 9, 1878. CODEN SCAMAC. ISSN 0036-
REFERENCES

1866

Anonymous:1878:MM

Anonymous:1878:HDR

Anonymous:1878:MTW

Anonymous:1878:FDF

Anonymous:1878:SIW

Anonymous:1878:NDM
REFERENCES

Anonymous:1878:Cf

Anonymous:1878:MC

Anonymous:1878:IPC

Anonymous:1878:PICa

Seiss:1878:LNC

Anonymous:1878:HSK
REFERENCES


REFERENCES

Anonymous:1878:NQe

Anonymous:1878:IIg

Anonymous:1878:PNPg

Anonymous:1878:CRM

Anonymous:1878:POC

Anonymous:1878:ARC


REFERENCES

Anonymous:1878:BPj


Anonymous:1878:NASa


Anonymous:1878:SIE


Anonymous:1878:ASL


Anonymous:1878:Cg


Anonymous:1878:WIC

REFERENCES


<table>
<thead>
<tr>
<th>Anonymous:1878:WBIf</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:1878:BPk</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:1878:BNBc</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:1878:NQf</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:1878:Iih</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:1878:PNPh</th>
</tr>
</thead>
</table>
REFERENCES


REFERENCES

Anonymous:1878:CAA


Anonymous:1878:WNO


Anonymous:1878:IDT


Anonymous:1878:IMD


Anonymous:1878:BTG


Anonymous:1878:VIB

REFERENCES

Anonymous:1878:BPS


Anonymous:1878:Ch


Anonymous:1878:PCN


Anonymous:1878:VIG


Anonymous:1878:HT


Anonymous:1878:TIIa


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1878:BPm

Anonymous:1878:NQg

Anonymous:1878:IIj

Anonymous:1878:PNPj

Anonymous:1878:CDa

Anonymous:1878:IMCb
REFERENCES

Anonymous:1878:GTa


Anonymous:1878:TlB


Anonymous:1878:FTS


Anonymous:1878:BHO


Anonymous:1878:AFC


Anonymous:1878:HWP

Anonymous:1878:IFE


Anonymous:1878:LGM


Anonymous:1878:Cj


Rose:1878:PMb


Anonymous:1878:THE


Anonymous:1878:RSCa


Anonymous:1878:CCb

REFERENCES


Anonymous:1878:I Ik


Anonymous:1878:PN Pk


Anonymous:1878:H IM


Anonymous:1878:W LP


Anonymous:1878:GP


Anonymous:1878:C SEa


Anonymous:1878:EB N

REFERENCES

Anonymous:1878:HLC


Anonymous:1878:LCF


Anonymous:1878:NSPa


Hille:1878:H


Anonymous:1878:PSMa


Anonymous:1878:Ck

REFERENCES


Anonymous:1878:NQNd


Anonymous:1878:IIl


Anonymous:1878:TCG


Anonymous:1878:IWW


Anonymous:1878:WOM


Anonymous:1878:WAI

REFERENCES


REFERENCES

Anonymous:1878:BNS


Anonymous:1878:NT


Anonymous:1878:WNC


Bottone:1878:S


Anonymous:1878:IHC


Anonymous:1878:CPD

REFERENCES


REFERENCES


REFERENCES


REFERENCES

1895


REFERENCES

Anonymous:1878:CRg

Anonymous:1878:BPq

Anonymous:1878:BNBf

Anonymous:1878:NQi

Anonymous:1878:IIIn

Anonymous:1878:PNPm
REFERENCES


REFERENCES

Anonymous:1878:ICCa


Anonymous:1878:CVC


Anonymous:1878:BBM


Anonymous:1878:IPSb


Anonymous:1878:Co


Anonymous:1878:SFa

REFERENCES


REFERENCES


Anonymous:1878:ILC


Anonymous:1878:ECT


Anonymous:1878:GGA


Anonymous:1878:Cp


Anonymous:1878:IBT


Wright:1878:ANj

REFERENCES


REFERENCES

Anonymous:1878:CRi


Anonymous:1878:BPt


Anonymous:1878:NQk


Anonymous:1878:La


Anonymous:1878:PNPo


Anonymous:1878:RDC


Anonymous:1878:SWB


Anonymous:1878:ICGa


Anonymous:1878:ISG


Anonymous:1878:INL


Anonymous:1878:Cq


Anonymous:1878:SNW

REFERENCES


REFERENCES


REFERENCES

Anonymous:1878:SLb

Anonymous:1878:DIa

Anonymous:1878:CHP

Hopkins:1878:WLM

Anonymous:1878:CME

Anonymous:1878:Cs

Anonymous:1878:PMb
REFERENCES


REFERENCES

1913


REFERENCES


Anonymous:1878:D1b


Anonymous:1878:CPO


Anonymous:1878:IMTb


Anonymous:1878:HMC


Anonymous:1878:ITSb


Anonymous:1878:Ct

REFERENCES

1916


REFERENCES


REFERENCES


Anonymous:1878:CR1


Anonymous:1878:BAf


Anonymous:1878:BPw


Anonymous:1878:BNBj


Anonymous:1878:NQo


Anonymous:1878:PNPr

Anonymous:1878:AW

Anonymous:1878:AS

Anonymous:1878:NSPb

Anonymous:1878:TS

Anonymous:1878:RME

Anonymous:1878:EI

Anonymous:1878:IWB
REFERENCES


REFERENCES


Anonymous:1878:BAg


Anonymous:1878:BPx


Anonymous:1878:BNBk


Anonymous:1878:NQp


Anonymous:1878:PNPs


Anonymous:1878:CSEb

REFERENCES


Anonymous:1878:RSCb


Anonymous:1878:MCB


Anonymous:1878:CTP


Anonymous:1878:DSV


Anonymous:1878:SAS


Anonymous:1878:TMN


Anonymous:1878:ICCb

REFERENCES


REFERENCES


Anonymous:1878:SSM


Anonymous:1878:TMI


Anonymous:1878:ONN


Anonymous:1878:AMS


Anonymous:1878:WCA


Anonymous:1878:Cv

REFERENCES


REFERENCES


REFERENCES

Wright:1878:ANo


Anonymous:1878:CRp


Anonymous:1878:BPz


Anonymous:1878:NQr


Anonymous:1878:PNPu


Anonymous:1878:REb


Hopkins:1878:EG

REFERENCES


[11530] Anonymous. The Empire dustless ash sifter. *Scientific American*, 38(22):338–339, June 1, 1878. CODEN SCAMAC. ISSN 0036-
Anonymous:1878:ADAb


Anonymous:1878:IMN


Anonymous:1878:Cw


Duerden:1878:NT


Anonymous:1878:IVH


Anonymous:1878:NCBa

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1878:SA


Anonymous:1878:FPR


Anonymous:1878:VEB


Anonymous:1878:SSa


Anonymous:1878:IAK


Wright:1878:ANr

REFERENCES


Anonymous:1878:CSHb


Anonymous:1878:PAS


Anonymous:1878:OVA


Anonymous:1878:MF


Anonymous:1878:CRs


Anonymous:1878:BPac

REFERENCES


REFERENCES

Anonymous: 1878: EMT

Anonymous: 1878: GWC

Anonymous: 1878: CVG

Anonymous: 1878: EIM

Anonymous: 1878: ISBb

Anonymous: 1878: Cx
Anonymous:1878:HMA


Michels:1878:TS


Anonymous:1878:Ma


Anonymous:1878:CID


Anonymous:1878:IHA


Anonymous:1878:BPad


Anonymous:1878:MTN


REFERENCES


REFERENCES


Anonymous. Our iron industry. *Scientific American*, 38(26):404, June 29, 1878. CODEN SCAMAC. ISSN 0036-
REFERENCES


Anonymous:1878:OP


Anonymous:1878:IY


Anonymous:1878:NPLb


Anonymous:1878:NLS


Anonymous:1878:PGD


Anonymous:1878:IGP


Anonymous:1878:PLPa

REFERENCES


REFERENCES


REFERENCES

Anonymous:1878:ETR


Anonymous:1878:BPag


Anonymous:1878:BNBp


Anonymous:1878:NQw


Anonymous:1878:IIIt


Anonymous:1878:AGP


Anonymous:1878:IM


Anonymous. Milk as a substitute for blood transfusion. *Scientific American*, 39(2):19, July 13, 1878. CODEN SCAMAC. ISSN 0036-
Anonymous:1878:SFE


Anonymous:1878:Cz


Bellerophon:1878:EAC


Blair:1878:PPF


Anonymous:1878:IBa


Anonymous:1878:CIG


REFERENCES


REFERENCES

1959


Anonymous:1878: Cab


Anonymous:1878:IPR


Anonymous:1878:IAF


Anonymous:1878:ISBe


Anonymous:1878:WCS


Wright:1878:ANv


Anonymous:1878:Pb


REFERENCES


Anonymous:1878:EP


Anonymous:1878:ESN


Anonymous:1878:Cac


Rose:1878:HUF


Anonymous:1878:NSC


Anonymous:1878:NCM

REFERENCES

Anonymous:1878:GWS


Anonymous:1878:LCN


Anonymous:1878:TES


Anonymous:1878:NIF


Anonymous:1878:Ac


Wright:1878:ANw


Anonymous:1878:CTb

REFERENCES

1964


Anonymous:1878:PFH


Anonymous:1878:CRu


Anonymous:1878:BPaj


Anonymous:1878:BNBq


Anonymous:1878:NQz


Anonymous:1878:IIw

REFERENCES

Anonymous:1878:PNPz

Anonymous:1878:SLG

Anonymous:1878:SSb

Anonymous:1878:CSA

Anonymous:1878:AFT

Anonymous:1878:FPa

Anonymous:1878:EGM
REFERENCES


REFERENCES

Anonymous:1878:ZGFa


Anonymous:1878:SMW


Anonymous:1878:RAR


Anonymous:1878:CIa


Anonymous:1878:SOA


Wright:1878:ANx


Anonymous:1878:CRv

REFERENCES

1968


Anonymous:1878:BPak


Anonymous:1878:BNBr


Anonymous:1878:NQaa


Anonymous:1878:IIx


Anonymous:1878:PNPaa


Anonymous:1878:PESa
REFERENCES


Anonymous:1878:NDS


Anonymous:1878:Cae


Anonymous:1878:DC


Anonymous:1878:NCBb


Anonymous:1878:NSV


Anonymous:1878:RH

REFERENCES


REFERENCES


Anonymous:1878:NQab


Anonymous:1878:Ily


Anonymous:1878:PNPab


Anonymous:1878:HNP


Anonymous:1878:SCRa


Anonymous:1878:ESJ

Anonymous:1878:D1c


Anonymous:1878:WOI


Anonymous:1878:MWB


Anonymous:1878:PTc


Anonymous:1878:AI


Anonymous:1878:PLS

REFERENCES


[11811] Anonymous. The musical mechanism of the Cincinnati Organ. *Scientific American*, 39(7):100, August 17, 1878. CODEN SCAMAC. ISSN 0036-
REFERENCES

1975


Anonymous:1878:FIEa


Anonymous:1878:LMM


Anonymous:1878:LB


Anonymous:1878:NBD


Anonymous:1878:IICa


Anonymous:1878:MIR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

1985


Anonymous:1878:NQae


Anonymous:1878:IIab


Anonymous:1878:PNPae


Anonymous:1878:CBP


Anonymous:1878:IAA


Anonymous:1878:WAD

Anonymous:1878:SEI

Anonymous:1878:MO

Anonymous:1878:NPT

Anonymous:1878:SBAa

Anonymous:1878:BSL

Anonymous:1878:WNA
Anonymous:1878:NAT


Anonymous:1878:NC


Anonymous:1878:SCc


Wright:1878:ANac


Anonymous:1878:NHB


Anonymous:1878:NTC

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1878:SBc


Anonymous:1878:GPT


Anonymous:1878:NCL


Anonymous:1878:NPLd


Anonymous:1878:NHP


Anonymous:1878:Pc

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1878:PTd


Anonymous:1878:PSb


Anonymous:1878:HMS


Anonymous:1878:IEa


Anonymous:1878:SSWa


Anonymous:1878:WF


Anonymous:1878:ISF

REFERENCES


Anonymous:1878:CRad


Anonymous:1878:VPH


Anonymous:1878:BPav


Anonymous:1878:BNBy


Anonymous:1878:NQal


Anonymous:1878:IIai

REFERENCES


REFERENCES

Anonymous:1878:MEc


Anonymous:1878:NRTa


Anonymous:1878:AAEb


Anonymous:1878:PAMb


Anonymous:1878:Ag


Anonymous:1878:NPb


Anonymous:1878:TTR

Anonymous. True time regulator. *Scientific American*, 39(17):262–263, October 26, 1878. CODEN SCAMAC. ISSN 0036-
REFERENCES

Anonymous:1878:MFC

Anonymous:1878:NBb

Anonymous:1878:SCCa

Anonymous:1878:NGS

Anonymous:1878:NMS

Anonymous:1878:Ig


REFERENCES


REFERENCES


REFERENCES

Anonymous:1878:WMN


Anonymous:1878:NMJ


Anonymous:1878:NR


Anonymous:1878:UB


Anonymous:1878:Ij


Anonymous:1878:CRaf


REFERENCES


REFERENCES


REFERENCES


Anonymous:1878:NBN

Anonymous:1878:TMTb

Anonymous:1878:TH

Anonymous:1878:MOP

Anonymous:1878:PAPb

Anonymous:1878:TF
REFERENCES


Anonymous:1878:NEO

Anonymous:1878:ABL

Anonymous:1878:NASb

Anonymous:1878:In

Anonymous:1878:CRah

Anonymous:1878:BPaaa
REFERENCES


REFERENCES


REFERENCES

Anonymous:1878:SME


Anonymous:1878:UP


Anonymous:1878:TMD


Anonymous:1878:WCE


Anonymous:1878:VV


Anonymous:1878:LCVb

REFERENCES


REFERENCES


Anonymous:1878:NTI


Anonymous:1878:IRb


Anonymous:1878:NLE


Anonymous:1878:PEFb


Anonymous:1878:CJb


Wright:1878:ANal

REFERENCES


REFERENCES


Anonymous:1878:SSU


Anonymous:1878:IV


Anonymous:1878:NSFb


Anonymous:1878:IGS


Anonymous:1878:NFPb


Anonymous:1878:AMa


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1878:NIS


Anonymous:1878:GHW


Anonymous:1878:Iab


Anonymous:1878:CRal


Anonymous:1879:Ca


Anonymous:1879:BPa


Anonymous:1879:NQa

REFERENCES


Anonymous:1879:SCEa


Anonymous:1879:WHR


Anonymous:1879:SIWa


Anonymous:1879:MN


Anonymous:1879:Aa


Anonymous:1879:BEb


Anonymous:1879:SUG

REFERENCES


REFERENCES


Anonymous:1879:PEa


Anonymous:1879:VBW


Anonymous:1879:Im


Anonymous:1879:CRA


Anonymous:1879:Cb


Anonymous:1879:BPb


Anonymous:1879:NQb

REFERENCES

Anonymous:1879:IIb


Anonymous:1879:PNPb


Anonymous:1879:RWT


Anonymous:1879:PCO


Anonymous:1879:MHMa


Anonymous:1879:FELa

REFERENCES

[1233] Wicks:1879:AINa


[1235] Anonymous:1879:CWW


[1238] Anonymous:1879:NCa

Anonymous. The Casson–Dormoy furnace. Scientific American, 40(2):22, January 11, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:TLW


Anonymous:1879:SBA


Anonymous:1879:BLF


Trowridge:1879:EI


Anonymous:1879:MSFa


Anonymous:1879:Ib

Anonymous:1879:CRb


Anonymous:1879:IRI


Anonymous:1879:Cc


Anonymous:1879:BPc


Anonymous:1879:BNBa


Anonymous:1879:NQc

REFERENCES


Anonymous:1879:PSA


Anonymous:1879:TQ


Anonymous:1879:HUO


Anonymous:1879:SBS


Anonymous:1879:BFL


Anonymous:1879:SSG

REFERENCES

Anonymous:1879:CBa

Hopkins:1879:EMP

Hovey:1879:LCa

Anonymous:1879:DSPb

Anonymous:1879:Clia

Anonymous:1879:Cd


Anonymous:1879:NCC


Anonymous:1879:WFE


Anonymous:1879:EGT


Anonymous:1879:PEH


Anonymous:1879:NF


Cooley:1879:NFS


REFERENCES

Anonymous:1879:PNPe


Anonymous:1879:VP


Anonymous:1879:ETV


Anonymous:1879:NSPa


Anonymous:1879:SPS


Anonymous:1879:GH

REFERENCES


REFERENCES


Anonymou1879:DV


Anonymou1879:le


Anonymou1879:CRd


Anonymou1879:Cg


Anonymou1879:BPF


Anonymou1879:BNBc


Anonymous: 1879: NO


Anonymous: 1879: NBS


Anonymous: 1879: ILS


Anonymous: 1879: CiB


Anonymous: 1879: NCSa


Anonymous: 1879: GSL

REFERENCES


Anonymous:1879:Ch

Anonymous:1879:BPg

Anonymous:1879:NQg

Anonymous:1879:IIg

Anonymous:1879:NPBa

Anonymous:1879:WBT

Anonymous:1879:ATa
REFERENCES


REFERENCES

Anonymous:1879:NCRa


Anonymous:1879:AMb


Anonymous:1879:MSFb


Anonymous:1879:APR


Anonymous:1879:FW1


Anonymous:1879:OBA

REFERENCES

Anonymous:1879:BSB


Anonymous:1879:CEa


Anonymous:1879:Ig


Anonymous:1879:CRf


Anonymous:1879:VPH


Anonymous:1879:PBAb


REFERENCES

Anonymous:1879:RAPa


Anonymous:1879:NIC


Anonymous:1879:IFC


Anonymous:1879:INY


Anonymous:1879:NSW


Anonymous:1879:SMH

REFERENCES


REFERENCES

Anonymous:1879:WTa

Anonymous:1879:SEP

Anonymous:1879:Ih

Anonymous:1879:CRg

Anonymous:1879:PBAc

Anonymous:1879:Cj

Anonymous:1879:BPi
REFERENCES


Anonymous:1879:BNBd


Anonymous:1879:NQi


Anonymous:1879:IIi


Anonymous:1879:PNPh


Anonymous:1879:AINc


Anonymous:1879:SLL


Anonymous:1879:ICM


Anonymous:1879:PRC


Anonymous:1879:NGT


Anonymous:1879:NDC


Anonymous:1879:NPBc


Anonymous:1879:IFG


Anonymous:1879:REP

[12529] Anonymous. Recent engineering patents. *Scientific American*, 40(9):131–132, March 1, 1879. CODEN SCAMAC. ISSN 0036-


REFERENCES


Anonymous:1879:BAa


Anonymous:1879:RPI


Anonymous:1879:BPj


Anonymous:1879:BNBe


Anonymous:1879:NQj


Anonymous:1879:IJj


Anonymous:1879:PNPi

REFERENCES


Anonymous:1879:SSW


Anonymous:1879:GMa


Anonymous:1879:SPBa


Anonymous:1879:SME


Anonymous:1879:NFCa


Anonymous:1879:GMMa


REFERENCES

Anonymous:1879:GMMb

Hovey:1879:LCb

Anonymous:1879:SRIa

Anonymous:1879:Ik

Anonymous:1879:CRi

Anonymous:1879:Ck
REFERENCES


REFERENCES


Anonymous:1879:PNP

Anonymous:1879:PBD

Anonymous:1879:MT

Anonymous:1879:PT

Anonymous:1879:ME

Anonymous:1879:HPB

Anonymous:1879:MRG
REFERENCES

Anonymous:1879:AINe

Anonymous:1879:GMR

Anonymous:1879:SMa

Anonymous:1879:SSa

Anonymous:1879:NVF

Anonymous:1879:RAPb


Anonymous:1879:EIA


Anonymous:1879:PAT


Anonymous:1879:GST


Anonymous:1879:SEC


Anonymous:1879:NELA


Anonymous:1879:EELA

REFERENCES


Anonymous:1879:BPm

Anonymous:1879:NQl

Anonymous:1879:IIIn

Anonymous:1879:PNPl

Anonymous:1879:NSTa

Anonymous:1879:HOP

Anonymous:1879:PPb


Anonymous:1879:IFB


Anonymous:1879:AGV


Anonymous:1879:NAIb


Anonymous:1879:GS


Anonymous:1879:Im


Anonymous:1879:CR1

REFERENCES


REFERENCES


Anonymous:1879:GAN


Anonymous:1879:CBAa


Anonymous:1879:SER


Anonymous:1879:NLN


Anonymous:1879:MHMb


Anonymous:1879:HG

Anonymous:1879:HTL


Anonymous:1879:ILM


Anonymous:1879:NSTb


Anonymous:1879:SRAa


Anonymous:1879:WIC


Anonymous:1879:IP


Anonymous:1879:RAPd

Anonymous:1879:B

Anonymous:1879:MIc

Anonymous:1879:NASa

Anonymous:1879:SCD

Anonymous:1879:IWM

Seiss:1879:KS


REFERENCES


REFERENCES


REFERENCES

Anonymous:1879:MId

Anonymous:1879:AIC

Anonymous:1879:HSE

Anonymous:1879:A1a

Anonymous:1879:RI

Anonymous:1879:NLA


REFERENCES


Anonymous:1879:Io


Anonymous:1879:CRn


Anonymous:1879:Cn


Anonymous:1879:BPp


Anonymous:1879:NQp


Anonymous:1879:IIq


Anonymous:1879:PNPo

REFERENCES


REFERENCES

Anonymous:1879:RMIc


Anonymous:1879:BMM


Anonymous:1879:PHI


Anonymous:1879:PEI


Anonymous:1879:NPf


Anonymous:1879:NBF


REFERENCES


Anonymous:1879:SGN


Anonymous:1879:FYF


Anonymous:1879:AEa


Anonymous:1879:BPR


Anonymous:1879:MIf


Anonymous:1879:IBN


Anonymous:1879:ACb

Anonymous:1879:BCA


Anonymous:1879:RAPf


Anonymous:1879:NREa


Anonymous:1879:EEC


Anonymous:1879:EIb


Anonymous:1879:PBb


Anonymous. Old homes made new. *Scientific American*, 40(17):265–266, April 26, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:Ir


Anonymous:1879:CRp


Anonymous:1879:Cp


Anonymous:1879:BPs


Anonymous:1879:BNBh


Anonymous:1879:NQr

Anonymous:1879:IIs


Anonymous:1879:PN


Anonymous:1879:AINf


Anonymous:1879:PEL


Anonymous:1879:SFb


Anonymous:1879:BLT


Anonymous:1879:MEM


REFERENCES

Anonymous:1879:NCPb


Anonymous:1879:EBP


Anonymous:1879:NAFa


Anonymous:1879:Mig


Anonymous:1879:IWE


Anonymous:1879:RAR


Anonymous:1879:NAId


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1879:EEI


Anonymous:1879:AINh


Anonymous:1879:TL


Anonymous:1879:FN


Anonymous:1879:NAIe


Anonymous:1879:DRT


Anonymous:1879:PPA

REFERENCES

Anonymous:1879:Da

Anonymous:1879:IPC

Anonymous:1879:NCSb

Beard:1879:KPM

Anonymous:1879:RMIE

Anonymous:1879:NNHB
REFERENCES


Anonymous:1879:NQNb


Anonymous:1879:IIv


Anonymous:1879:Pc


Anonymous:1879:PRB


Anonymous:1879:AINi


Anonymous:1879:MRM


Anonymous:1879:TSE

REFERENCES


Anonymous:1879:ELPa


Anonymous:1879:NPP


Anonymous:1879:WOA


Anonymous:1879:WCT


Anonymous:1879:PBN


Anonymous:1879:NSDa


Anonymous. A new flour, grain, and bolting cloth inspector. *Scientific American*, 40(21):326, May 24, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:NREb


Anonymous:1879:MII


Anonymous:1879:OF


Anonymous:1879:NYAb


Seiss:1879:BD


Anonymous:1879:RCb

Anonymous:1879:SFc

Anonymous:1879:Iw

Anonymous:1879:CRt

Anonymous:1879:BPw

Anonymous:1879:BNBk

Anonymous:1879:NQNc

Anonymous:1879:IIw
Anonymous:1879:Pd

Anonymous:1879:DPa

Anonymous:1879:IFY

Anonymous:1879:CMH

Anonymous:1879:CMGb

Anonymous:1879:CCb
REFERENCES


REFERENCES

Anonymous:1879:EI

Anonymous:1879:EA

Anonymous:1879:GDC

Anonymous:1879:NPSa

Anonymous:1879:EMb

Anonymous:1879:NAIf
REFERENCES


Anonymous:1879:PNPs


Anonymous:1879:Ad


Anonymous:1879:TMb


Anonymous:1879:ICC


Anonymous:1879:SD


Anonymous:1879:NRL

REFERENCES

Anonymous:1879:MMa


Anonymous:1879:UTW


Anonymous:1879:LTC


Anonymous:1879:MCNb


Anonymous:1879:DRP


Anonymous:1879:SPA

REFERENCES

Anonymous:1879:NYAc


Anonymous:1879:RMIf


Anonymous:1879:NSHa


Anonymous:1879:ABF


Anonymous:1879:RAPi


Anonymous:1879:TGa


Anonymous:1879:Db

REFERENCES

Anonymous:1879:SIWb


Anonymous:1879:STPa


Anonymous:1879:APa


Anonymous:1879:CRv


Anonymous:1879:BPy


Anonymous:1879:BNBl


Anonymous. Triumphs of modern engineering. *Scientific American*, 40(24):368–369, June 14, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:MCNc


Anonymous:1879:GG


Anonymous:1879:NAIg


Anonymous:1879:NHP


Anonymous:1879:ISF


Anonymous:1879:NSCa

REFERENCES

Anonymous:1879:RAPj


Anonymous:1879:NPC


Anonymous:1879:NCd


Anonymous:1879:Cv


Anonymous:1879:RMig


Anonymous:1879:NWP


Anonymous:1879:WTc


Anonymous:1879:PDE

Anonymous:1879:PBE

Anonymous:1879:UNY

Anonymous:1879:SPP

Anonymous:1879:UB

Anonymous:1879:PHR

Anonymous:1879:ICa
REFERENCES


REFERENCES


Anonymous:1879:FSa


Anonymous:1879:CRx


Anonymous:1879:BPaa


Anonymous:1879:BNBm


Anonymous:1879:NQNg


Anonymous:1879:IIaa

REFERENCES


Anonymous:1879:AEb


Anonymous:1879:NSA


Anonymous:1879:IMd


Anonymous:1879:KEL


Anonymous:1879:NSSb


Anonymous:1879:NIBa

REFERENCES

Anonymous:1879:AMf


Anonymous:1879:MIk


Anonymous:1879:RMii


Anonymous:1879:NREc


Anonymous:1879:Cw


Anonymous:1879:FRD


Anonymous:1879:EP

REFERENCES


Anonymous:1879:NSe


Anonymous:1879:NAIh


Anonymous:1879:OCRa


Anonymous:1879:CRy


Anonymous:1879:Cx


Anonymous:1879:BPab

REFERENCES


REFERENCES

Anonymous:1879:NTEa

Anonymous:1879:OSP

Anonymous:1879:PTC

Anonymous:1879:DBT

Anonymous:1879:SC

Anonymous:1879:RAP1
Anonymous:1879:NELb


Anonymous:1879:LUT


Anonymous:1879:HA


Anonymous:1879:PCa


Anonymous:1879:RMIj


Anonymous:1879:NRPa


Anonymous:1879:ES


REFERENCES

Anonymous:1879:Cy

Anonymous:1879:BPac

Anonymous:1879:BNBo

Anonymous:1879:NQv

Anonymous:1879:IHac

Anonymous:1879:PNPv

Anonymous:1879:IHC


Anonymous:1879:RAPm

Anonymous:1879:MW

Anonymous:1879:NSTc

Anonymous:1879:RMIk

Anonymous:1879:NPE

Anonymous:1879:NCH

Anonymous:1879:AMg
Anonymous:1879:NDSb


Anonymous:1879:MI1


Anonymous:1879:MMS


Anonymous:1879:JNP


Anonymous:1879:M


Beard:1879:SQG


Anonymous:1879:AK

REFERENCES


Anonymous. The United States drilling scow, East River. *Scientific American*, 41(3):31, July 19, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:ABP


Anonymous:1879:CBC


Anonymous:1879:TLI


Anonymous:1879:PSW


Anonymous:1879:MCNd


Anonymous:1879:ITC

Anonymous:1879:NWMa


Anonymous:1879:IWW


Anonymous:1879:IWV


Anonymous:1879:RAPn


Anonymous:1879:RMII


Anonymous:1879:RNd


Anonymous:1879:GA

REFERENCES


REFERENCES


Anonymous:1879:Cz


Anonymous:1879:BPae


Anonymous:1879:BNBq


Anonymous:1879:NQx


Anonymous:1879:IIad


Anonymous:1879:PNPx


Anonymous:1879:ELPb


REFERENCES


REFERENCES


Anonymous:1879:Af


Anonymous:1879:NHNd


Anonymous:1879:CDR


Anonymous:1879:EIh


Anonymous:1879:NIBb


Anonymous:1879:CRac

REFERENCES


REFERENCES


REFERENCES

Anonymous:1879:Caa


Anonymous:1879:BPag


Anonymous:1879:BNBs


Anonymous:1879:NQz


Anonymous:1879:IIaf


Anonymous:1879:PNPz


Anonymous:1879:MV

REFERENCES

Anonymous:1879:WDN


Anonymous:1879:PON


Anonymous:1879:NBN


Anonymous:1879:HPCb


Anonymous:1879:CPa


Anonymous:1879:SPc


Anonymous:1879:EAC


Anonymous. Improvement in saw gumming. *Scientific American*, 41(6):86, August 9, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:INL

Anonymous:1879:N

Anonymous:1879:MIn

Anonymous:1879:RMIn

Anonymous:1879:CRad

Anonymous:1879:Cab
REFERENCES


Anonymous:1879:IIah


Anonymous:1879:PNPab


Anonymous:1879:NMCa


Anonymous:1879:SIb


Anonymous:1879:SYF


Anonymous:1879:NML

REFERENCES


REFERENCES


Anonymous:1879:FD


Anonymous:1879:MCNe


Anonymous:1879:EIk


Anonymous:1879:RDRa


Anonymous:1879:CRaf


Anonymous:1879:Cad

REFERENCES


Anonymous. Arsenic in water colors. Scientific American, 41(9):131–132, August 30, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:MIq


Anonymous:1879:NMCb


Anonymous:1879:SSd


Anonymous:1879:Mlr


Anonymous:1879:JGA


Anonymous:1879:GTb

Anonymous:1879:NHNf


Anonymous:1879:EIl


Anonymous:1879:RDRb


Anonymous:1879:CRag


Anonymous:1879:Caf


Anonymous:1879:BPak


Anonymous:1879:HST


Anonymous:1879:EAS


Anonymous:1879:AVFa


Anonymous:1879:RSH


Anonymous:1879:CWC


Anonymous:1879:SMb

Anonymous:1879:FHD

Anonymous:1879:MIs

Anonymous:1879:TP

Anonymous:1879:IRa

Anonymous:1879:IIRa

Anonymous:1879:CPC
REFERENCES


Anonymous:1879:PNPae


Anonymous:1879:L


Anonymous:1879:AW


Anonymous:1879:PPS


Anonymous:1879:RIP


Anonymous:1879:CPD


Anonymous:1879:NFEa


Anonymous:1879:NDT


Anonymous:1879:GWG


Anonymous:1879:MIV


Anonymous:1879:AVA


Anonymous:1879:CRai

Anonymous:1879:BPam


Anonymous:1879:BNBy


Anonymous:1879:NQaf


Anonymous:1879:IHal


Anonymous:1879:PNPaf


Anonymous:1879:MHC

REFERENCES

Anonymous:1879:AAb

Anonymous:1879:PYI

Anonymous:1879:GN

Anonymous:1879:DC

Anonymous:1879:NPSc

Anonymous:1879:PUS
Anonymous:1879:SMC


Anonymous:1879:NPSd


Anonymous:1879:NFCb


Anonymous:1879:FWY


Anonymous:1879:PAA


Anonymous:1879:AN

Anonymous:1879:MIw


Anonymous:1879:NEb


Anonymous:1879:NFT


Anonymous:1879:PNB


Anonymous:1879:ISQ


Anonymous:1879:TRA


REFERENCES


Anonymous:1879:ICd


Anonymous:1879:CFb


Anonymous:1879:SSAa


Anonymous:1879:RIA


Anonymous:1879:NFR


Anonymous:1879:NCPc

Anonymous:1879:MIx


Mayer:1879:PEMa


Anonymous:1879:NSBb


Anonymous:1879:ELT


Anonymous:1879:MIy


Anonymous:1879:GIB

REFERENCES


Anonymous:1879:CRCa


Anonymous:1879:VCW


Anonymous:1879:NHC


Anonymous:1879:MIZ


Mayer:1879:PEMb


Anonymous:1879:IET


Anonymous:1879:MIAa

REFERENCES


Anonymous:1879:HSb


Anonymous:1879:Tb


Anonymous:1879:JBV


Anonymous:1879:RDRd


Anonymous:1879:CRal


Anonymous:1879:BPap

REFERENCES


REFERENCES

Anonymous:1879:WIU

Anonymous:1879:CNP

Anonymous:1879:EOM

Anonymous:1879:PPL

Anonymous:1879:MIab

Anonymous:1879:RCd
REFERENCES


Mayer:1879:PEMc


Anonymous:1879:NDSc


Anonymous:1879:NFEb


Anonymous:1879:MIac


Anonymous:1879:NCAa


Anonymous:1879:Oa


REFERENCES


Anonymous:1879:UPW


Anonymous:1879:HRT


Anonymous:1879:PBU


Anonymous:1879:BWB


Anonymous:1879:ESM


Anonymous:1879:CCT

REFERENCES


REFERENCES


Anonymous:1879:ZGN


Anonymous:1879:OMM


Anonymous:1879:NTEb


Anonymous:1879:MF


Anonymous:1879:MIaf


Anonymous:1879:SRMb


Anonymous:1879:BNBad


Anonymous:1879:NQal


Anonymous:1879:IIar


Anonymous:1879:PNPal


Anonymous:1879:PL


Anonymous:1879:FFd

REFERENCES


REFERENCES

Anonymous:1879:MIah


Anonymous:1879:NFW


Anonymous:1879:MIai


Wheeler:1879:RDR


Anonymous:1879:NMM


Anonymous:1879:EIr

REFERENCES


REFERENCES


REFERENCES

Hovet:1879:FUS


Anonymous:1879:CTM


Anonymous:1879:EIs


Anonymous:1879:NBH


Anonymous:1879:NWMb


Anonymous:1879:CCBa

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1879:Ag


Anonymous:1879:NASb


Anonymous:1879:RSM


Anonymous:1879:CRar


Anonymous:1879:Cao


Anonymous:1879:BPav

REFERENCES


REFERENCES


REFERENCES

Anonymous:1879:CTa


Anonymous:1879:ISe


Anonymous:1879:Ob


Anonymous:1879:NBL


Anonymous:1879:NHNh


Anonymous:1879:EIt


Anonymous:1879:Caq

REFERENCES


REFERENCES


Anonymous:1879:NMI


Anonymous:1879:NWC


Anonymous:1879:Th


Anonymous:1879:HBM


Anonymous:1879:RDRf


Anonymous:1879:MIaq

REFERENCES


[13604] Anonymous. The trade mark decision. *Scientific American*, 41(23):352, December 6, 1879. CODEN SCAMAC. ISSN 0036-
Anonymous:1879:WTBa


Anonymous:1879:GGW


Anonymous:1879:NYAd


Anonymous:1879:NPHa


Anonymous:1879:NTMc


Baldwin:1879:HYS

REFERENCES


REFERENCES

Anonymous:1879:CBAc

Anonymous:1879:IDF

Anonymous:1879:STE

Anonymous:1879:GTc

Anonymous:1879:AIIh

Anonymous:1879:CRas
REFERENCES

Anonymous:1879:Cas


Anonymous:1879:BPay


Anonymous:1879:BNBai


Anonymous:1879:NQar


Anonymous:1879:IIax


Anonymous:1879:PNPar


REFERENCES

Anonymous:1879:IWU


Anonymous:1879:NACa


Anonymous:1879:MIat


Anonymous:1879:NCg


Anonymous:1879:NHD


Anonymous:1879:SLB

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1879:Ali


Mott:1879:FGC


Anonymous:1879:PGI


Anonymous:1879:IHT


Anonymous:1879:TMc


Anonymous:1879:MIaw


REFERENCES


REFERENCES


REFERENCES
