

Soldering iron, J. C. Covert.....	18,242
Spark arrester, J. A. Cotter.....	18,236
Staple, S. Frost.....	18,369
" machine to form, T. S. Bayles.....	18,323
Station indicating device, A. McWilliams, et al.....	18,341
Stove, M. C. Armour.....	18,298
" or furnace, D. M. Graham.....	18,284
" pipe, G. B. Barclay.....	18,253
Strengthening blood, composition for, E. Racicot.....	18,329
Stringer rail, H. Holgate, et al.....	18,332
Striker for sash bolts, C. W. Elliott, et al.....	18,281
Support, electric cable, A. S. Weaver, et al.....	18,226
Telegraph cable, J. C. Chambers, et al.....	18,338
" conductor, J. C. Chambers, et al.....	18,372
Telephone cable, J. C. Chambers, et al.....	18,338
" conductor, J. C. Chambers, et al.....	18,372
" cut-out, C. D. Wright, et al.....	18,268
Track laying machine, F. F. Voigt.....	18,302
Trimmer, wick W. C. Seaton.....	18,270
Truck car, J. Huson, et al.....	18,324
Type lock, galley, S. D. Webb.....	18,335
Underwaist, M. E. Higgins.....	18,295
Valve gear, F. B. Nichols, et al.....	18,375
" stop, D. Kearney.....	18,305
Vehicle, attachments of horse, L. P. Bruneau.....	18,314
Ventilating apparatus, Mann's Boudoir Car Co.....	18,229
Waterproof, &c., fluid for making fabrics, C. B. Warner.....	18,227
Waters, mineral, J. S. Pearson.....	18,247
Wick trimmer, W. C. Seaton.....	18,270
Winch, lock, J. A. Gordon.....	18,336
Wiping apparatus, wire, H. Roberts.....	18,318
Wire, annealing pot for, H. Roberts.....	18,319
" cutting and bending machine, T. S. Bayles.....	18,323
" feeding apparatus, H. Roberts.....	18,320
" pickling apparatus, H. Roberts.....	18,321
" wiping machine, H. Roberts.....	18,318
Wood graining, N. S. Briggs.....	18,273
Wrench, G. G. Hadley et al.....	18,360

INDEX OF PATENTEES.

Agnew, R. M., et al., car brake.....	18,363	18,364
Ainsworth, G. J., creamer.....	18,350	18,350
Anderson, C., et al., plough.....	18,312	18,312
Armour, M. C., stove.....	18,298	18,298
Arthur, G. W., et al., lubricator.....	18,286	18,286
Bagnall, R., et al., rail stringer.....	18,332	18,332
Barclay, G. B., stove pipe.....	18,253	18,253
Barnes, T. C., millstone dressing machine.....	18,287	18,287
Barnum, D. L., thill cultivator.....	18,358	18,358
Barrickle, A., window shade.....	18,337	18,337
Bartrand, E., churn mechanism.....	18,352	18,352
Bayles, T. S., wire cutting and bending machine.....	18,323	18,323
Beeson, L., et al., train signal.....	18,252	18,252
Bell (The) Telephone Co., magneto-electric call.....	18,308	18,308
Bender, O. N., et al., electric cable support.....	18,226	18,226
Bennell, H. S., et al., car-coupling.....	18,356	18,356
Betschen, J., et al., motor power.....	18,279	18,279
Blun, F. S. M., et al., corset clasp.....	18,343	18,343
Bower, B. F., firemen's ladder.....	18,374	18,374
Bowker, W., hoop sawing machinery.....	18,302	18,302
Brady, P., et al., telegraph cable.....	18,338	18,338
" " " conductor.....	18,372	18,372
Briggs, N. S., painting composition.....	18,273	18,273
Brobst, D., roofing compound.....	18,282	18,282
Brown, C., magneto-electric call.....	18,308	18,308
" F. L., et al., boots and shoes.....	18,250	18,250
Bruneau, L. P., attachment of horse vehicle.....	18,314	18,314
Call, L. A., dress chart.....	18,233	18,233
Carrier, A., lath machine.....	18,327	18,327
Case, H. J., et al., harvesting machine.....	18,299	18,299
Chambers, D., et al., saw filing machine.....	18,348	18,348
" J. C., et al., telegraph cable.....	18,338	18,338
" " " conductor.....	18,372	18,372
Church, H. L., et al., freezing apparatus.....	18,288	18,288
Clarke, C. L., et al., circuits and indicators.....	18,262	18,262
Conant, G., egg preserver.....	18,246	18,246
Cook, M. G., scales.....	18,235	18,235
Cordrey, T. P., ballast car.....	18,339	18,339
Cosgrove, W. F., plug for pipes.....	18,271	18,271
Cotter, J. A., spark-arrester.....	18,236	18,236
Covel, M., saw sharpening machine.....	18,280	18,280
Covel, A. W., fire escape ladder.....	18,297	18,297
Covert, J. C., soldering iron.....	18,242	18,242
Crawford, M., cockle machine.....	18,291	18,291

Crawford, M., flour dressing machiae.....	18,290	18,290
Crompton, F., et al., corset.....	18,316	18,316
Curtis, R. Z. B., grain cleaning machine.....	18,265	18,265
Cushman, S. S., et al., saw filing machine.....	18,348	18,348
Darker, W., et al., braiding machine.....	18,376	18,376
Davis, E. H., et al., car.....	18,349	18,349
" S., et al., railway car.....	18,333	18,333
Dearborn, C. A., et al., sewing machine.....	18,237	18,237
DeWitt, J. M., car brake.....	18,317	18,317
Dickerman, A., et al., window screen.....	18,365	18,365
Dixon, H. & B., post driving machine.....	18,351	18,351
Dodge, J. C., hammocks and cots.....	18,281	18,281
Donnelly, M., et al., striker for sash bolts.....	18,311	18,311
Dunbar, R. & G. H., et al., oiler for machinery.....	18,322	18,322
Duval, J., gun.....	18,274	18,274
Ederly, S. H., crane.....	18,281	18,281
Elliott, C. H., et al., striker for sash bolts.....	18,310	18,310
Eltringham, W. & J., safety fuses.....	18,371	18,371
Farlin, D., et al., rail joint.....	18,342	18,342
Fellows, R. C., brush boring machine.....	18,278	18,278
Fielden, G., binding harvester.....	18,268	18,268
Fisher, C. A., et al., cut out of telephone.....	18,256	18,256
FitzGerald, D. G., accumulator.....	18,369	18,369
Frost, S., staple.....	18,334	18,334
Fulton, L. B., gauge cocks.....	18,311	18,311
Gardner, F. A., et al., oiler for machinery.....	18,355	18,355
Garrity, L., et al., sulky plough.....	18,371	18,371
Gibbon, T. H., et al., rail joint.....	18,296	18,296
Gifford, E. N., car-coupling.....	18,372	18,372
Girdley, N. E., et al., telegraph operator.....	18,344	18,344
Goyn, R., et al., pitman coupling.....	18,244	18,244
Graham, C. A., hay elevator.....	18,284	18,284
" D. M., stove or furnace.....	18,294	18,294
Greene, W. A., device for protecting the neck bands, &c., of shirts.....	18,347	18,347
Grice, A. P., et al., nail extractor.....	18,338	18,338
Gridley, N. C., et al., telegraph cable.....	18,360	18,360
Hadley, G. G., et al., wrench.....	18,370	18,370
Hansen, O., fire-escape.....	18,368	18,368
Harter, M. D., et al., car brake.....	18,340	18,340
Harvey, H. A., gimlet pointed screw.....	18,266	18,266
Hay, A., sack filler.....	18,343	18,343
Henius, M. W., et al., corset clasp.....	18,262	18,262
Hewett, E., et al., circuits and indicators.....	18,364	18,364
Hice, H., et al., car brake.....	18,363	18,363
Higgins, C. L., flexible last.....	18,283	18,283
" M. E., under waist.....	18,295	18,295
Hillhorn, F. S., et al., galvanic battery.....	18,228	18,228
Hindley, R. C., skate.....	18,264	18,264
Hobbs, E. M., et al., car-coupling.....	18,315	18,315
Hochhausen, W., secondary battery.....	18,281	18,281
Hoedmaker, J. A., et al., galvanic battery.....	18,228	18,228
Hoffmaster, S., et al., lubricator.....	18,286	18,286
Holgate, H., et al., rail stringer.....	18,332	18,332
Holman, J. W., et al., car brake.....	18,363	18,363
Huson, J., et al., car truck.....	18,324	18,324
Imbach, M. G., brush boring machine.....	18,342	18,342
Kearney, D., stop valve.....	18,305	18,305
Keating, L. N., et al., window screen.....	18,317	18,317
" W. H., oven grate.....	18,243	18,243
Keffer, S. B., et al., boots and shoes.....	18,250	18,250
Kellogg, H. W., method of raising cream.....	18,304	18,304
Kells, E., et al., freezing apparatus.....	18,288	18,288
Knight, E., hasp lock.....	18,245	18,245
Krizik, F., et al., electric lamp.....	18,249	18,249
Lane, J. C., et al., railroad signal.....	18,258	18,258
Laughlin, S. J., elevator gate.....	18,284	18,284
Lawler, J. W. & A. B., draft equalizer.....	18,368	18,368
LeFebvre, F. X., gun.....	18,322	18,322
Leopold, C. F., et al., braiding machine.....	18,276	18,276
Lewis, F. A., lifting jack.....	18,363	18,363
" G. W., et al., nail extractor.....	18,347	18,347
Love, J., et al., dumping platform.....	18,303	18,303
McWilliams, A., et al., car-coupling.....	18,255	18,255
" " " semaphore signals.....	18,346	18,346
" " " station indicating device.....	18,341	18,341
Mann's Boudoir Car Co., heating apparatus.....	18,229	18,229
" " " ventilating.....	18,251	18,251
" J. D., heating apparatus.....	18,229	18,229
" W. D., ventilating apparatus.....	18,300	18,300
Markham, A., process for converting mauganite, &c.....	18,358	18,358
Mathieu, J. A., evaporating apparatus.....	18,300	18,300
Merrill, G. P., et al., wrench.....	18,359	18,359
Morden, W. J., railway frog.....	18,309	18,309
Morris, C. W., rowlock.....	18,289	18,289
Munn, S. J., et al., train signal.....	18,253	18,253
Newell, N. C., button.....	18,331	18,331
Nichols, F. B., et al., valve gear.....	18,375	18,375