

INDEX OF INVENTIONS.

Bed spring, W. Jones	
Bells, hanging and operating, H. A. Dlerkes	
Boiler tubes by steam, cleaning, W. S. Von Esser	
Boiler, vegetable, M. G. Wilson	
Bolts, cutting and finishing studs and, J. Nelson	
Boots and shoes, J. A. Stockwell	
Cans, improvements on, F. D. Brodhead	
Carriage, children's, R. Cobleigh	
Carriages, improvements on, G. White	
Clothes washer, G. Huntington	
Clothes wringer, J. R. Smith	
Cooking utensil, J. H., and N. Weare	
Croton oil, &c., application of, J. W. Elliott	
Dental engines, S. S. White (assignee)	
Diamonds in drills, &c., setting, C. A. Terrey	
Drawers, improvements in, J. J. Fitzpatrick	
Filter water, J. C. Codyé	
Furnaces and furnace doors, W. A. Martin	
Gas machine, J. G., and W. Muller	
Gas, manufacture of, F. H. Date	
Grain and malt drier, F. H. C. May	
Harrow and roller, J. Vessot, Sr., and S. Vessot, Jr.	
Harvester, J. F. Gordon	
" lawn mower, &c., J. C., and C. J. Sturgeon	
Harvesting machines, improvements on, W. F. Cochrane	
Heaters, improvements on, J. L. Massie	
Horse-collar, W. Irvine and S. Trees	
Horse rake, C. M. Clinton, L. Mood, E. C. and C. P. Gregg	
Horses from jumping, &c., device for preventing, G. D. Chisholm and S. Douglass	
Iron moulding machine, J. Boyle	
Kiln, burning, G. C. Surls	
Lamp wicks, C. A. Shaw, (assignee)	
Life preserver, L. Letourneau	
Neck-tie holders, R. B. and M. Anderson	
Paper barrels, J. L. Thompson and F. N. Davis	
Pavement, wooden, C. H. Miller	
Pulley blocks, G. Williams	
Railway switch, E. Mercier, M. Lanctot and A. H. Elliott	
Rakes, improvements on, L. A. Powers	
Rivet, M. Bray	
Rock reamer, D. W. Siprell	
Roofs, shingling of, J. M. and C. T. Schramm	
Screen for coal cinders, T. Gavin	
Secretary, W. S. Wooton, J. G. Blake and H. H. Fulton	
Sewing machines, improvements on, R. M. Wanzer	
" lamp attachment to, J. Telfer	
Spark arrester, A. N. Chrystie and A. T. C.	
Splints, leg, D. Bissell	
Steam boilers, method of heating, &c., J. W. Dunn and G. B. Boyle	
Steam boilers, water regulator and alarm for, H. S. Cole	
Stove, base burning, E. Russey	
Stoves, improvements in, W. G. P. Cassels	
Studs and bolts, cutting and finishing, J. Nelson	
Stumps, machine for pulling, F. P. Mackelean	
Tremall wedge machine, J. Lennertron	
Valve gear, J. Tesseyman and P. Smith	
Vegetable Washer, H. J. Wattles	
Vehicles, device for connecting the neck yoke with the draft poles of, H. D. Gibbs	
Wheat scourer, G. W. McNeil	
Wind wheel, H. Smith	
Window blind, S. Paling	4233

INDEX OF PATENTEES.

Anderson, M., and R. B., neck-tie holders	1225
" R. B., and M., "	4225
Bissell, David, leg splint	4194
Blake, J. G., H. H. Fulton and W. S. Wooton, secretary	4230
Boyle, G. B., and G. W. Dunn, method of heating and protecting steam boilers	1200
Boyle, J., iron moulding machine	4245
Bray, M., rivet	4244
Brodhead, F. D., improvements on cans	1201
Cassels, W. G. P., improvements on stoves	1205
Chisholm, G. D., and S. I. Agass, device for preventing horses from jumping, &c.	1191
Chrystie, A. N., and A. T. Gatt, spark arrester	4204
Clinton, C. M., L. Mood, E. C. Gregg and C. P. Gregg, horse rake	4216
Cobleigh, R., children's carriage	1227
Cochrane, W. F., harvesting machines	1232
Codyé, J. C., water filter	1239
Cole, H. S., steam boiler regulator	4192
Date, F. H., manufacture of gas	4215
Davis, F. N., and J. L. Thompson, paper barrels	4248
Dlerkes, H. A., hanging and operating bells	4235
Douglass, S., and G. D. Chisholm, device for preventing horses from jumping, &c.	1191
Dunn, J. W., and G. B. Boyle, method of heating and protecting steam boilers	4200
Elliott, A. H., E. Mercier and M. Lanctot, railway switch	4229
Elliott, J. W., application of croton oil, &c.	4223
Fitzpatrick, J. J., drawers	4190
Fulton, H. H., W. S. Wooton and J. G. Blake, secretary	4230
Gavin, T., screen for coal cinders	4213
Gibbs, H. D., device for connecting the neck yoke with the draft poles of vehicles	4210
Gordon, J. F., harvester	1193
Gregg, E. C., C. P. Gregg, C. M. Clinton and L. Mood, horse rake	1216
Huntington, G., clothes washer	4203
Irvine, W., and S. Trees, horse collar	4190
Jones, W., bed spring	4202
Lanctot, M., A. H. Elliott and E. Mercier, railway switch	4229
Lennertron, J., tremall wedge machine	4222
Letourneau, L., life preserver	4217
McNeil, G. W., wheat scourer	1226
Mackelean, F. P., machine for pulling stumps	4207
Martin, W. A., furnaces and furnace doors	1212
Massie, J. L., improvements on heaters	1237
May, F. H. C., grain and malt drier	1211
Mercier, E., M. Lanctot and A. H. Elliott, railway switch	4229
Miller, C. H., wooden pavement	1238
Mood, L., C. M. Clinton, E. C. Gregg and C. P. Gregg, horse rake	4216
Muller, J. G., and W., gas machine	4213
" W., and J. G., "	4213
Nelson, J., cutting and finishing studs and bolts	4197
Paling, S., window blind	4233
Powers, L. A., improvements on rakes	4249
Russey, E., base burning stove	4249
Schramm, C. T., and J. M., roof shingling	4236
Shaw, C. A., lamp wicks	4246
Siprell, D. W., rock reamer	1214
Smith, H., wind wheel	4205
Smith, J. R., clothes wringer	1218
Smith, Preserved, and J. Tesseyman, valve gear	4026
Sturgeon, J. C., and C. J., mower and harvester	4221
" C. J., and J. C., "	4221
Stockwell, J. A., improvements on boots and shoes	4220
Surls, G. C., burning kiln	4195
Telfer, J., lamp attachment to sewing machines	4228
Terrey, C. A., diamond setting in drills, &c.	4219
Tesseyman, John, and P. Smith, valve gear	4206
Thompson, J. L., and F. N. Davis, paper barrels	4248
Trees, S., and W. Irvine, horse collar	4190
Vessot, J., Sr., and S. Jr., harrow and roller	4223
" S. Jr., and J. Sr., "	4224
Von Esser, W. S., boiler tube cleaning	4241
Wooton, W. S., J. G. Blake and H. H. Fulton, secretary	4230
Wilson, M. G., vegetable boiler	4209
Williams, G., pulley blocks	4250
White, S. S., (assignee), dental engines	4199
White, G., improvements on carriages	4212
Weare, J. H., and N., cooking utensil	4195
Wattles, H. J., vegetable washer	4217
Wanzer, R. M., sewing machines	4231