

## INDEX OF PATENTEEES.

|                                                   |                |                                                 |           |
|---------------------------------------------------|----------------|-------------------------------------------------|-----------|
| Adlam, S., hose couplings .....                   | 7632           | Long, F. C., enamelling photographs.....        | 7550      |
| Aitken, R., jointing circular saws.....           | 7667           | Lugrin, H. A., stop watches .....               | 7660      |
| Allen, I. H., fire ladders.....                   | 7578           | McCannon, G., et al., threshing machine .....   | 7648      |
| Appelman, A. R., clover hullers.....              | 7616           | McCausland, W. L., fluting trows .....          | 7547      |
| Atkins, G. W., et al., lap rings.....             | 7585           | McDermald, J., churans.....                     | 7597      |
| Atkinson, G. T., horse shoes.....                 | 7653           | McDermald, H., ploughs.....                     | 7668      |
| "    H., timber shipment.....                     | 7613           | McDonald, T., canister for groceries.....       | 7593      |
| Aubin, A. N. N., gas generators .....             | 7587           | McKellar, M., leather renovating.....           | 7592      |
| Bartlett, J., et al., printing type .....         | 7693           | McLean, A., compound for roofs.....             | 7669      |
| Bateman, E. W., making bread.....                 | 7591           | Maxwell, D., straw cutter.....                  | 7623      |
| Bates, J., clothes drier.....                     | 7578           | May, S., coal oil lamps.....                    | 7590      |
| Beer, E. B., targets.....                         | 7570           | Michaels, A. M., and W., stump extractors ..... | 7583      |
| Bellamy, G., waggons.....                         | 7575           | Might, J. M., fountain pens .....               | 7617      |
| Blekerdike, R., et al., screw propeller .....     | 7628           | Miller, A., clover hullers.....                 | 7616      |
| Biggar, W., et al., leather renovators .....      | 7568           | Moore, W., et al., wind wheels.....             | 7605      |
| Blackhall, E. W., lamp chimney.....               | 7656           | Moreau, G., stoves.....                         | 7620      |
| Brightman, J. C., horse shoes.....                | 7650           | Mowry, R., et al., threshing machine.....       | 7648      |
| Bray, M., boots and shoes.....                    | 7558           | Murray, W., fireman's apparatus .....           | 7586      |
| Brown, J., thrashing machines.....                | 7516           | "    W. M., et al., printing type .....         | 7663      |
| Bunster, H. B., et al., utilizing glycerine ..... | 7556           | Murwin, G., et al., leather renovators .....    | 7568      |
| Byron, E. L., et al., hand truck.....             | 7627           | Nicol, L., et al., meat cutters .....           | 7633      |
| Caldwell, J. A., hose couplings .....             | 7632           | Noyes, L. W., hay carriers .....                | 7638      |
| Chase, J., shade fixtures.....                    | 7573           | Otis, N. P., oscillating joint .....            | 7588      |
| Church, W., washing machines.....                 | 7560           | Palmer, M., middlings separators .....          | 7581      |
| Cipperly, J. W., et al., sewing machines .....    | 7631           | Parker, C. H., et al., boat oars.....           | 7607      |
| Clark, O. W., music leaf turner.....              | 7655           | Patten, W. H., et al., wheel rakes .....        | 7626      |
| Cole, J. C., et al., sewing machines .....        | 7631           | Penniman, R. S., saving acids .....             | 7581      |
| Collins, M. H., musical instruments .....         | 7561           | Pitt, G. W., safety locks .....                 | 7573      |
| Conboy, D., seats for vehicles .....              | 7617           | Powell, C., pumps.....                          | 7622      |
| Cone, H. C., butter dish.....                     | 7582           | Protheroe, P., anchors.....                     | 7598      |
| Coté, M., et al., meat cutters.....               | 7633           | Pulliam, L., waggon springs .....               | 7595      |
| Dark, H., et al., milk pan.....                   | 7629           | Randel, W., et al., sewing machines .....       | 7631      |
| Dayton, H. G., aging liquors.....                 | 7672           | Redden, H., bag fasteners.....                  | 7566      |
| Dederick, P. K., hay presses.....                 | 7612 7613 7611 | Reel, J. P., et al., middlings purifier.....    | 7562      |
| Elbe, H., fire escapes.....                       | 7576           | Rice, I. L., G. linking apparatus.....          | 7611      |
| Felt, T. M., et al., utilizing glycerine .....    | 7556           | Rinehart, L. G., et al., truck.....             | 7670      |
| Field, J., et al., gear of buggies .....          | 7557           | Rouch, T., et al., milk pan.....                | 7629      |
| "    J. E., et al., pencils.....                  | 7651           | Rockfellow, S. L., grocers' scoops.....         | 7602      |
| Flagler, H. R., pipes and tubes.....              | 7621           | Rodgers, D., et al., screw propeller .....      | 7628      |
| Forbes, J., and W. E., bed bottom .....           | 7599           | Root, J. B., pipes and tubes.....               | 7624      |
| Forsyth, W., et al., threshing machine.....       | 7618           | Salomon, E., heel counters .....                | 7550      |
| Fox, J. S., wringing machines .....               | 7658           | Samuels, J. B., elastic hub.....                | 7619 7630 |
| French, G., et al., fire escape .....             | 7618           | Sault, T., washing machines.....                | 7560      |
| Galbraith, R. S., et al., umbrellas.....          | 7609           | Saunders, C., fanning mills.....                | 7545      |
| Gary, W. W., electric motors.....                 | 7572           | Seyler, A. J., et al., middlings purifier.....  | 7562      |
| Gelston, M., cigars.....                          | 7611           | Shackleton, J., sand papering.....              | 7591      |
| Gillmore, H., et al., pumps.....                  | 7596           | Shaw, A. B., curtain fixtures .....             | 7571      |
| Gridley, J. E., heating stoves.....               | 7621           | "    D. R., corking machines .....              | 7565      |
| Griffin, J. L., fish cases.....                   | 7616           | Sheldon, R. B., hay rakes.....                  | 7567      |
| Guerin, T., sewer traps.....                      | 7557           | Shultz, J. A. J., raw hides.....                | 7549      |
| Hammill, R. E., et al., gear of buggies .....     | 7585           | "    belting leather.....                       | 7555      |
| Harris, J. C., et al., lap rings.....             | 7631           | Smith, J., leather crimping.....                | 7661      |
| Hastehurst, T. E., sewing machines .....          | 7607           | "    J. N., railway axle box .....              | 7611      |
| Hatch, W. B., bed bottoms.....                    | 7631           | "    W. G., utilizing glycerine .....           | 7556      |
| Hayes, G. W., elastic hub.....                    | 7630           | Snow, W., et al., umbrellas.....                | 7609      |
| Heard, J., stone walling.....                     | 7601           | Somes, J. K., et al., bias measures .....       | 7625      |
| Heath, J., et al., pumps.....                     | 7551           | Spencer, T. W., time locks.....                 | 7659      |
| Henry, F. J., mower knives.....                   | 7583           | Spratt, J., et al., suspension tramway .....    | 7559      |
| Holland, B., et al., piston packing .....         | 7651           | Stead, R. J., et al., wind wheels.....          | 7605      |
| Holton, W. J., et al., pencils.....               | 7606           | Stevens, W. J., railroad brakes.....            | 7635      |
| Hotchkiss, B. B., breech loading arms.....        | 7559           | Suggett, J. W., et al., boat oars .....         | 7607      |
| Howse, A. R., et al., suspension tramway .....    | 7569           | Sullivan, F. W., nut locks.....                 | 7570      |
| Hulburd, H. G., solder wire.....                  | 7551           | Talley, J., Jr., water wheels.....              | 7662      |
| Hurd, L. D., gearing for waggons .....            | 7627           | Taylor, C., horse shoes.....                    | 7600      |
| Jameson, S., et al., hand truck.....              | 7670           | "    C. W. H., et al., fountain pens .....      | 7617      |
| Johnson, C. W., et al., truck.....                | 7583           | Tenner, A., fire extinguisher.....              | 7649      |
| Kennedy, R. D., et al., piston packing .....      | 7664           | Thigman, B. C., stone sawing.....               | 7518      |
| King, B. P., bolt.....                            | 7604           | Turley, M., horse collars.....                  | 7558      |
| "    C., dental pluggers.....                     | 7637           | Turner, H., et al., fire escape .....           | 7618      |
| Lade, R., gang ploughs.....                       | 7603           | VanSice, J. H., harness.....                    | 7651      |
| Lanier, J. B., taper machines .....               | 7552           | Walte, L. R., et al., bias measures .....       | 7625      |
| Leathers, L. L., artificial stone.....            | 7608           | Walker, E. P., butter machines.....             | 7610      |
| Lescaubeau, M., pumps.....                        | 7619           | Wassell, E., bridge piers.....                  | 7636      |
| Leverich, G., elastic hubs.....                   | 7665           | Weed, W., indelible ink.....                    | 7635      |
| Libby, C., galters.....                           | 7657           | Wertheim, J., gas engine.....                   | 7615      |
| Locke, E. A., sealing devices.....                |                | Whiteley, W. N., harvesters.....                | 7561      |
|                                                   |                | Williams, J. S., railway switches.....          | 7559      |
|                                                   |                | Wisner, J. E., horse rakes.....                 | 7671      |
|                                                   |                | Young, A., mantles.....                         | 7610      |
|                                                   |                | "    S. P., and C. D., et al., wheel rake.....  | 7628      |