

## ALPHABETICAL LIST OF INVENTIONS—continued.

| Invention.                                                  | Name.                                              | Application. |                | Gazette. |           |
|-------------------------------------------------------------|----------------------------------------------------|--------------|----------------|----------|-----------|
|                                                             |                                                    | No.          | Date.          | No.      | Date.     |
| Railway signalling-apparatus .. ..                          | V. L. Raven .. ..                                  | 22784        | 19 June, 1906† | 51       | 13 June.  |
| Railway-vehicle coupling .. ..                              | G. Johnston .. ..                                  | 22785        | 8 May ..       | 51       | 13 June.  |
| Rake and swath turner .. ..                                 | W. E. Martin .. ..                                 | 22973        | 1 Oct., 1906†  | 65       | 25 July.  |
| Ram, Submerged .. ..                                        | F. W. Payne .. ..                                  | 22649        | 5 April ..     | 62       | 11 July.  |
| Rat-stop for drain .. ..                                    | P. E. and A. G. Reid and J. G. Kosseck             | 22897        | 25 May ..      | 56       | 27 June.* |
| Razor .. ..                                                 | T. C. Durham .. ..                                 | 22889        | 25 May ..      | 62       | 11 July.  |
| Razor. (See Safety-razor.)                                  |                                                    |              |                |          |           |
| Receptacle for small goods .. ..                            | J. Henderson .. ..                                 | 22915        | 26 July, 1906† | ..       | ..        |
| Refrigerating (See Air-cooler.)                             |                                                    |              |                |          |           |
| Refrigerator-pump .. ..                                     | W. J. Kulitze .. ..                                | 22821        | 14 May ..      | 62       | 11 July.* |
| Register, Time-recording .. ..                              | N. S. McNab and J. S. Link ..                      | 23024        | 22 June ..     | ..       | ..        |
| Registering. (See Counting and Registering.)                |                                                    |              |                |          |           |
| Reinforced concrete. (See Ferro-concrete.)                  |                                                    |              |                |          |           |
| Rein-holder .. ..                                           | E. Meech .. ..                                     | 22819        | 14 May ..      | ..       | ..        |
| Resilient wheel (See Wheel.)                                |                                                    |              |                |          |           |
| Resin. (See Gum-resin.)                                     |                                                    |              |                |          |           |
| Retoucher, Electric .. ..                                   | A. V. Davis .. ..                                  | 22936        | 30 May ..      | 62       | 11 July.* |
| Reversing-gear for engines .. ..                            | W. Brighton .. ..                                  | 22850        | 17 May ..      | 51       | 13 June.* |
| Riddle or gravel-screen .. ..                               | A. P. F. and G. D. Watson ..                       | 23019        | 21 June ..     | ..       | ..        |
| Rifle-sight .. ..                                           | E. S. Baldwin and H. H. Rayward                    | 22625        | 2 April ..     | 48       | 30 May.   |
| Ring. (See Finger-ring.)                                    |                                                    |              |                |          |           |
| Road-sweeper .. ..                                          | E. S. Slee and P. Tremayne ..                      | 22612        | 28 March ..    | 44       | 16 May.*  |
| Road. (See also Street.)                                    |                                                    |              |                |          |           |
| Rock-drill .. ..                                            | J. M. Porter and J. Overall ..                     | 22733        | 24 April ..    | 48       | 30 May.*  |
| Roller. (See Machinery-roller.)                             |                                                    |              |                |          |           |
| Roof. (See Iron roof.)                                      |                                                    |              |                |          |           |
| Rotary engine .. ..                                         | W. M. H. M. Peacock .. ..                          | 22934        | 1 June ..      | 56       | 27 June.* |
| Rotary gas-engine .. ..                                     | J. E. Friend .. ..                                 | 22756        | 1 May ..       | 51       | 13 June.  |
| Rotary maze .. ..                                           | R. Lowe .. ..                                      | 22638        | 4 April ..     | 44       | 16 May.*  |
| Rotary motor .. ..                                          | P. Ellis .. ..                                     | 22967        | 10 June ..     | 62       | 11 July.* |
| Rotary oil-engine .. ..                                     | F. W. Paterson .. ..                               | 23064        | 26 June ..     | 65       | 25 July.* |
| Rotary pump .. ..                                           | A. E. Luttrell .. ..                               | 21159        | 17 May, 1906   | 51       | 13 June.  |
| Rotary pump and turbine .. ..                               | E. S. G. Rees .. ..                                | 22588        | 19 March ..    | 41       | 2 May.    |
| Rotary steam-engine .. ..                                   | J. E. Friend .. ..                                 | 22684        | 13 April ..    | 48       | 30 May.   |
| Rubber goods, Manufacturing and repairing                   | T. Gare .. ..                                      | 22873        | 29 May, 1906†  | ..       | ..        |
| Runaways, Preventing .. ..                                  | O. T. Madeley .. ..                                | 22307        | 11 May ..      | 51       | 13 June.* |
| Runaways, Preventing .. ..                                  | J. H. Krause .. ..                                 | 22948        | 5 June ..      | 65       | 25 July.* |
| Runaways, Preventing .. ..                                  | A. J. Hobbs and J. R. Jewell ..                    | 23031        | 24 June ..     | 65       | 25 July.* |
| Saddle-cover .. ..                                          | G. J. Clegg .. ..                                  | 22992        | 15 June ..     | ..       | ..        |
| Safety-razor .. ..                                          | G. Johnson and F. J. McLaren                       | 22938        | 4 June ..      | 56       | 27 June.* |
| Sand-blast apparatus .. ..                                  | International Sand-blast Company                   | 22606        | 25 March ..    | 44       | 16 May.   |
| Sash. (See Window-sash.)                                    |                                                    |              |                |          |           |
| Saucer. (See Cup and saucer.)                               |                                                    |              |                |          |           |
| Saw-setting device .. ..                                    | J. Reynolds .. ..                                  | 20895        | 22 Mar., 1906  | 33       | 4 April.  |
| Scaffolding-bracket .. ..                                   | C. Lucas .. ..                                     | 21216        | 28 May, 1906   | 33       | 4 April.  |
| Scaffolding-bracket .. ..                                   | C. Lucas .. ..                                     | 21261        | 6 June, 1906   | 36       | 18 April. |
| Scaffolding-bracket .. ..                                   | G. R. Hale .. ..                                   | 22747        | 29 April ..    | 44       | 16 May.*  |
| Scaffolding bracket and hook .. ..                          | A. Lawton .. ..                                    | 23033        | 24 June ..     | 62       | 11 July.* |
| Scarifier .. ..                                             | A. J. Hall .. ..                                   | 22424        | 11 Feb. ..     | 44       | 16 May.   |
| Scraper. (See Boot-scraper.)                                |                                                    |              |                |          |           |
| Screen. (See Gravel-screen.)                                |                                                    |              |                |          |           |
| Screw-propeller .. ..                                       | R. A. W. Green .. ..                               | 23054        | 26 June ..     | ..       | ..        |
| Seed-sower .. ..                                            | J. Macalister .. ..                                | 20997        | 9 April, 1906  | 44       | 16 May.   |
| Seed-sower .. ..                                            | G. Gray .. ..                                      | 21344        | 22 June, 1906  | 48       | 30 May.   |
| Seed-sower .. ..                                            | A. Todd .. ..                                      | 22547        | 12 March ..    | 41       | 2 May.*   |
| Seed-sower .. ..                                            | G. Hutchinson .. ..                                | 22706        | 18 April ..    | 44       | 16 May.*  |
| Seed-sower .. ..                                            | G. Hutchinson .. ..                                | 22722        | 22 April ..    | 48       | 30 May.*  |
| Seed-sower .. ..                                            | G. W. King and A. H. Munro ..                      | 22793        | 9 May ..       | 56       | 27 June.  |
| Seed-sower .. ..                                            | C. Bristow .. ..                                   | 22804        | 10 May ..      | 48       | 30 May.*  |
| Seed-sower .. ..                                            | A. Storrie .. ..                                   | 23030        | 19 June ..     | ..       | ..        |
| Seed-sower, Broadcast .. ..                                 | B. F. Cranwell, C. F. F. Allan, and J. H. Trudgeon | 20871        | 14 Mar., 1906  | 41       | 2 May.    |
| Separating dirt from cotton waste ..                        | W. Youtlen .. ..                                   | 21290        | 13 June, 1906  | 56       | 27 June.  |
| Separating ores .. ..                                       | A. J. F. de Bavay .. ..                            | 23049        | 26 June ..     | 65       | 25 July.* |
| Septic tank .. ..                                           | A. I. Joseph .. ..                                 | 22553        | 13 March ..    | 41       | 2 May.    |
| Septic tank, Disposal of effluent from ..                   | C. Harper .. ..                                    | 22183        | 12 Dec., 1906  | 41       | 2 May.    |
| Sewerage system .. ..                                       | J. F. and W. P. Liernur .. ..                      | 23023        | 22 June ..     | ..       | ..        |
| Sewing-machine, Lock-stitch .. ..                           | United Shoe Machinery Company                      | 22764        | 2 May ..       | 48       | 30 May.*  |
| Sewing-machine lubricator .. ..                             | United Shoe Machinery Company                      | 22765        | 2 May ..       | 48       | 30 May.*  |
| Sewing-machine needle .. ..                                 | H. McKinlay .. ..                                  | 22641        | 6 April ..     | ..       | ..        |
| Shaft-coupling .. ..                                        | G. E. Spooner .. ..                                | 22859        | 21 May ..      | 56       | 27 June.* |
| Shaft mounting. (See Centrifugal Machines, Shaft mounting.) |                                                    |              |                |          |           |
| Shaft-tug .. ..                                             | J. P. Horner .. ..                                 | 22620        | 28 March ..    | 44       | 16 May.*  |
| Shaping and bending machine for metals                      | J. W. Hardley .. ..                                | 21381        | 29 June, 1906  | 44       | 16 May.   |
| Sheep feed-box .. ..                                        | W. R. Taylor .. ..                                 | 22631        | 3 April ..     | 44       | 16 May.*  |
| Sheep-shearing machine .. ..                                | J. C. Preston .. ..                                | 22374        | 31 Jan. ..     | 41       | 2 May.    |
| Shield. (See Tire-protector, &c.)                           |                                                    |              |                |          |           |
| Ship's hull .. ..                                           | T. Mitchell .. ..                                  | 21543        | 31 July, 1906  | 56       | 27 June.  |