

3524. To John Henry Mac Ilwaine and Richard Lewis, both of Abercorn Basin, Belfast, for the invention of "improvements in steam boilers."

3525. And to William Read, of Brighton, in the county of Sussex, for the invention of "improvements in fasteners for gloves, wearing apparel, boots, shoes, and other articles."

On both their petitions, recorded in the Office of the Commissioners on the 11th day of October, 1875.

3531. To Richard Loder, of 19, Salisbury-street, Strand, and Southampton-row, London, for the invention of "improvements in the manufacture, adaptation, and application of articles in paper to certain purposes of or for personal use, comfort, and hygiene."

3532. To William Allan, of East Linton, Prestonkirk, in the county of Haddington, North Britain, for the invention of "new or improved brakes for railway trains."

3534. To Stewart Barry Wier, of Shepherd's Bush, in the county of Middlesex, for the invention of "improvements in speed indicators."

3535. To James Alexander King, of Glasgow, in the county of Lanark, for the invention of "certain improvements in machinery for excavating earth."

3538. To Edward Russell Vaughan, of Number twelve, Rutland-square, in the city of Dublin, Ireland, Aerated Water Manufacturer, for the invention "improvements in the bottles and stoppers used in the manufacture of aerated waters, together with a bottle opener for same."

3540. To William Kennedy, of Saltcoats, in the county of Ayr, North Britain, for the invention of "improvements in apparatus for sounding or indicating the depth of water."

3542. To Harry Robert Newton, of 43, Seymour-st., Portman-square, in the county of Middlesex, Architect and Surveyor, for the invention of "a locking apparatus for regulating a constant measured small or large supply of filtered or unfiltered water, to be delivered into existing cisterns or other reservoirs, or by a new system into closed tanks."

3543. To Matthew Sault, of Newhaven, in the State of Connecticut, United States of America, but at present of the town and county of Leicester, for the invention of "improvements in steam condensers."—A communication to him from abroad by the Ransom Syphon Condenser Company, of Buffalo, in the United States of America.

3544. To Walter Scott Berry and John Samuel Jackson, both of Manchester, in the county of Lancaster, for the invention of "improvements in the manufacture of certain woven fabrics known as 'Elysians,' 'Witneys,' 'Beavers,' and other woven fabrics of a similar character."

3545. To James Howard, of Bedford, in the county of Bedford, Agricultural Engineer, for the invention of "improvements in harvesting machines."

3546. And to John Andrew Blacklock, of Tottenham-court-road, and William George Appleford, of Regent-street, both in the county of Middlesex, for the invention of "improvements in sewing machines."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of October, 1875.

3548. To John William Couchman, of Tottenham, in the county of Middlesex, Civil Engineer, for the invention of "improvements in the means of and apparatus for raising sunken vessels, and also for preventing them from sinking."

3550. To Thomas Arthur Dillon, of Number 19, Lower Sherard-street, in the city of Dublin, Gentleman, for the invention of "raising and floating submerged ships and other vessels."

3552. To Edward James Farries, of College-hill, in the city of London, Accountant, for the invention of "improvements in propelling carriages and boats."

3554. To Edwin Muir, of the city of Manchester, Civil Engineer, for the invention of "improvements in and applicable to dredging machines."

3556. To Joseph Hamblet, of West Bromwich, in the county of Stafford, Brickmaker, and George Davies, of West Bromwich aforesaid, Brick Maker, for the invention of "improvements in dies or moulds of machines used for manufacturing bricks, tiles, pipes, and other like articles."

3558. And to Emily Stewart Kerr, of Ladbroke-grove-road, in the county of Middlesex, for the invention of "an improved device for lifting and holding up the skirts of ladies dresses."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of October, 1875.

3559. To Thomas Norman, of Runcorn, in the county of Chester, Earthenware Manufacturer, for the invention of "improvements in apparatus or appliances to be used in the manufacture of salt-cake."

3560. To Thomas Smith, of Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in planing machines."

3561. To William Henderson, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in machinery for dressing or surfacing stone, marble, and similar materials."

3562. To James Taylor, of Rochdale, in the county of Lancaster, for the invention of "improvements in the method of and apparatus for tightening the driving bands, cords, or chains employed in carding engines."

3563. To Peter Jensen, of Chancery-lane, London, for the invention of "improvements in covers, boxes, or cases for holding cigarette papers and other articles."—A communication to him from abroad by Henri Constantin Marie Richard Koenig, of Paris, France.

3564. To William Durham, of Balerno Paper Mill, Currie, in the county of Mid-Lothian, North Britain, for the invention of "improvements in purifying water."

3565. To Ridley Henderson, of Timsbury, in the county of Somerset, Mining Engineer, for the invention of "improvements in the construction of screw propellers, and of the floats, paddles, or boards of paddle-wheels and water-wheels."

3566. To George Baker the younger, of Birmingham, in the county of Warwick, Wire Worker, for the invention of "improvements in machinery for the manufacture of certain kinds of wire lattice work or wire netting."

3567. To Francis Robert Baker, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in the manufacture of spools or reels for holding cotton, silk, and other threads."

3568. To Reuben Phelps and George Phelps and Charles William Phelps, all of Birmingham, in the county of Warwick, Jewellers, for the invention of "improvements in infants' and invalids' feeding bottles."

3569. To Thomas Warwick, of Aston, near Birmingham, in the county of Warwick, Umbrella and Parasol Manufacturer, for the "in-