

abroad by Edmund Sharpe, of Paris, in the Empire of France, Civil Engineer.

On their several petitions, recorded in the Office of the Commissioners on the 26th day of February, 1866.

598. To Henry Wilson, Manager to Powis, James, and Company, of Victoria Works, Belvedere-road, Lambeth, in the county of Surrey, Engineers, for the invention of "improvements in sawing machinery."

On his petition, recorded in the Office of the Commissioners on the 27th day of February, 1866.

623. To Alfred Christmas Andrews, of Birmingham, in the county of Warwick, Machinist, for the invention of "improvements in screw rivets for boot pegs, and screw nails for various purposes, and in machinery for the manufacture of screw rivets and screw nails, a part of which improvements in machinery may also be applied to other purposes."

627. To Walter Weldon, of Park Villa, West-hill, Highgate, in the county of Middlesex, for the invention of "a new process for obtaining soda from common salt."

629. To Walter Weldon, of Park Villa, West-hill, Highgate, in the county of Middlesex, for the invention of "improvements in the manufacture of soda from common salt."

631. To William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "an improved spike."—A communication to him from abroad by Lewis Alexander Osborn, of the city, county, and State of New York, United States of America, Merchant.

633. And to Edward Loomes, of 18, Russell-grove, Vassall-road, North Brixton, in the county of Surrey, for the invention of "improvements in machinery for planting potatoes."

On their several petitions, recorded in the Office of the Commissioners on the 1st day of March, 1866.

637. To James Carpenter, of Carshalton, in the county of Surrey, Watch Maker, for the invention of "improvements in keys for watches and clocks, parts of which improvements are applicable to the keys of ordinary locks."

639. To Edmund Winder Otway, of Reading, in the county of Berks, Engineer, for the invention of "improvements in chaff cutting machines."

641. And to James Tansley, of Bedford, in the county of Bedford, Cabinet Maker, for the invention of "improvements in the construction and mounting of safes, part of which improvements is applicable to shutters and doors of buildings where security is required."

On their several petitions, recorded in the Office of the Commissioners on the 2nd day of March, 1866.

643. To Robert Walker, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in apparatus for calendering, mangling, or finishing."

649. To John Spear, of Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in the construction of vices."

651. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in operating railway carriage brakes."—A communication to him from abroad by Samuel McCambridge, of Philadelphia, in the State of Pennsylvania, United States of America.

655. To James Stevenson, of 19, Salisbury-street, Strand, in the county of Middlesex, for the invention of "improvements in machinery or apparatus for perforating rocks, to facilitate the formation of tunnels, galleries of mines, and for other similar purposes."—A communication to him from abroad by Theophilus Berrens, of the town of Tarbes, in the Empire of France, Railway Engineer.

657. And to John Bischoff, of the firm of Messieurs Streckeisen, Bischoff, and Company, of 7, New Broad-street, in the city of London, for the invention of "certain improvements in steam-cultivators, parts of which improvements are applicable to traction engines and to portable engines used for other purposes."—A communication to him from abroad by Robert Creuzbaur, of the city of Austin, in the county of Travis, State of Texas, in the United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 3rd day of March, 1866.

659. To Marc Antoine François Mennonis, of the firm of Mennonis and Telescheff, Home and Foreign Patent Agents, of No. 8, Southampton-buildings, in the county of Middlesex, and 27, Rue Laffitte, Paris, in the Empire of France, for the invention of "improvements in the mode of converting the fibrous residues of certain plants into filaments, suitable for the manufacture of textile fabrics, paper, pulps, and other products."—A communication from Marie Anne Véronique Cézique, a person resident at Clermont Ferrand, in France.

661. To James Stocks, of Manningham, near Bradford, in the county of York, Engineer, for the invention of "an improved superheater for a certain class of steam boilers, known as 'flash flers.'"

663. To William Aristides Vétel, of the Haugh, Stirling, in the county of Clackmannan, North Britain, Merchant, for the invention of "an improved apparatus for distilling petroleum and the oils obtained from coal, shale, and other like substances."

665. To Henry Hackett, of Warrington, in the county of Lancaster, Mechanical Engineer, for the invention of "an improved safety valve for steam boilers."

667. To James Gray, of Glasgow, in the county of Lanark, North Britain, Practical Chemist, for the invention of "improved preparations for acting upon sea water, or upon hard or impure water, in order to render such water more suitable for use in boilers, and otherwise."

669. To Thomas Clayton, of Manchester, for the invention of "improvements in apparatus employed in producing illuminating gas from inflammable and volatile liquids."

673. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in the construction of ordnance."—A communication to him from abroad by James Tyler Ames, of Chicopee, in the State of Massachusetts, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 5th day of March, 1866.

677. To Michael Henry, of 68, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in fire arms."—A communication to him from abroad by Pierre Joseph Jarre, of 33, Boulevard Saint Martin, Paris, France.