

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given, that provisional protection has been allowed—

4192. To Frederick Turnbull and Samuel Turnbull, of Beaumont Mills, Leyton, in the county of Essex, Card Board Manufacturers, for the invention of "improvements in the method of producing more permanent flatness in the manufacture of card board known as drawing board and mounting board."
On their petition, recorded in the Office of the Commissioners on the 9th day of November, 1877.

4276. To Herbert Guthrie, of the city of Manchester, Engineer, for the invention of "improvements in sewing machines."

4278. And to Henry Manning Knight, of the firm of Henry Knight & Company, of Lovelane, Wood-street, in the city of London, for the invention of "improvements in muff and dress suspenders or holders."

On both their petitions, recorded in the Office of the Commissioners on the 15th day of November, 1877.

4362. To Charles Bent Ball, of Blaenarvon, Pontypool, in the county of Monmouth, Doctor of Medicine, for the invention of "an improved apparatus or respirator to enable persons to breathe in an impure atmosphere."

On his petition, recorded in the Office of the Commissioners on the 21st day of November, 1877.

4384. To Henry Conradi, of 8, Lower James-street, Golden-square, in the county of Middlesex, for the invention of "improvements in the fixing of the tyres of railway wheels in order to prevent their coming off in case of breakage."
—A communication to him from abroad by Charles William Kessler, Engineer, of Berlin, in Prussia, Germany.

On his petition, recorded in the Office of the Commissioners on the 22nd day of November, 1877.

4468. To Luis Marie de Bejar y O'Lawlor, late of Number 355, Strand, now of 18, Anley-road, Hammersmith, for the invention of "improvements in apparatus for the electric transmission of telephonic communications."

On his petition, recorded in the Office of the Commissioners on the 27th day of November, 1877.

4616. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in machinery for producing ornamental designs on woollen fabrics."—A communication to him from abroad by Max Strakosch, of Brünn, in the Empire of Austria.

On his petition, recorded in the Office of the Commissioners on the 5th day of December, 1877.

4660. To Edgar Breffit, of the city of London, and John Edwards, of Castleford, in the county of York, for the invention of "improvements in the manufacture of glass bottles, jars, and other receptacles, and in the means or apparatus employed therein, and for stopping bottles for aerated or other liquids."

On their petition, recorded in the Office of the Commissioners on the 8th day of December, 1877.

4718. To Magnus Volk, of 51, Preston-street, Brighton, in the county of Sussex, for the invention of "a new apparatus or signal for calling the attention of the attendants in cafés, restaurants, hotels, and private houses."

On his petition, recorded in the Office of the Commissioners on the 12th day of December, 1877.

4748. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in magneto-electric machines."
—A communication to him from abroad by Edward Weston, of Newark, New Jersey, United States of America.

4750. To James Scott, of Helensburgh, in the county of Dumbarton, North Britain, Engineer, for the invention of "a new or improved apparatus for propelling bodies."

4756. To William Rollason, of 12, Kirby-street, Hatton Garden, in the parish of Saint Andrews, Holborn, London, for the invention of "improvements in the manufacture of cans, cases, or boxes for containing preserved articles of food or other goods for facilitating the closing and opening thereof."

4758. And William Henry Lea, of Lower Tulse-hill, in the county of Surrey, Gentleman, for the invention of "improvements in the ornamentation of felted fabrics."

4760. To Claude Tebbitt, of Clapham, in the county of Surrey, for the invention of "improvements in scissors and shears."—A communication to him from abroad by Claude Henry Ardouin, of Paris, France.

4762. To Archibald Brown, of the town and county of Lanark, North Britain, for the invention of "a new or improved perpetual calendar, applicable for fancy wood work and other useful articles."

4764. And to Edward Griffith Brewer, of Chancery-lane, London, for the invention of "improvements in breech loading fire arms."—A communication to him from abroad by Valentin Sauerbrey, of Basle, Switzerland.

On their several petitions, recorded in the Office of the Commissioners on the 14th day of December, 1877.

4768. To Frank Pearn and Sinclair Pearn, of the city of Manchester, in the county of Lancaster, Engineers, for the invention of "improvements in valves for pumping water, air, and other fluids."

4770. To George Jackson, of Leicester, in the county of Leicester, Shoe Manufacturer, for the invention of "improvements in the manufacture of boots and shoes."

4772. To William Boggett, of Chelsea, in the county of Middlesex, Gentleman, for the invention of "improvements in obtaining useful products from old tarred cordage and other old fabrics comprising vegetable fibres and resin."

4774. To George Clulow, of the firm of Charles Goodall and Son, of Camden Works, Camden Town, in the county of Middlesex, Manufacturers, for the invention of "improvements in Christmas, New Year, and other similar cards and valentines."—A communication to him from abroad by Rudolph Henning, of Berlin, Germany.

4776. To Theodore Henry Bryant, of Glencairn, Surbiton Hill, in the county of Surrey, for the invention of "improvements in caskets."—A communication to him from abroad by Luis de Loma, of 4, Passage de l'Opera, Paris, France.