

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for
Inventions.**N**OTICE is hereby given, that—

3382. James Cane Coombe, of 18, Lesley-street, Barnsbury, in the county of Middlesex, Chemist, has given notice at the Office of the Commissioners of his intention to proceed with his application for letters patent for the invention of "improvements in the smelting and manufacture of pig iron."

As set forth in his petition, recorded in the said office on the 18th day of October, 1873.

3397. And George Kelley, of the firm of Fairfax, Kelley, and Sons, of Heckmondwike, in the county of York, Woollen Manufacturers, and Ben Senior, of the same place, Manager, have given the like notice in respect of the invention of "an improvement in machinery or apparatus for spinning wool or other fibrous substances."

3398. And Charles William Keighley, of the firm of Lockwood and Keighley, of Upperhead Mills, Huddersfield, in the county of York, Woollen Cord Manufacturers, and William Netherwood, of the same place, Cord Cutter, have given the like notice in respect of the invention of "improved machinery or apparatus for cutting woollen or other cords or corduroy."

As set forth in their respective petitions, both recorded in the said office on the 20th day of October, 1873.

3402. And William Hamilton, of the city of Glasgow, in the county of Lanark, North Britain, Engineer, has given the like notice in respect of the invention of "improvements in steam engines, and in the modes and means of feeding their boilers."

3410. And David Elkan, of Finsbury-square, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in umbrella tip caps."

3413. And Thomas Henry Isherwood, of Liverpool, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in and applicable to fire grates and furnaces."

As set forth in their respective petitions, all recorded in the said office on the 21st day of October, 1873.

3421. And William Luck, of Peckham, in the county of Surrey, has given the like notice in respect of the invention of "an improved graphoscope."

As set forth in his petition, recorded in the said office on the 22nd day of October, 1873.

3453. And Daniel Rowlinson Ratcliff, of Liverpool, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the construction of locks."

3456. And Thomas Aldridge Weston, of Ridgewood Bergen, county New Jersey, in the United States of America, and of Birmingham, in the county of Warwick, Engineer, has given the like notice in respect of the invention of "improved friction joints or bearings, specially applicable to toilet glasses and other swinging frames."

3460. And Charles Butler Clough, of Boughton House, in the county of Chester, has given the like notice in respect of the invention of "improvements in apparatus for curing smoky chimneys and ventilating apartments and buildings, mines, and ships."

As set forth in their respective petitions, all

recorded in the said office on the 24th day of October, 1873.

3471. And John Reid, of Derby, in the county of Derby, Engineer, has given the like notice in respect of the invention of "improvements in the means of communication between the passengers, guards, and engine-drivers, on railway trains."

3476. And Joseph Thomas Parlour, of Brooklyn, New York, United States of America, now of No. 8, Southampton-buildings, London, Shipwright, has given the like notice in respect of the invention of "an improved apparatus for registering fares of passengers in tramway cars, omnibuses, and other public conveyances, and for other like purposes."

As set forth in their respective petitions, both recorded in the said office on the 25th day of October, 1873.

3477. And Quentin Leon Brin, of Camberwell, in the county of Surrey, has given the like notice in respect of the invention of "new or improved modes and means for the manufacture of artificial butter, and for renovating rancid or bad butter, part of the apparatus being applicable to the pressing of stearine and other like purposes."

3482. And Robert Stevenson Symington, of Glasgow, in the county of Lanark, North Britain, Telegraph Engineer, has given the like notice in respect of the invention of "improvements in arranging and applying apparatus for indicating, recording, and giving alarms on the occurrence of change of temperature."

3483. And George Gordon de Luna Byron, of New York, in the United States of America, but at present of 89, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "a new or improved apparatus or loom for weaving."—A communication to him from abroad by George Merrill, of New York, in the United States of America.

3486. And Benjamin George George, of 47, Hatton-garden, Holborn, in the county of Middlesex, Lithographer, has given the like notice in respect of the invention of "improvements in the method of transferring printed matter to plates of metal."

3491. And James Wadsworth, of the city of Manchester, Machinist, has given the like notice in respect of the invention of "improvements in apparatus for warming, ventilating, and cooking."

As set forth in their respective petitions, all recorded in the said office on the 27th day of October, 1873.

3498. And Lawrance Beesley, William Beesley, and James Beesley, all of Barrow-in-Furness, in the county of Lancaster, Boiler Makers, have given the like notice in respect of the invention of "improvements in machinery for punching and shearing metals and cropping angleiron."

As set forth in their petition, recorded in the said office on the 28th day of October, 1873.

3507. And Donald Charles Grant, of Stoke, in the county of Devon, but at present of 166, Buchanan-street, Glasgow, in the county of Lanark, North Britain, has given the like notice in respect of the invention of "improved signals having for their object to prevent collisions at sea."

As set forth in his petition, recorded in the said office on the 29th day of October, 1873.