

Patent Law Amendment Act, 1852.
Office of the Commissioners of Patents for
Inventions.

NOTICE is hereby given, that—

1778. Edward John Cowling Welch, of Manchester, in the county of Lancaster, Engineer, 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 method of and in means for effecting the adjustment of the spindles of multiple drilling machines, applicable also to other apparatus wherein the simultaneous adjustment of several parts is required."

1786. And Edward Davies, of Atherton, in the county of Lancaster, Bolt and Nut Manufacturer, has given the like notice in respect of the invention of "improvements in machinery or apparatus for making bolts, set screws, and rivets."

As set forth in their respective petitions, both recorded in the said office on the 13th day of May, 1875.

1800. And John Faulkner, of the city of Manchester, in the county of Lancaster Telegraph Engineer, has given the like notice in respect of the invention of "improvements in electrical appliances."

1801. And Andrew Muir, of the Albion Works, Strangeways, Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in lathes."

As set forth in their respective petitions, both recorded in the said office on the 14th day of May, 1875.

1828. And Philip Syng Justice, of 27, Southampton-buildings, Chancery-lane, London, has given the like notice in respect of the invention of "an apparatus to deaden the noise of exhaust steam in the exit pipes of locomotive, steam boat, stationary, and other engines, and to arrest the sparks and cinders therefrom."—A communication to him from abroad by Thomas Shaw, of Philadelphia, in the United States of North America.

1831. And James Wilson, of the firm of Hugh Wilson & Sons, of Kilmarnock, in the county of Ayr, North Britain, Carpet Manufacturer, has given the like notice in respect of the invention of "improvements in shuttles for looms."

As set forth in their respective petitions, both recorded in the said office on the 18th day of May, 1875.

1850. And Walter Herbert Avis, of Hastings, in the county of Sussex, has given the like notice in respect of the invention of "an improved machine for mitring, tenon cutting, mortising, and blind punching."

1852. And Richard Whittaker, 8, Eton-grove, Dacre Park, Blackheath, London, has given the like notice in respect of the invention of "keyless going barrel watches."

As set forth in their respective petitions, both recorded in the said office on the 19th day of May, 1875.

1864. And William Jones and John Walsh, both of Middlesbro-on-Tees, in the county of York, have given the like notice in respect of the invention of "improvements in the manufacture of sulphates of soda and potash, and in calcining carbonates of soda and potash."

1867. And John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex,

Gentleman, has given the like notice in respect of the invention of "improvements in rotary engines and other similar rotary apparatus, and in machinery or appliances employed in their manufacture."—A communication to him from abroad by Alfred Lämmerhirt, of Mülheim on the Ruhr, Prussia, Engineer.

1874. And Henry Thomas Davis, of St. Donatt's-road, New Cross, in the county of Surrey, has given the like notice in respect of the invention of "improved apparatus for indicating and registering the fares received by tramway car and omnibus conductors and other persons."

As set forth in their respective petitions, all recorded in the said office on the 21st day of May, 1875.

1880. And William Young, of the firm of J. and T. Young, of the Vulcan Foundry, Ayr, in the county of Ayr, North Britain, Engineers, has given the like notice in respect of the invention of "improvements in machinery for dressing stone."

1883. And William Simpson, of the city of London, Merchant, has given the like notice in respect of the invention of "improvements in the application and consumption of fuel in furnaces and fire places, and in apparatus therefor."—A communication to him from abroad by George Kemble Stevenson, of Valparaiso, in the Republic of Chili, Engineer.

1885. And Hunter Henry Murdoch, of No. 7, Staple-inn, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in the preparation or manufacture of gunpowder charges for blasting."—A communication to him from abroad by Herman Müller, of Clermont, in the Kingdom of Belgium, Gunpowder Manufacturer.

As set forth in their respective petitions, all recorded in the said office on the 22nd day of May, 1875.

1898. And Charles Denton Abel, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the manufacture of cast metal blanks for shovels, spades, scoops, and such like implements, and apparatus therefor."—A communication to him from abroad by Edward Binns and Elmore Barnes, both of Pittsburg, Pennsylvania, United States of America.

1901. And John Seymour, of No. 2, Wellesley-villas, Brentford-road, Middlesex, Gentleman, has given the like notice in respect of the invention of "an improved method of and apparatus for signalling the locomotive drivers, stokers, guards, and other persons on railways, by means of signal rockets discharged from the carriages on the railway or railways."

As set forth in their respective petitions, both recorded in the said office on the 24th day of May, 1875.

1904. And Leopold Maas, of the firm of Maas Brothers, of Monkwell-street, in the city of London, Merchants, has given the like notice in respect of the invention of "improvements in pipes and pipe-bowls for smoking."—A communication to him from abroad by F. Kast, of Vienna, in the Austrian Empire.

1907. And John Yeadon, of Idle, near Leeds, in the county of York, has given the like notice in respect of the invention of "improvements in the means or apparatus for fixing and supporting 'scaffolding,' part of which invention is also applicable for raising material onto the same."