

2354. And William George Helsby, of Liverpool, in the county of Lancaster, Photographic Artist, has given the like notice in respect of the invention of "improvements in mounting or setting transparent photographic pictures."
2359. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "improvements in the manufacture of gun-powder and powder for blasting purposes."—A communication to him from abroad by Alfred Nobel, of Rue St. Sebastien, Paris, in the Empire of France.
- As set forth in their respective petitions, both recorded in the said office on the 24th day of September, 1863.
2366. And Mathias Schaffhauser, of Cernay, in the Department of the Upper Rhine, in the Empire of France, Manufacturer, has given the like notice in respect of the invention of "improvements in the machinery for making paper tubes used in spinning manufactories."
- As set forth in his petition, recorded in the said office on the 25th day of September, 1863.
2370. And William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, has given the like notice in respect of the invention of "an improved fabric for the production of permanent electricity, applicable for wearing apparel."—A communication to him from abroad by Théodore Courant, Physician, of 29, Boulevard St. Martin, Paris.
- As set forth in his petition, recorded in the said office on the 26th day of September, 1863.
2425. And Edward Brown Wilson, of 10, Strand, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "improvements in the manufacture of iron and other metals, and in the apparatus employed therein; parts of which are applicable for other purposes where high temperatures are employed, and also for ventilation."
- As set forth in his petition, recorded in the said office on the 3rd day of October, 1863.
2450. And Elias Leak, of Longton, in the county of Stafford, has given the like notice in respect of the invention of "improved apparatus to be used in placing 'glost,' china, and earthenware in ovens and kilns for firing, burning, or baking such ware."
- As set forth in his petition, recorded in the said office on the 7th day of October, 1863.
2471. And John Spencer, of Doncaster, in the county of York, Implement Manufacturer, has given the like notice in respect of the invention of "improvements in machinery for separating different sizes of roots."
- As set forth in his petition, recorded in the said office on the 8th day of October, 1863.
2488. And William Brookes Fairbanks, Joseph Lavender, and Frederick Lavender, Saddlers' Ironmongers, Bridle Cutters, Harness Makers, and Manufacturers of Brass and Plated Harness Furniture, of Walsall, in the county of Stafford, have given the like notice in respect of the invention of "improvements in the manufacture of hames."
- As set forth in their petition, recorded in the said office on the 10th day of October, 1863.
2504. And George Mountford, of Brunswick-street, Leeds, in the county of York, Manager, has given the like notice in respect of the inven-

tion of "an improved construction of cotton gin."

As set forth in his petition, recorded in the said office on the 12th day of October, 1863.

2581. And Christian Schiele, of Clarence-buildings, in the city of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in governors."

2587. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, has given the like notice in respect of the invention of "improvements in treating ligneous substances in separating and recovering the fibrous portions therefrom, in preparing, bleaching, and sizing the same, and in machinery employed therein."—A communication to him from abroad by Pierre Celestin Victor Baud and Theodore Casimir Delamarre, both of Paris, France.

As set forth in their respective petitions, both recorded in the said office on the 21st day of October, 1863.

2800. And William Renwick Bowditch, of Saint Andrew's, Wakefield, in the county of York, Clerk, has given the like notice in respect of the invention of "improvements in apparatus used in gas lighting."

As set forth in his petition, recorded in the said office on the 11th day of November, 1863.

2939. And Douglas William Hamper, of the borough and county of Newcastle-upon-Tyne, Brewer's Engineer, has given the like notice in respect of the invention of "improvements in apparatus for mashing malt for brewing or distilling."

As set forth in his petition, recorded in the said office on the 21st day of November, 1863.

3060. And Sydney Smith, of the Hyson-green Brass Works, near Nottingham, has given the like notice in respect of the invention of "improvements in hydraulic pressure gauges suitable for measuring the pressure in the cylinders of hydraulic presses."

As set forth in his petition, recorded in the said office on the 5th day of December, 1863.

3181. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "certain improvements in sewing machinery."—A communication to him from abroad by Isaac Merrit Singer, of New York City, United States of America.

As set forth in his petition, recorded in the said office on the 16th day of December, 1863.

3231. And William Louis Winans, of Dover-street, in the county of Middlesex, Gentleman, and Thomas Winans, of Baltimore, in the United States of America, but now residing at Dover-street aforesaid, Gentleman, have given the like notice in respect of the invention of "improved means of, and apparatus for, trimming ships or vessels."

As set forth in their petition, recorded in the said office on the 21st day of December, 1863.

3273. And John Gjers, of Middlesbrough, in the North Riding of the county of York, Engineer, has given the like notice in respect of the invention of "improvements in kilns for calcining ironstone and limestone."

As set forth in his petition, recorded in the said office on the 28th day of December, 1863.