

- apparatus for grinding and pulverizing 'middlings,' wheat, and other grain.
As set forth in their respective petitions, both recorded in the said office on the 25th day of May, 1877.
2051. And George Bower, of Saint Neots, in the county of Huntingdon, has given the like notice in respect of the invention of "improvements in the treatment of metallic surfaces so as to effect their protection from atmospheric and other influences."
2055. And John Gordon, of Glasgow, in the county of Lanark, North Britain, Brassfounder, has given the like notice in respect of the invention of "improvements in valves and apparatus for controlling and regulating the supply of water and preventing waste."
2063. And William Frederick Heshuysen, of Zandport, Kingdom of Holland, at present of 123, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in couplings for railway carriages or wagons."
2065. And William Frederick Heshuysen, of Zandport, Kingdom of Holland, at present of 123, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in lamp chimneys."
As set forth in their respective petitions, all recorded in the said office on the 26th day of May, 1877.
2097. And Frederick Siemens, of Dresden, in the German Empire, has given the like notice in respect of the invention of "a new or improved method of ornamenting glass that is subjected to the toughening or hardening process."
As set forth in his petition, recorded in the said office on the 30th day of May, 1877.
2149. And Thomas Fox, of Rockingham-street, Sheffield, in the county of York, Steel Merchant, has given the like notice in respect of the invention of "improvements in the manufacture of blanks or moulds for articles having a bolster shoulder or head."
As set forth in his petition, recorded in the said office on the 1st day of June, 1877.
2152. And Henry Russell Shaw, of No. 17, Marylebone-road, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in light railways."
2156. And Edward Newton Kenworthy, of Oldham, in the county of Lancaster, Washing Machinist, has given the like notice in respect of the invention of "improvements in washing machines and churns."
As set forth in their respective petitions, both recorded in the said office on the 2nd day of June, 1877.
2176. And James Higginbottom & Edward Hutobinson, both of Liverpool, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in and relating to bearings for shafts, axles, and the like."
As set forth in their petition, recorded in the said office on the 4th day of June, 1877.
2255. And Henry Bernoulli Barlow, of Manchester, in the county of Lancaster, Patent Agent, has given the like notice in respect of the invention of "improvements in shuttle box motions for power looms."—A communication to him from abroad by James Long, of Philadelphia, in the State of Pennsylvania, in America.
As set forth in his petition, recorded in the said office on the 9th day of June, 1877.
2266. And William Bull, of Portswood, in the county of Hampshire, Civil Engineer, has given the like notice in respect of the invention of "improvements in the construction and working of kilns for burning bricks, tiles, and other similar goods."
As set forth in his petition, recorded in the said office on the 11th day of June, 1877.
2277. And Joseph John Lish, of Scottish-chambers, Grainger-street West, Newcastle-upon-Tyne, in the county of Northumberland, has given the like notice in respect of the invention of "improvements in composite blocks and slabs for building purposes."
As set forth in his petition, recorded in the said office on the 12th day of June, 1877.
2297. And Richard Ward, of No. 43, Meeting House-lane, Brighton, in the county of Sussex, has given the like notice in respect of the invention of "improvements in roller skates."
As set forth in his petition, recorded in the said office on the 13th day of June, 1877.
2375. And John Taylor, Surgeon, 51, Hope-street, Liverpool, has given the like notice in respect of the invention of "an improved method for the preservation in its natural state of fresh animal food, such as beef, mutton, pork, and fish, and to prevent decay in hides and salted meats."
As set forth in his petition, recorded in the said office on the 19th day of June, 1877.
2399. And Thomas Paterson Miller, of the Cambuslang Dyeworks, in the county of Lanark, North Britain, has given the like notice in respect of the invention of "improvements in or connected with the process of dyeing yarn or cloth with alizarine or analogous coloring matters."
2401. And John Etheridge, Machinist, in the employment of Messrs. the Crown Nail Company, of Wolverhampton, in the county of Stafford, has given the like notice in respect of the invention of "improvements in machinery for cutting nails and tacks, partly applicable also to machinery for cutting brads."
As set forth in their respective petitions, both recorded in the said office on the 21st day of June, 1877.
2421. And William Baker, of Sheffield, in the county of York, has given the like notice in respect of the invention of "improvements in the treatment of cast iron in order to effect its purification."
2433. And Jacob Jones Storer, of the city and State of New York, United States of America, now of 8, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in and relating to steam boiler furnaces for burning pulverized or powdered fuel."
As set forth in their respective petitions, both recorded in the said office on the 22nd day of June, 1877.
2439. And John Horrocks and James Horrocks, of the city of Manchester, in the county of Lancaster, Machinists, and Edward Whalley, of Salford, in the said county, Mechanic, have given the like notice in respect of the invention of "improvements in machines for winding, doubling, and twisting yarns or threads."
2443. And Bristow Hunt, of Serle-street, Lincoln's-inn, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in permanent letter files."—A communication to him from