

It is admirably adapted for power, being mounted on a strong iron frame, which imparts steadiness to its operations; while the great strength of machinery, which is the most accurately fitted with a parallel adjustment, can instantaneously be regulated by two hand-screws in front to crush to any degree of fineness. This mill, combining the best features of former inventions, possesses some important improvements, being fitted with strong brass bushes, loose caps, and counter-shaft. The feed apparatus is worked by a thumb-screw at the back, and can be regulated to suit any power employed, and will be found to effect an immense saving in wear and tear; it can be driven with a 16-inch pulley, at 200 revolutions per minute, without danger to the working parts. Size of rollers 11 inches by 6½. Price, with pulley, £10 12s.

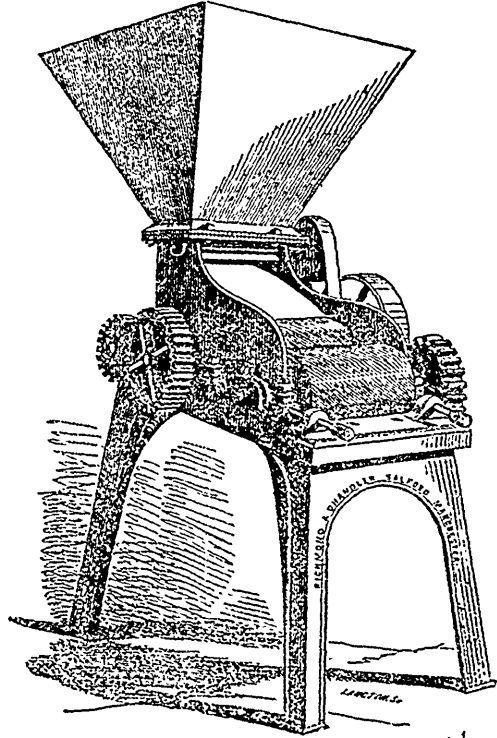
This newly improved mill, is of similar construction to the last, but much larger, and, from the extraordinary strength of machinery and the superior engineering workmanship displayed, is peculiarly well adapted to crush, with facility, a much larger quantity of grain than any other made; while the new process of hardening the rollers renders them indestructible in use, and unapproachable in operation. The possession of unlimited

facilities in the use of steam machinery with the constant employment of the most skilled mechanics, together with the inventors' long practical experience, effect a saving of useless expenditure in the cost of crushing corn. Size of rollers, 14 inches by 8. Price, with 18-inch pulley, £14 15s.

We shall give in a future number a description and illustrations of Messrs. Richmond & Chandler's renowned CHAFF MACHINES. Such of our readers as may visit

England, would do well to visit this manufacturing establishment in Salford, Manchester, or South John Street, Liverpool.

The amount of salt manufactured at Syracuse, New York, is seven millions of bushels annually. The annual revenue to the manufacturers is \$3,000,000, and the income to the State is \$70,000, as a tax of one per cent. is charged. The total of salt manufactured in the United States is sixteen



millions of bushels yearly.

At Thorlod, C.W., situated four miles above St. Catharines, on the Welland Canal, there is a small cotton mill, started a year since, running 2,000 spindles, and making very beautiful shirtings. There is also a batting mill, making 200 lbs. per day. The shirtings and batts sell at good profit, as the tariff of 20 per cent gives them a fine margin. Help is very plenty at very low wages compared to Lowell prices. Freight from New York, delivered at the mills, is 30 per cent per 100 lbs., averaging \$1.25 per bale.