

at the corner of Main and California streets. The proprietor claims for his invention these facts :

For durability, cheapness, simplicity and stength it has no equal in the market. The plunger moves with an exact perpendicular motion, thereby avoiding all rattling or chafing and wearing of the pump or mill. The regulating attachments to the weather vane are very simple in their construction, consisting of two weights and a chain and so constructed as to be of the most durable nature, withstanding the elements for a long period. The turn-table is also constructed in the most simple and durable manner, and moves with the greatest ease, allowing it to revolve with the slightest breeze. The tower upon which the mill is mounted, is so nicely fitted and constructed that any part of it can be removed for repairing the pump or other parts, without the necessity of tearing the mill down and rebuilding. In addition to the manufacture of windmills, Mr. Abbott makes tanks and pumps.

#### STOCKTON CITY MILLS.

These mills were first put in operation in 1852, long before California became a wheat producing State. From a comparatively small and primitive affair they have grown, and their capacity has been increased until they are now nearly equal to any flouring establishment in the State. The proprietors, Messrs. Sperry & Co., are gentlemen of great experience and active business qualifications. The mill building is four stories in high, and, with the storehouse, occupies a ground space 200x-200 feet. Six run of stone have until recently been in operation, but increasing demands for their superior flour have induced the proprietors to add five run of stone more making eleven in all, and they will adopt what is known in the East as the "new process" of milling, enabling them to manufacture a still finer article of flour than at present. The machinery throughout is of the most approved kind, and is driven by an engine of two hundred horse power. The boilers are tubular and three in number. With the six run of stone the mill has been enabled to turn out 700 barrels of flour and 20 tons of ground barley every twenty-four hours. During the greater part of the year the mill is kept running night and day and requires a working force of 35 men. In the year 1877, 100,000 barrels of flour were manufactured. In addition to this, 6,000 tons of barley and 1,000 tons of corn were ground. Mr. S. W. Sperry manages the affairs of the mill in this city ; Austin Sperry remains most of the time in San Francisco, and has an office at No. 22 California street, where orders receive the same attention they would here.