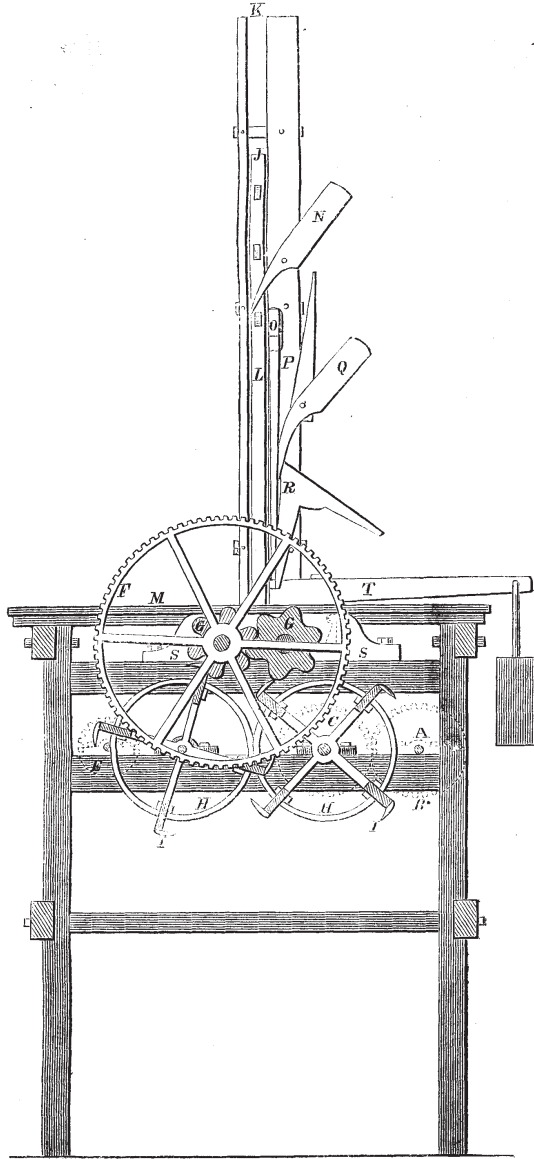


Improved Hemp and Flax Dresser.

This machine is intended to facilitate dressing hemp and flax, and is thus described by the inventor. As the manufacture of linen goods is rapidly increasing in this country, anything tending to facilitate the preparation of the material will be a valuable acquisition. The description will render the details intelligible to all:

down and dressed. Another reverse of the roller carries the clamp up to the dog, Q, and throws it on over the frame R. S is a cast iron housing containing one movable box. T T is a lever and weigh used to give the desired pressure upon the movable box. This invention was patented through the Scientific American Patent Agency by C. G. Howard of Topeka, Kansas, on Sept. 6th, 1864, and assigned

**HOWARD'S HEMP AND FLAX DRESSER.**

A is a shaft to which the power is applied through two pulleys, and a gear, B, shown by a dotted circle on the frame. C is a corresponding gear attached to the end of the shaft of the dresser; it is also shown by a dotted circle. E is a cog-wheel, on the shaft of which is a friction clutch; the wheel is geared into the large wheel, F. G G are two fluted rollers, and H H are dressers made with floats, armed with hatchel teeth, I, on the edges. There is a clamp, not shown, in which the hemp is placed and laid in the top of the frame at K, resting upon the upper catch, J, on the rack, L. From thence it is drawn down to the table, M. The hemp passing between the fluted rollers is crushed and broken, and in passing down between the dressers is dressed also. The rotary motion of the rollers is then reversed by the operator with the lever attached to the friction clutch, before mentioned, carrying the clamp up to the dog, N, passing it over the top of the vibrating board, O, into the groove, P, and pressing the board to the opposite side of the rack, L. The butts of the hemp fall directly between the rollers. Their motion being again reversed, the flax is drawn

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