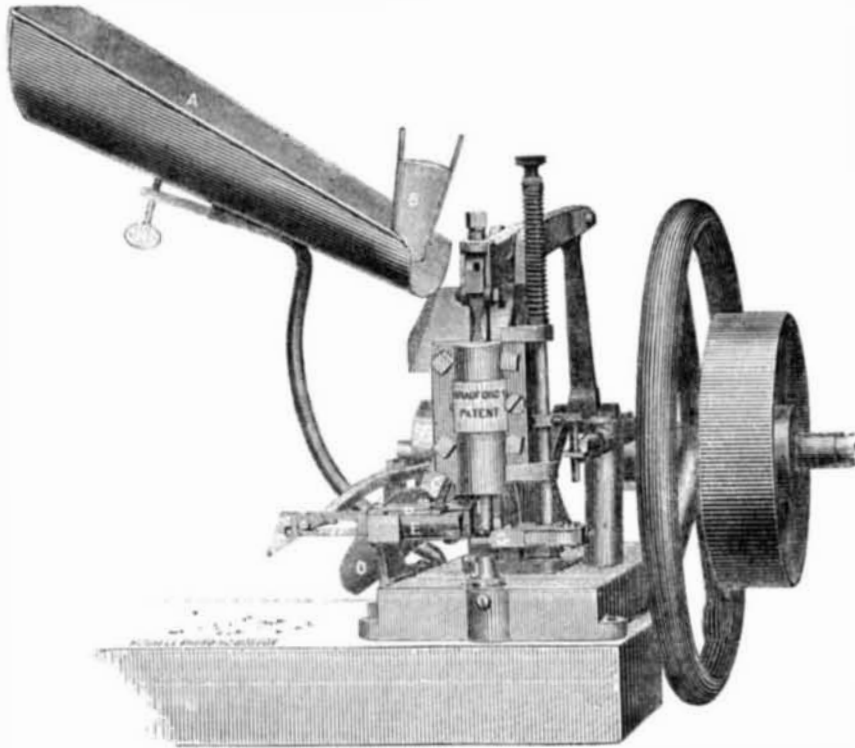


Improved Tack-leathering Machine.

It is well known to all housekeepers that a leather washer on the head of a tack not only holds a carpet down better, but it also prevents it from being torn by the head of the tack sinking into the fabric. This machine is intended to fasten leather to tacks, not for domestic use particularly, but for manufacturers who supply the market with such goods.

The inventors of this machine say that there are hundreds of tons of leathery tacks consumed annually in this country.

**BRADFORD'S TACK-LEATHERING MACHINE**

Any person of ordinary intelligence, who can run a sewing machine, can operate the machine readily and profitably; its size and general character being similar to that of the common sewing machine. An ordinary operator is able to leather from 150 to 170 tacks per minute, or 90 to 100,000 tacks in a day, with each machine; and what is of most importance to tack manufacturers, it will successfully leather tacks any quality of finish, while other machines require the best finished tacks for leathering. The action of the machine is such that only one tack can be taken up at a time, and no jammed or imperfect tack can pass it at all; while the motion of the grip and punch is so adjusted that every tack is leathery uniformly through the center; thus avoiding all crooked or broken tacks, as well as the forcing of two or three tacks through one piece of leather; and furnishing in bulk only perfect work. The simplicity in the construction of this machine is such as to render it rarely liable to get out of order; which fact is claimed to be greatly in its favor. This machine is on exhibition at the Fairs in this city and Boston.

Further information will be furnished, on application to the sole proprietors, Barry, Bradford & Co., No. 4 Brattle Square, Boston, Mass.

PUTNAM'S BEEFSTEAK BREAKER.

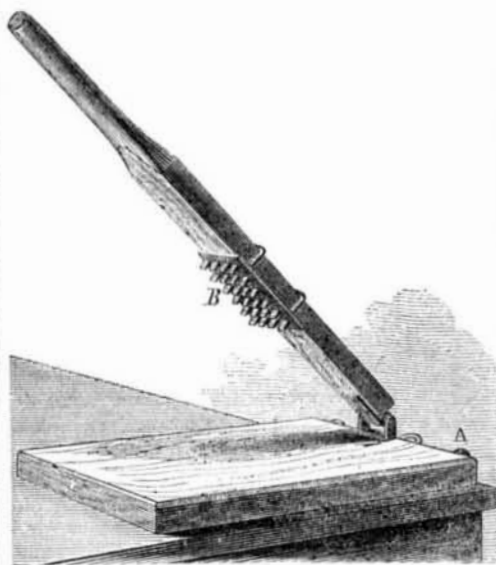
This is a machine designed to make porter-house steaks out of rump steak; or, in other words, to convert bullock beef into delicious tenderloins—to make the skinny, sinewy slice, sold by butchers not envious of fame, equal to that richly-mottled cut which graces the table of Dives.

This is no mean achievement. Language is too poor to convey an idea of the anguish which fills the soul of him who would dine when he sees a slab cut from one of Pharaoh's lean kine stretched before him. But once place any apology for a beefsteak in this apparatus, bear down on it, put the iron teeth well into its sinews, and lo! its spirit is subdued, its resistance is overcome, and the hungry man can fall to with what zest he possesses. Ordinary beefsteak pounders mash the meat into a viscous pomace. They make disgusting shreds of it; they tear it to tatters, and the juice flies to all corners of the room. None of it remains in the beef, which is, there-

fore, a dry and bitter morsel in the mouth—bitter as the apples of the Dead Sea, which turn to ashes (we are credibly informed) in the mouth of the eater.

This is a most convenient and useful thing to have in the house, for it can be applied not only to crush beefsteaks, but to break ice, to press fruit for jelly, or to crack loaf sugar. By suspending sad irons from the end of the lever, corned beef can be pressed in shape. To do this it would be necessary to make the fulcrum end of the lever adjustable. When steaks are to be crushed they are simply laid on the board

and the lever brought down against them. There are two links on the back end which catch over the edge of the table and hold the board down so that it cannot tip. The crusher, B, slides on the lever so as to be used at any point. This machine is entirely noiseless in its action, which is quite a recommendation in its favor.



This invention was patented through the Scientific American Patent Agency on Dec. 27, 1864, by G. W. Putnam; for further information address him at Peterboro', N. Y. Windle & Co., No. 56 Maiden Lane, New York, sell the article.

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