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cipal cities and towns in the United States.

TERMS-\$2 a-year:-\$1 in advance and the re

#### MACHINE FOR SKIVING BOOT COUNTERS.

day of November last.

1. The cutting edge of this knife is made to viously described, are arranged as seen in fig. nearer to or further from the other guide, spring

S. J. & C. H. Trofatter, of Salem, Mass., have | stand at such an angle with the top surface of | 1, and so as to operate on the opposite edge of invented a machine for skiving boot counters, the table as shall not only enable it to reduce the counter. The inner edge of the guide, E, of which fig. 1 is a plan view, and fig. 2 a lon-one edge of a boot counter to its proper bevel, is convex and parallel to the inner edge of the gitudinal section. The same letters refer to but to do this with a drawing stroke. A spring guide, C, which is concave. The said knife, F, corresponding parts. It was patented the 29th bearer, D, is fastened to the top of the guide, spring, D', and guide, E, are connected to a C, and is made to rest on the leather near to movable metallic plate, which is placed on the A represents the main frame or table of the the cutting edge of the knife, the same serving table with its top surface on a level with that machine. On the top of this frame is a station- to press the leather firmly down upon the bench part of the table which is between the two ary cutter or knife, B, arranged with respect to or table. Another spring, D', a curved guide, guides. This plate may be moved so as to cara stationary curved guide, C, as seen in figure E, and a cutting knife, F, made like those pre- ry the portions of the mechanism attached to it

Figure 1.

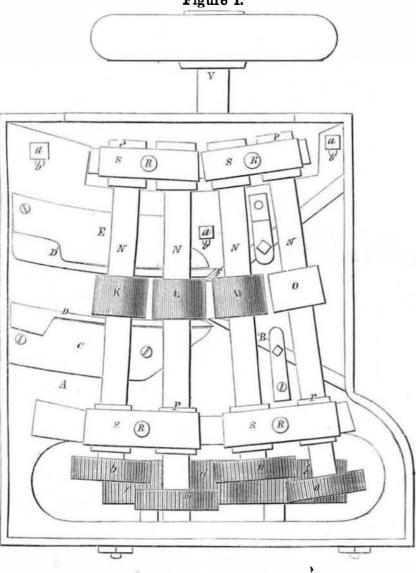
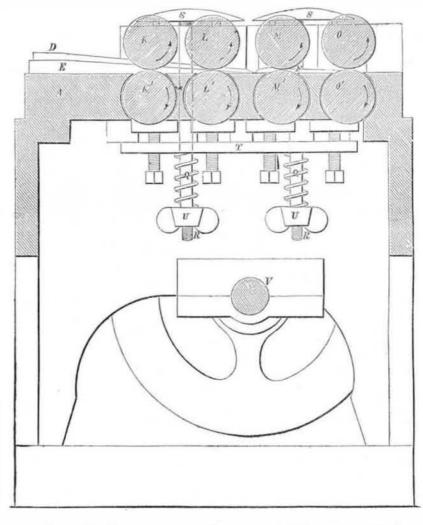


Figure 2.



duction of counters of any width.

Three sets of feed and pressure rollers, KK', LL', MM', are disposed between the guides, each set being composed of two rollers, one of through the machine, rests on the lower rollers,

and kuife, as occasion may require, for the re- the rollers, K, L, M, the peripheries of each | Q; each of these springs is made to encircle a | that are wide enough to engage each with two roller being scored or fluted.

radial lines, all of which tend to the common which is arranged within the table top, so that center of the curves of the inner edges of the upon its end. its upper edge will be a little above it, while two guides. The same may be said in regard to the other is disposed entirely above the table those of the lower rollers. The axles of the which are supported so as to have a free verti-

screw, R, which is formed with a cross-head, S, The axles of the upper rollers and that of that is made to bear on the top of the two another or smoothing roller, O, are disposed in boxes. This screw rod passes down through a upon the axes of the upper rollers. The last rest bar, T, and the spring, receiving a nut, U,

The several feed, pressure, draught, and smoothing rollers are made frustro-conical, and top. The leather counter, during its passage upper rollers are sustained in sliding boxes, derive their motions from the driving shaft, V, manufacturers. Any further information can which is arranged underneath them, and carries | be obtained as above, or a machine can be seen

others placed upon the axles of the lower rollers. These in turn engage each with others pair of rollers, OO', is made plain to take out the creases made by the fluted rollers.

This is, we should think, a good machine, and we would recommend it to the attention of boot

## The Oyster Crop of Baltimore,

According to "The Baltimore American," the product of the oyster trade of the city is equal to or greater than the product of all the wheat and corn raised in the State of Maryland. The oysters bring an average price of 50 cents The whole shores of the Chesapeake Bay and its tributaries are adapted to the growth of the \$2,400,000 per year paid for oysters by the oyster, and as but one year is required for their dealers in the city. Some of the houses send full growth, an immense profit accrues to those engaged in the business-a profit which is esti-

the trip. These vessels, making in the aggregate 6,000 trips during the eight months in which they are engaged, give a total of 4,800,000 bushels per year sold in the Baltimore market. per bushel, which gives a grand total of by the Baltimore and Ohio and Baltimore and

of oysters, the shells will increase about onefourth, which would give a total of about 6,000, 000 bushels of shells, which sell for two cents per bushel, making a return of \$120,000 per year for the shells alone.

## Substitute for Common Brick.

I think a substitute for brick, as good and cheap, can be manufactured as follows:-Take Susquehanna Railroads, to say nothing of the a metal mould, first filled with heated gravel, mated at some three hundred to six hundred other modes of transportation, from eight to and then pour melted glass into it, and leave it per cent. There are 250 vessels engaged in twelve tons of "canned" oysters per day. The to cool gradually. I think each mould would the business, which average about 900 bushels shells are carried for manure, to all parts of not require more glass than is contained in a tween that government and the Czar of Rusto the cargo, and require nine or ten days to Virginia and North Carolina. In the shucking common black bottle. These are sold for a sia.

cent each, the blowing of which must cost half that sum. MARTIN KEENAN.

Milford, Mass. [Not a bad idea this.

Lord Palmerston has resigned his seat as a member of the British Ministry; he does not seem to possess enough of the democratic principle for Sir John Russel, or Lord Aberdeen,

who are men of much finer personal characters.

The Persians have declared war against the Turks, in pursuance of a treaty existing be-