W. J. BROWN, Jr.

Device for Holding Metallic Staples.

No. 210,748. Patented Dec. 10, 1878.

Fig. 1.

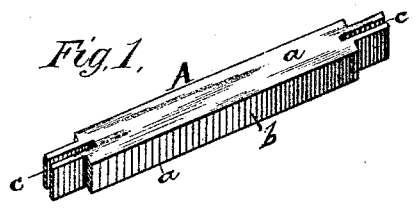
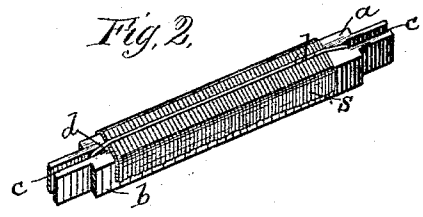


Fig. 2.



Attest:

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UNITED STATES PATENT OFFICE.

WILLIAM J. BROWN, JR., OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN DEVICES FOR HOLDING METALLIC STAPLES.

Specification forming part of Letters Patent No. **210,748**, dated December 10, 1878; application filed November 7, 1878.

To all whom it may concern:

Be it known that I, WILLIAM J. BROWN, Jr., of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Stringing Metallic Staples and Rods therefor; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to a method of stringing metallic staples to render them easy of insertion in self-feeding paper-fastening machines.

The invention consists in a rod, of wood or other suitable material, preferably of a width corresponding, or nearly so, to the width of the staples, and having its ends recessed or tapered at each side to a less width than the portion of the machine intended to receive the staples, slots being also formed in each end, at or near the center, for the reception of a band for longitudinally encircling the rod and the staples strung thereon.

In the drawings, Figure 1 represents a perspective view of the rod alone, and Fig. 2 a perspective view of the rod with the staples thereon ready for insertion in the machine.

A represents a rod, of wood or other suitable material, the faces *a* of which are formed of a size corresponding, or nearly so, to the width of the staples to be placed thereon. The sides *b* of the rod are preferably of a depth somewhat in excess of the length of the legs of the staples. Each end of the rod, at the side, is slightly cut away or made tapering to admit of such ends being placed between the cheeks or inner sides of the bridge of the paper-fastening machine carrying such staples.

Longitudinal and vertical slots *c* are also cut or formed in the ends of the rod for the reception of a band of rubber, string, or other material, *d*, which extends the whole length of the rod, and surrounds the same on its two faces, and thus binds or holds the staples securely thereon.

The staples *s* are placed upon one face of the rod, with their inner bases resting thereon and their legs projecting downward and resting against the sides. One end of the band is then inserted in one of the end slots, the band is then drawn over the upper and lower faces, and the other end of the band inserted in the slot at the other end of the rod, thus securing the staples firmly thereon. The staples thus strung on their rods are then ready for packing in boxes or otherwise for transportation, and afford a ready and efficient means of charging the machine without the trouble and annoyance heretofore experienced in placing the staples in the machine one at a time, as it is only necessary to remove the band from one end of the rod and press the staples along in a body into the machine by one movement of the thumb and finger.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the rod for stringing metallic staples, having its ends recessed or tapered at each side, slotted in the center, and loaded with staples, which are secured to the rod by a suitable band, as and for the purpose set forth.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

WILLIAM J. BROWN, JR.

Witnesses:
J. M. DOWNING,
STANISLAUS REMAK.