

H. F. HAYNES.
TACK PLACER.
APPLICATION FILED DEC. 4, 1911.

1,062,464.

Patented May 20, 1913.

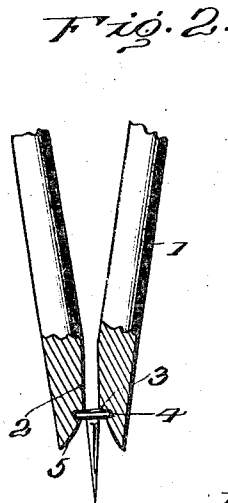
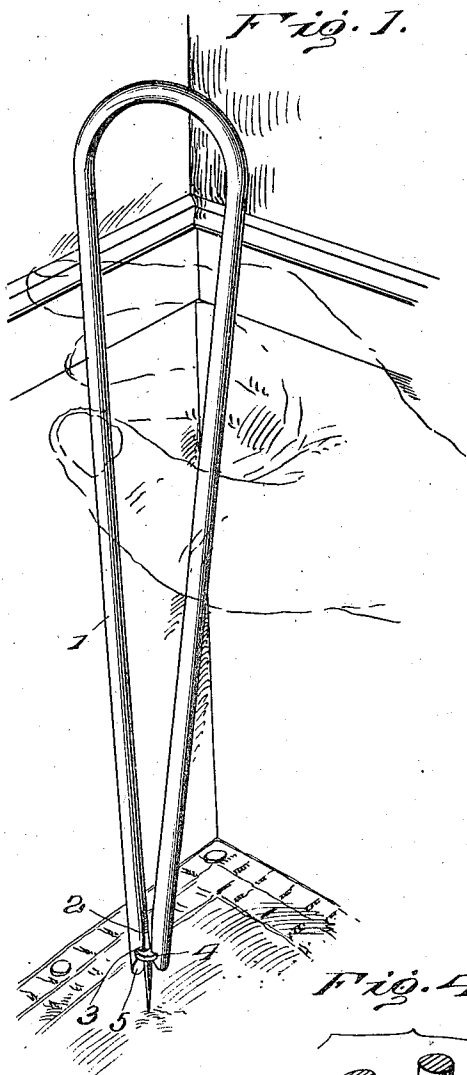


Fig. 3.

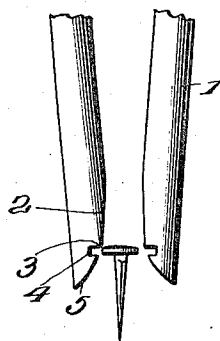


Fig. 4.

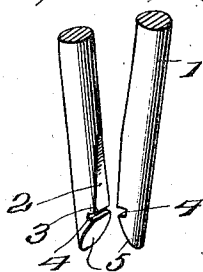
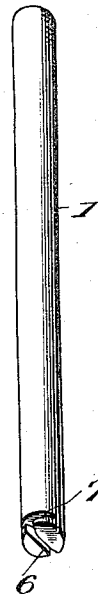


Fig. 5.



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TACK-PLACER.

1,062,464.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HOBART F. HAYNES, citizen of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Tack-Placers, of which the following is a specification.

This invention has relation to tack placers especially adapted to be used by upholsterers, etc., for the purpose of placing tacks at desired positions in material and partially pushing or driving the same home, leaving the head portions thereof exposed so that the tack may be readily grasped and withdrawn from the material should it be desired to replace the same at another point.

The tack placer consists of a member having an end portion provided with undercut kerfs adapted to receive the head of a tack and a surface adjacent the said kerfs against which the head of the tack bears in order that the tack may be pushed or driven part of the way home through the material. After this is done the implement may be removed from the tack, leaving the same in its position in the material and subsequently the tack may be driven completely home or removed from the material, as desired.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a perspective view of one form of the tack placer; Fig. 2 is an enlarged detail view of an end portion of the same, showing parts in section; Fig. 3 is an enlarged side view of an end portion of the same; Fig. 4 is a detail perspective view enlarged of an end portion of the same; Fig. 5 is a perspective view of a modified form of the same.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawing by the same reference characters.

In one form of the invention the implement consists of a rod 1 bent back upon itself and having converging end portions provided at their inner sides and at their extremities with flattened surfaces 2. The end portions converge toward each other from the return bend of the said rod and at the outer ends of the first flattened surfaces the

side portions of the rod are provided with 55 shoulders 3. At the outer portions of the shoulders the sides of the rod are provided with undercut kerfs 4. From the said kerfs the extremities of the sides of the rod are beveled as at 5. 60

In operation the shoulders 3 serve as a support for the head of a tack and the side portions of the head of the said tack are received within the kerf 4. When so positioned the tack is held upon the shoulders 65 by frictional engagement with the side portions of the rod 1. The tack so positioned may be passed through the material into which it is to be inserted and partially pushed or forced home therein. By spreading 70 the side portions of the rod 1 the tack is released and left standing in the said material, or by slipping the implement side-wise it may be removed from off of the head 75 of the tack. If at any time it should be desired to remove the tack the beveled surfaces 5 are slipped down along the opposite sides of the head of the tack until the opposite edge portions of the head are received in the 80 kerfs 4; when the opposite side portions of the rod 1 will spring together and grasp the head of the tack in the said kerfs. When the device is so applied to the head of tack a pull in the direction of the stem of the 85 tack will remove the same from the material.

In the form of the device as shown in Fig. 5 the tack placer consists of a straight rod indicated at 1 having at one end a diametrically disposed kerf 6 and at a point in the vicinity of the said end an undercut 90 kerf 7. The shank of the tack is slipped into the kerf 6, while the head of the tack is received in the kerf 7. A tack thus positioned in the device is pressed into the material and then the implement is moved side- 95 wise away from the tack, leaving the same in the material with its head portion exposed or projecting therefrom. Should it be desired to remove the tack for the purpose of replacing the same at another point, 100 the implement is placed over the projecting end portion of the tack by slipping the kerf 6 along the shank of the tack and the kerf 7 along the head of the same. By giving the implement a pull in the direction of the 105 length of the shank of the tack the said tack may be readily withdrawn from the material.

Having thus described the invention, what is claimed as new is:

A tack placer comprising a rod bent to a loop with the ends brought into contact with
5 each other and sufficiently rigid longitudinally to operate as a means for starting a tack, while the ends have notches to receive the head of a tack and resiliently hold the same and are beveled on their inner faces

below the notches so that the device may be 10 pressed endwise into engagement with a partially driven tack.

In testimony whereof I affix my signature in presence of two witnesses.

HOBART F. HAYNES. [L.s.]

Witnesses:

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