

(No Model.)

J. A. & C. F. KORB.
CARPET FASTENER.

No. 518,193.

Patented Apr. 10, 1894.

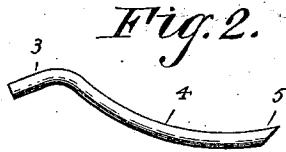
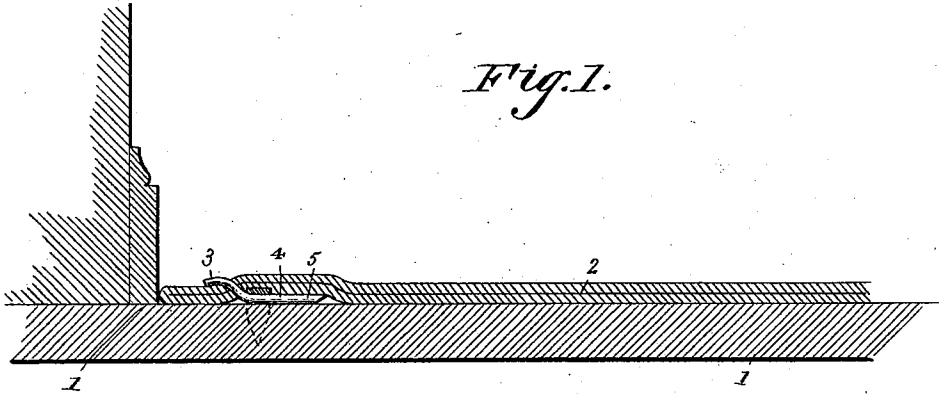


Fig. 3.

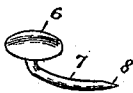


Fig. 4.

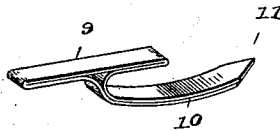
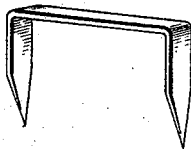


Fig. 5.



Witnesses:

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By their Attorneys.

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UNITED STATES PATENT OFFICE.

JOHN A. KORB AND CHARLES F. KORB, OF ALTOONA, PENNSYLVANIA,
ASSIGNORS OF ONE-FOURTH TO CHARLES LONG, OF SAME PLACE.

CARPET-FASTENER.

SPECIFICATION forming part of Letters Patent No. 518,193, dated April 10, 1894.

Application filed June 21, 1893. Serial No. 478,381. (No model.)

To all whom it may concern:

Be it known that we, JOHN A. KORB and CHARLES F. KORB, citizens of the United States, residing at Altoona, in the county of Blair and State of Pennsylvania, have invented a new and useful Carpet-Fastener, of which the following is a specification.

Our invention relates to improvements in carpet fasteners, the objects in view being to provide a cheap and simple construction of fastener adapted to be inserted through the edges of the carpet and detachably connected with staples driven at intervals in the floor for the reception of the fasteners, whereby said carpets are secured in position in a removable manner and may be readily taken up and shaken and re-laid, as desired.

Referring to the drawings—Figure 1 is a sectional view of a portion of a carpet and floor, the former being fastened to the latter with our preferred form of fastener. Fig. 2 is a detail of the fastener. Fig. 3 is a modified construction of fastener. Fig. 4 is a second modified construction of fastener. Fig. 5 is a detail of the staple.

Like numerals indicate like parts in all the figures of the drawings.

1 designates the floor and 2 the carpet, the said floor being provided at intervals with staples driven therein and of the ordinary construction.

Our preferred form of fastener illustrated in Figs. 1 and 2 are formed of short blanks of wire, said blank, near its upper end, being laterally bent to form a hook 3 which practically furnishes a head and from this point on, curved in an opposite direction forming a prong 4 and terminating in a beveled point 5. Such a fastener can be readily inserted through a carpet and under or through a convenient staple, the curved prong 4 engaging with the staple and tending toward the inner portion of the carpet while the outer hook end 3 overlaps and rests upon the carpet and tends toward the outer edge. It will be apparent that the greater the strain upon the fastener the more securely its hook end becomes embedded in the carpet, and at the same time it offers but slight resistance to any withdrawal from its upper end and thus, though forming a secure fastening yet permits of a ready removal.

In Fig. 3 the construction is varied simply by producing a head 6 of regular formation

at the upper end of the blank and curving the remaining portion, as at 7, thus forming the prong which is pointed, as at 8, as in the previous instance. This headed portion prevents the passage of the fastener through the carpet and may be withdrawn with the same facility as the other fastener described, though we prefer the other form as we deem it more capable of withstanding the pull to which it is subjected at times.

In Fig. 4 we have illustrated a second modification. In this construction the fastener is formed of sheet-metal, the blank being folded at each side of its center forming the rectangular head 9. The terminals of the blank here meet and are curved together to form a prong 10 having a reduced point 11. This form of device is a compromise between the two forms previously described in that it employs the head of the form shown in Fig. 3, and the outer portion of the head so employed performs substantially the same function as the upper hook 3 in the forms shown in Figs. 1 and 2.

We do not limit our invention to the exact construction of fastener, but hold that we may make such variations as come within the knowledge of the skilled mechanic and the scope of our claim.

In the foregoing description in connection with the accompanying drawings it will be seen that we have provided a very simple, cheap and convenient fastener for carpets through the employment of which the carpets may be readily taken up or laid.

Having described our invention, what we claim is—

The herein described improved carpet fastener, the same being formed of wire and consisting of a blank, the upper portion of which, near one end, is outwardly bent to form a carpet-engaging hook, and below the same slightly and uniformly curved from said bend to its opposite end to form a prong for engaging a staple located under said carpet, substantially as specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

JOHN A. KORB.
CHARLES F. KORB.

Witnesses:

CHARLES LONG,
CHARLES M. PIPER.