

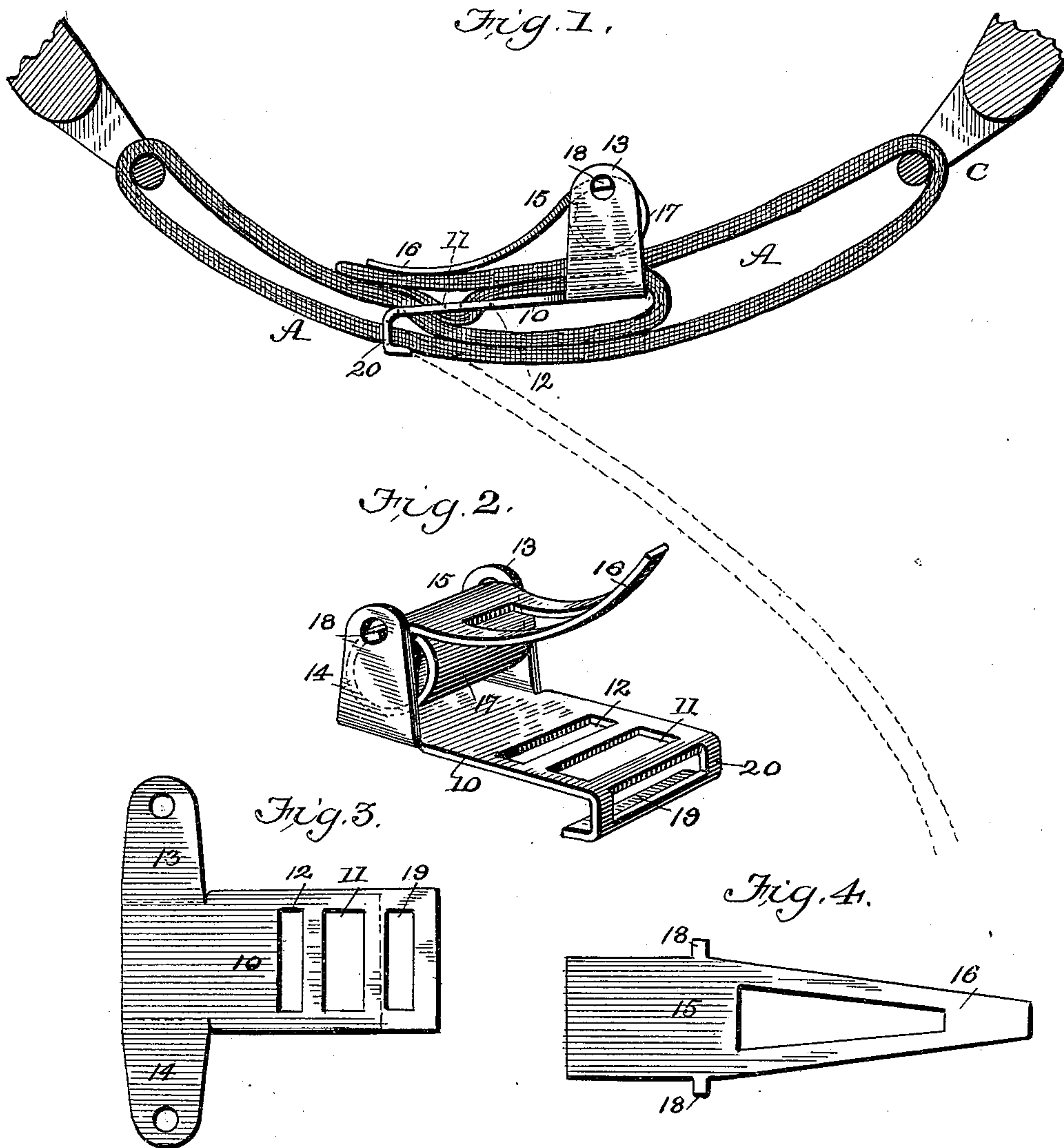
No. 631,669.

Patented Aug. 22, 1899.

F. N. RANKIN.
HAME FASTENER.

(Application filed Apr. 1, 1899.)

(No Model.)



WITNESSES:

Jos. A. Ryan
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UNITED STATES PATENT OFFICE.

FRANK N. RANKIN, OF GAINESVILLE, TEXAS.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 631,669, dated August 22, 1899.

Application filed April 1, 1899. Serial No. 711,435. (No model.)

To all whom it may concern:

Be it known that I, FRANK N. RANKIN, of Gainesville, in the county of Cook and State of Texas, have invented a new and useful
5 Improvement in Hame-Fasteners, of which the following is a specification.

My invention has for its object an improved hame-fastener so constructed that the hame-strap will be held securely to the loop
10 or eye on the hame-frame when the hames are unfastened and not in use and at the same time be readily detached from the said loop when desired.

With this end in view my invention consists in certain details of construction of the base-plate of the fastener and arrangement
15 of the strap on said plate, which I shall first describe and then point out the novel features in the appended claim.

Reference is to be had to the accompanying drawings, in which—

Figure 1 is a side elevation of my improved hame-fastener in place, the ends of the hame-frames being shown in section. Fig. 2 is a
25 perspective view of the strap-fastener. Fig. 3 is a face view of a blank out of which the base-plate and its ears may be formed, and Fig. 4 is a similar view of the blank for the cam locking-tongue.

My improved fastener is provided with a base-plate 10, formed of one piece of suitable metal, provided at one end with two transverse parallel slots 11 and 12, and formed at
30 the other end with struck-up integral ears 13 and 14. A cam locking-lever 15, also formed of one piece of metal bent to form the finger-piece 16 and the cam 17, is mounted between the ears 13 and 14 by two integral lugs 18, inserted in openings in the ears. The said cam-
40 lever is placed in position by slightly bending the ears outward, inserting the lugs in the openings in the ears, and then pinching the ears toward each other until the lugs are caught.

The principal feature of my present invention consists in bending downwardly that edge of the base-plate opposite the ears 13 and 14, as shown best in Fig. 2, and forming a transverse slot 19 in such bent or downwardly and
50 backwardly curved portion 20. This curved edge may manifestly be cast integral with the base-plate, but I prefer to form the base-plate of malleable metal, in which case I first cut the slot 19 and then bend the outer edge
55 downwardly and backwardly, as shown. The

above operation, it will be seen, forms the base-plate 10 with a transverse slot below the plane of the said base-plate, and this slot plays an important part in holding the strap to the hame loop or eye when the hames are unfastened. I shall now describe how this feature
60 operates.

The hame-strap A has one end passed down through the slot 11, around the cross-bar separating the slots and up through the slot 12, the said strap continuing over the top of the
65 base-plate between the ears, thence under and along the lower face of the base-plate, and back through the slot 11. The strap is then passed through the metal loop or eye B on the hame-frame, and in extending over to the loop C on the opposite hame-frame is inserted through the slot 19 below the face or plane of the base-plate, whence it is inserted through the latter hame-loop and underneath
75 the cam of the lever 15, being fastened in place by such lever. Now it will be seen that when the strap is detached from the loop C, as shown in dotted lines in Fig. 1, the hame-fastener will be securely though detachably
80 held to the opposite hame-frame by reason of the strap being held in the slot 19, whereas without the said slot the fastener would be liable to pull the strap out of the loop on the hame-frame when the fastener is not in use.
85 At the same time it is obvious that the fastener can be readily taken entirely from the hame-frame by merely pulling the strap out of the slot 19.

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

As a new article of manufacture, the herein-described hame-fastener consisting of the metal base-plate 10, and the metal cam locking-lever 15 mounted thereon, the base-plate
95 being formed near one end with three parallel transverse slots 12, 11, and 19 of which the slot 19 is adjacent the said end of the base-plate, the metal being bent sharply downward at the inner wall of the slot 19 and sharply inward at the opposite wall thereof, whereby to form a retaining-loop at the end of the fastener integral with the base-plate, as
100 and for the purpose set forth.

FRANK N. RANKIN.

Witnesses:

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