

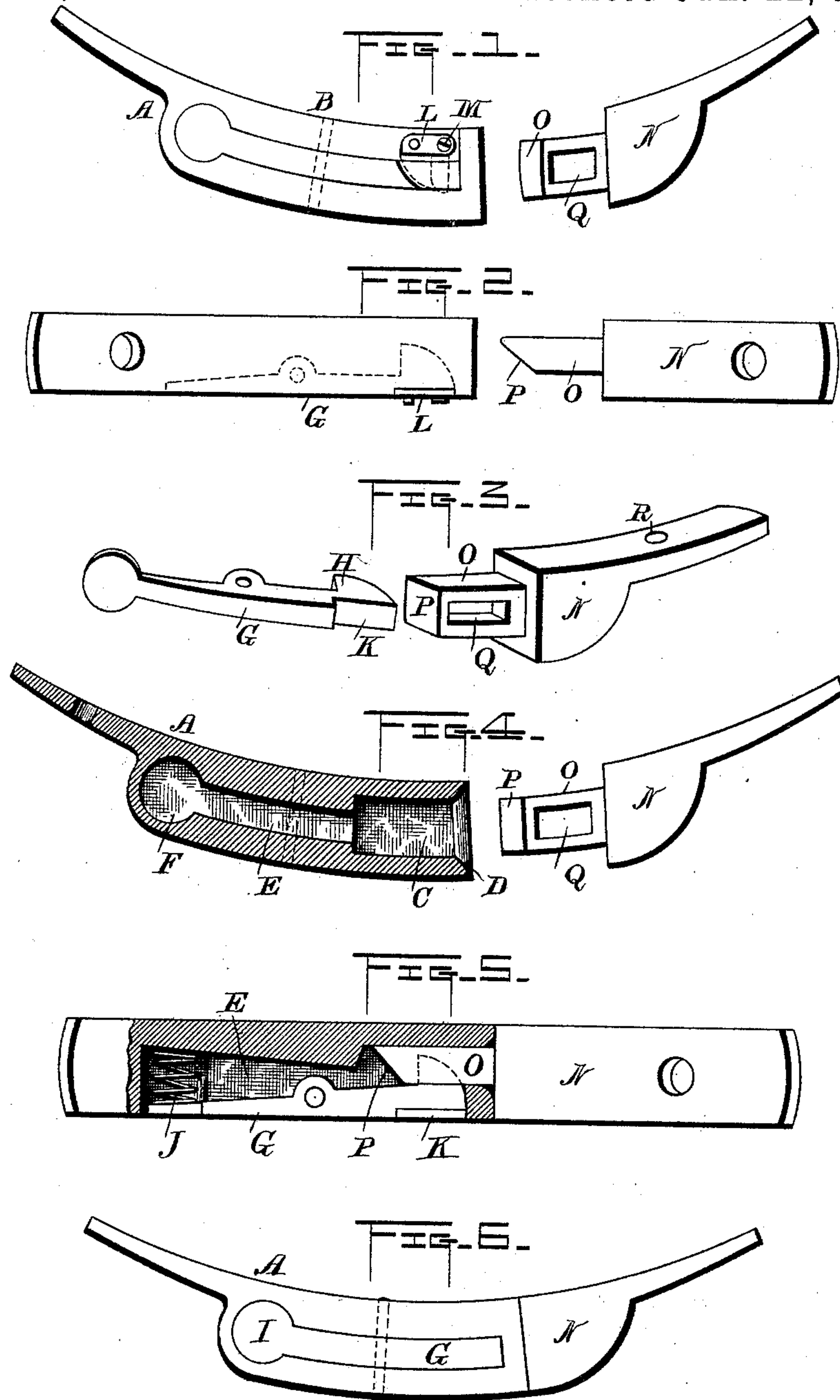
(No Model.)

G. W. HARROP.

HAME FASTENER.

No. 396,653.

Patented Jan. 22, 1889.



WITNESSES:
Geverance.
Wm W. Deane

INVENTOR:
George W. Harrop,
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UNITED STATES PATENT OFFICE.

GEORGE W. HARROP, OF MANHATTAN, KANSAS.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 396,653, dated January 22, 1889.

Application filed May 12, 1888. Serial No. 273,743. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HARROP, of Manhattan, in the county of Riley and State of Kansas, have invented a new and useful

5 Improvement in Hame-Fasteners, which improvement is fully set forth in the following specification and accompanying drawings, in which reference is hereby made and had, viz:
Figure 1 is a side view of the two parts
10 forming the hame-fastening separate. Fig. 2 is a top view of the same; Fig. 3, a perspective view of the latch and adjacent end of the fastener; Fig. 4, a central longitudinal section of one portion of the fastener; Fig. 5,
15 a central horizontal longitudinal section of the same, showing the two parts placed together; and Fig. 6, a front view of the two parts in contact with each other, representing a modification.

20 The invention relates to hame-fasteners made, preferably, of brass, iron, or other suitable metal, or, if desired, of any other suitable material having the required strength, solidity, and durability. It may be embodied in
25 and form constituent parts of the hames themselves, or it may be securely attached the one part of it to one hame and the other part to the other hame by any suitable and convenient means, or in any suitable and convenient
30 manner; and the novelty consists in the construction of the several parts and in their combination as a whole, all as will now be fully described, and pointed out in the claims.

In the drawings, A represents a section of
35 the hame, or the line of the fastener which is secured to the hame. This is provided with an enlargement, B, horizontally and vertically, having at its forward end the opening C, provided with a flaring mouth, D. The side of
40 this enlargement is provided with a slot or groove, E, which terminates at a point near the forward end and communicates with the opening C. The rear end of this slot E terminates in a circular recess, F. A latch,
45 G, is centrally pivoted in this groove E, the forward end of which is provided with a hook, pin, or bolt, H, while its rear end has a circular enlargement, I, so that it will fit into the slot or groove E, before referred to.

50 A spring, J, is interposed between the cir-

cular end I and the base of the groove E, so as to hold the latch normally in position with its outer surface even with the face of the fastening-piece B. The latch G has its forward face, directly opposite to the projection of the
55 hook H, cut away or gained, as shown at K, and a finger, L, hinged to the piece B by means of the screw M, serves as a catch for the purpose of holding the latch in the position shown in Figs. 2 and 5. The other end of the por-
60 tion of the fastening device has an enlargement, M, or head, vertically and horizontally of the same dimensions as the body of the other piece, B, from which projects centrally a stud or bolt, O, the forward face of
65 which, at the end, is scarfed or cut away at an angle at P to correspond with the forwardly-curved or cut-away portion of the hook-latch G. A horizontal opening, Q, which is rectangular in the drawings, but may be round
70 or of any other suitable shape, the hook, bolt, or coupling-pin of the latch being made to correspond with it and fit into it, is formed through this stud, into which the hook H enters when the stud O is placed in the aperture
75 C, as shown in Fig. 5. As in the case of the other half of the fastener, this part may be integral with the hame or adapted to be secured to the hame by means of screws through
80 the holes R, or otherwise, as may be most convenient.

The catch or holder L may or may not be employed for the purpose of retaining the latch G in position, and the illustration, Fig. 6, shows the fastener without this addition. 85

For ordinary light work I prefer the form of the fastener shown in Fig. 6; but for heavy or rough work, or in case the spring J becomes weak, out of order, or is broken, the swinging catch or holder L may conveniently
90 be used, and proves useful and effective in holding the pivoted hook-latch in position.

What I claim as new is—

1. The within-described hame-fastening, consisting of the part A, enlarged at B and
95 having the slot E, provided at its forward end with the opening C and flaring mouth D, and at its rear end terminating in the recess F, the hook-latch G, pivoted in the slot E, the spring J, acting on said latch, and the part N, hav- 100

ing a central projecting scarfed and perforated bolt, O, the several parts made and all combined in the manner set forth.

2. In a hame-fastener, the combination of
5 the part A, having a pivoted holding-finger, L, and slotted, as described, and having the hooked latch therein, said latch being cut away at K, combined with the part N, having stud O, perforated and scarfed, as described.

In testimony that I claim the foregoing I 10
have hereunto set my hand, this 7th day of
May, 1888, in the presence of witnesses.

GEO. W. HARROP.

Witnesses:

WM. P. HIGINBOTHAM,
E. L. SCOTT.