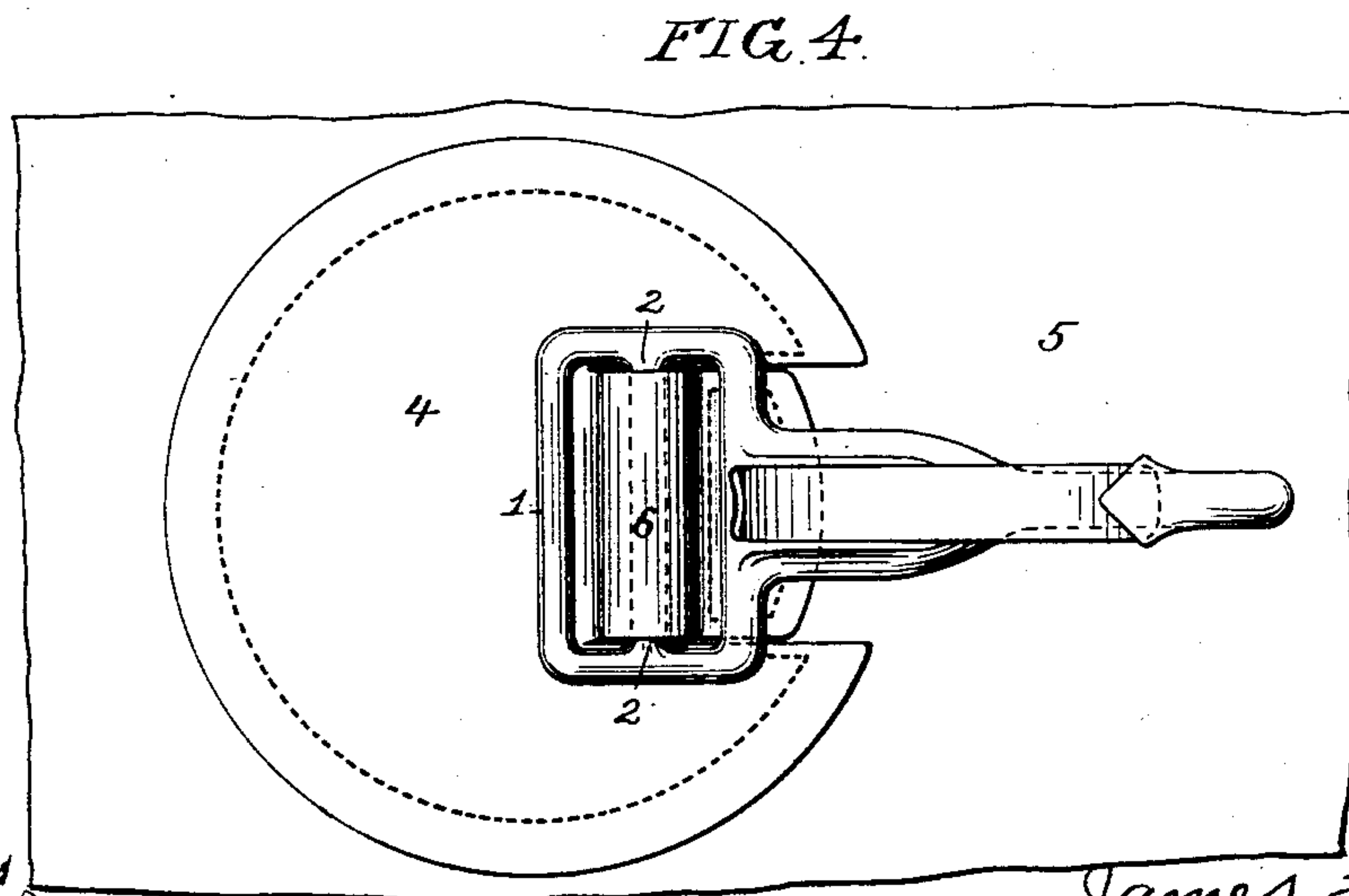
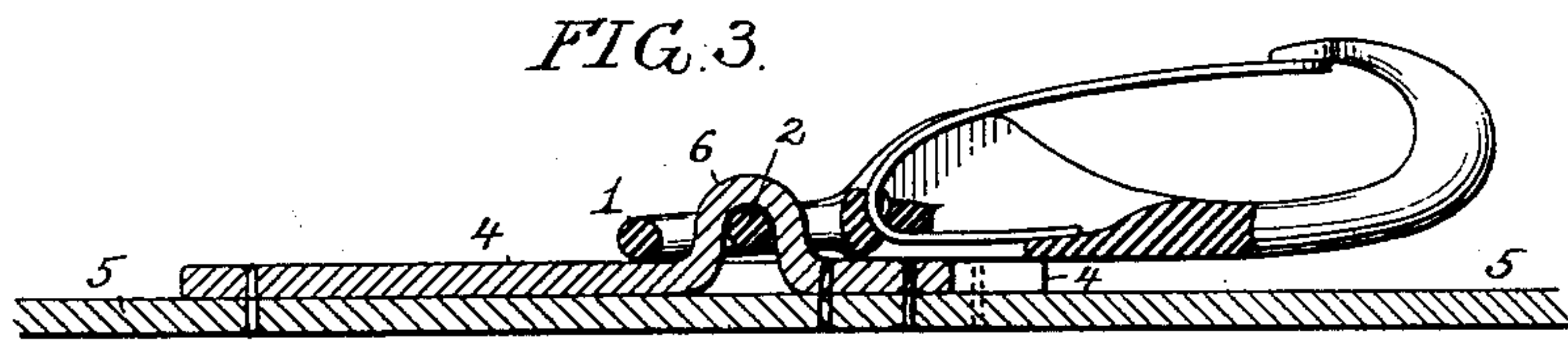
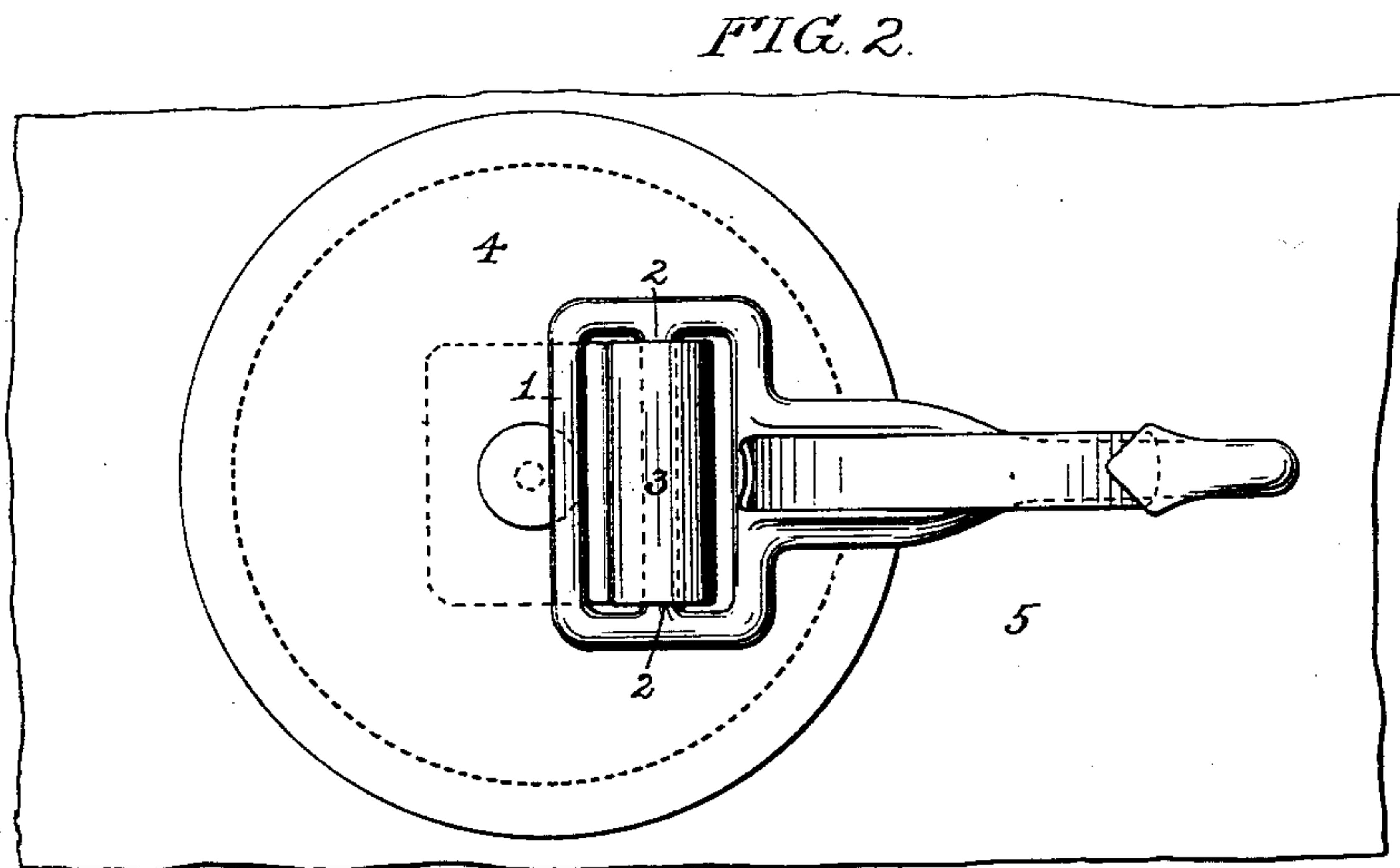
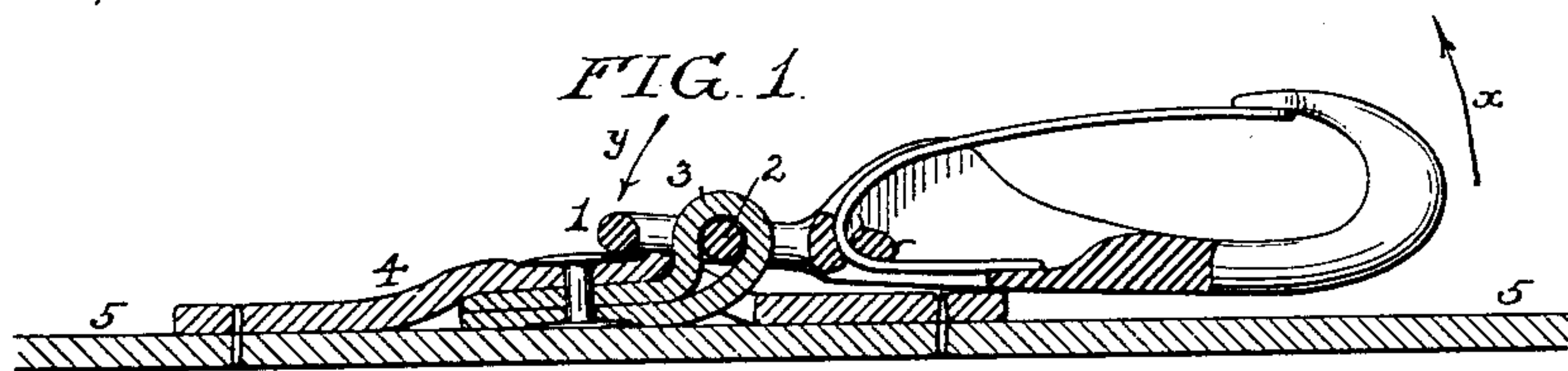


(No Model.)

J. HAND.
MEANS FOR MOUNTING SNAP HOOKS.

No. 593,428.

Patented Nov. 9, 1897.



Witnesses
Charles D. Leary.
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Inventor
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UNITED STATES PATENT OFFICE.

JAMES HAND, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO WILLIAM AYRES & SONS, OF SAME PLACE.

MEANS FOR MOUNTING SNAP-HOOKS.

SPECIFICATION forming part of Letters Patent No. 593,428, dated November 9, 1897.

Application filed February 16, 1897. Serial No. 623,631. (No model.)

To all whom it may concern:

Be it known that I, JAMES HAND, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain
5 Improvements in Means for Mounting Snap-Hooks, of which the following is a specification.

The object of my invention is to so construct a snap-hook and to so mount the same upon
10 its support that the hook portion will be prevented from rising and swinging over backwardly upon the said support. This object I attain in the manner hereinafter set forth, reference being had to the accompanying drawings, in which—
15

Figure 1 represents a sectional view of a snap-hook and supporting device therefor constructed in accordance with my invention. Fig. 2 is a plan view of the same, and Figs.
20 3 and 4 are respectively a sectional view and a plan view illustrating a modified form of support for the hook.

The objection to the ordinary method of securing a snap-hook to its support is that
25 the hook is free to swing upwardly and backwardly, so that it is not always in proper position for receiving the ring or other engaging device; and the object of my invention is to overcome this objection in a simple and
30 inexpensive manner.

So far as regards the hook end and tongue or other engaging portion of the hook the structure may be varied without departing from my invention, which relates to that portion of the hook which is secured to the support. This portion of the hook consists in the present instance of a yoke 1 with transverse cross-bar 2, the latter serving as a fulcrum-bar whereby the hook is secured to its
40 support. As shown in Fig. 1, this fulcrum-bar 2 is engaged by the looped end of a folded strip 3, which projects through an opening in a shield or pad 4, secured upon the face of the blanket 5 or other object upon which the
45 snap-hook is mounted, both the looped strip and the shield being suitably secured in position by stitching or other appropriate means of fastening. When thus secured, the rear

bar 1 of the yoke bears upon the shield 4 in the rear of the fulcrum-bar 2. Hence the outer
50 end of the hook cannot rise, as indicated by the arrow x in Fig. 1, without imparting downward movement to the bar 1, as indicated by the arrow y in said figure, and as such movement of the bar 1 is prevented by its bearing
55 upon the shield 4 it follows that upward movement of the outer end of the hook is likewise prevented.

In Figs. 3 and 4 I have shown a modification of the hook supporting and retaining
60 device in which the fulcrum-bar 2 of the hook is engaged by the looped portion of a tongue 6, formed from the shield 4 instead of in a separate strip, the restraining action, however, being substantially the same in both
65 cases.

While I prefer to construct the hook with a loop having a transverse cross-bar serving as a fulcrum, as described, this is not absolutely
70 essential to the proper carrying out of my invention, as any portion of the hook structure projecting rearwardly beyond the fulcrum-bar and providing a bearing on the support, so as to prevent rise of the outer portion of the hook, might be used.
75

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

The combination of a blanket or the like, with a shield rigidly secured upon the same,
80 and a snap-hook having a fulcrum-bar confined by a loop to said shield, said hook having a portion projecting rearwardly beyond the loop, and bearing upon the shield in the rear of the fulcrum-bar, whereby the forwardly-projecting portion of the hook is prevented from swinging outwardly, substantially as specified.
85

In testimony whereof I have signed my name to this specification in the presence of
90 two subscribing witnesses.

JAMES HAND.

Witnesses:

WM. H. HIBBITS,
WM. H. MACMUNN.