H. P. HAMBURG.

CLASP FOR INDEX TABS.

APPLICATION FILED MAY 23, 1907.

988,772. Patented Apr. 4, 1911.

FIG. 1

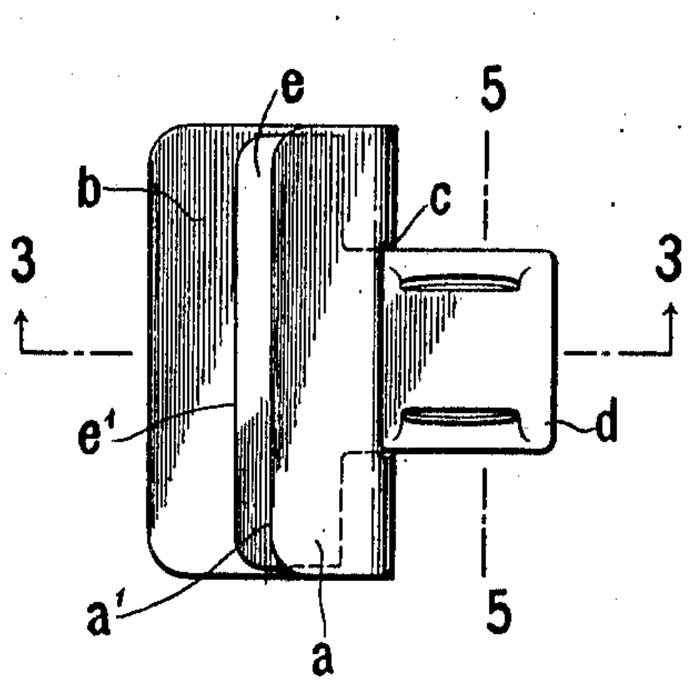


FIG. 2

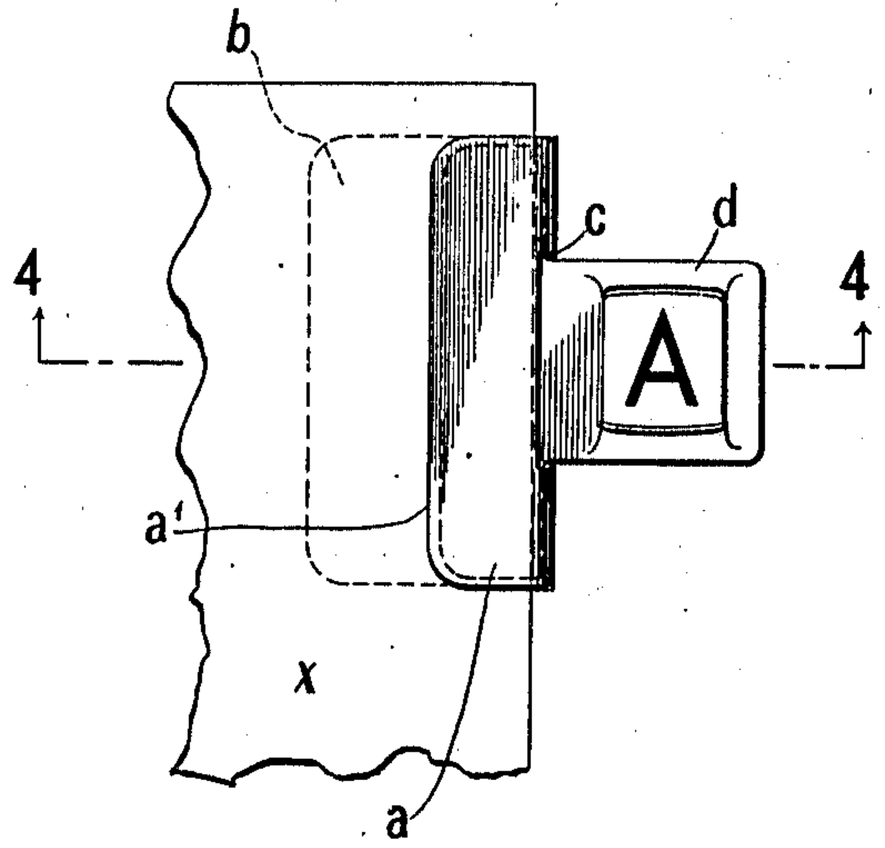


FIG. 3

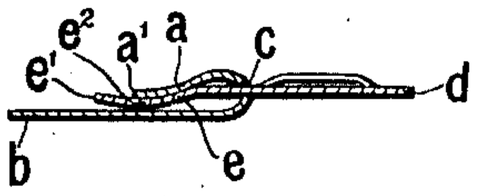


FIG. 4

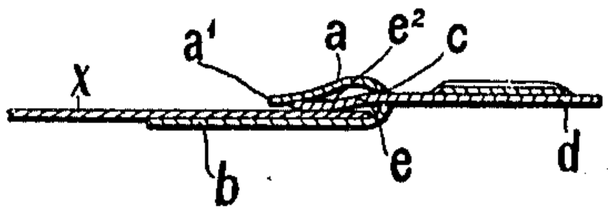


FIG. 5

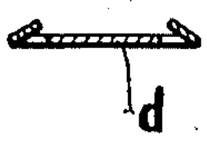
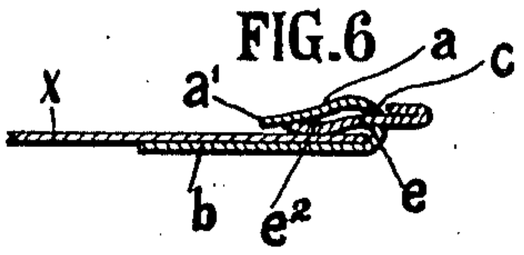


FIG. 6



Witnesses
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UNITED STATES PATENT OFFICE.

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CLASP FOR INDEX-TABS.

988,772. Specification of Letters Patent. Patented Apr. 4, 1911.

Application filed May 23, 1907. Serial No. 375,222.

To all whom it may concern:

Be it known that I, HENRY PHILLIP HAMBURG, a citizen of the United States of America, residing at Morris Park, Long Island, county of Queens, State of New York, have invented a certain Improved Clasp for Index-Tabs, of which the following is a specification.

This invention comprises a clip composed of two parts slidable relatively to each other and between which a paper sheet, or sheets, may be clamped when one of said parts is moved, relatively to the other, into clamping position.

As herein shown the device is in the form of a ledger or index clip one of the parts being provided with a tab or extension to receive a letter or numeral designation.

In the accompanying drawing: Figure 1 is a plan; Fig. 2, a plan showing the clip applied to a sheet *x* of paper; Fig. 3, a section on the line 3, 3, of Fig. 1; Fig. 4, a section on the line 4, 4, of Fig. 2; Fig. 5, a section on line 5, 5, of Fig. 1; Fig. 6, shows a modification.

As shown, the clip comprises two members, one movable within the other. One of the members, in this instance the inner one, has integral with it a tab or projection adapted to carry a designating letter or number. The outer member is composed of an oblong piece of metal, one portion *a* of which is bent over upon the other flat portion *b*, the edge *a'* of the bent over part being in close juxtaposition to the face of the other and a suitable distance from the edge of the latter. The bend of the metal is provided centrally with a longitudinal slot *c* through which passes the tab projection *d* integral with a transverse plate *e* of the same length as the part *a* but a width slightly less.

The parts *d*, *e* constitute what I term the inner member and may be formed as shown from a single piece of sheet metal. The edge *e'* of the plate *e* is thrown upwardly there being a slight curve in the body of said plate as indicated at e^2. When the tab and attached plate *e* are pushed inwardly, the upturned edge of the plate projects slightly beyond the edge of the part *a* of the outer member, the edge of the latter lying in the depression in the face of the former. When in this position the clip may be slipped over the sheet, or sheets, to which it is to be applied. Then by holding the outer member in position and drawing the tab outwardly the upturned edge *e'* of plate *e* is by contact with *a* pressed downwardly upon the sheet clamping it against the under or main part *b* of the outer member of the clip. To release the clip from the sheet, it is only necessary to press the tab inwardly. If the tab projection *d* were cut away adjacent the slot *c* and the metal bent over upon itself, as shown at Fig. 6, to form a double thickness that would prevent it slipping through the slot, the device would be well adapted for use as a paper clip to confine a plurality of sheets of paper.

The tab *d* may be formed in any suitable way to receive an index letter. As shown the tab is formed with parallel slots by slitting the metal and turning up one edge of each slot in the manner indicated in Figs. 1, 2 and 5. The letter may be printed on paper or cardboard and the opposite ends of the paper or cardboard passed into the slots, in the manner indicated.

I claim:

1. A clip comprising an outer member consisting of a flat body portion folded or bent to produce an overlying part and slotted at the bend and an inner member having a part extending through the slot, and a clamping part arranged to slide between the base of the outer member and the edge of the overlying part thereof and having its inner end up-turned to be acted upon by said overlying part to produce a clamping action.

2. A clip, comprising an outer member consisting of a flat slotted body portion folded or bent to produce an overlying part and an inner member having a part extending through the slot, and a clamping part sliding in a plane parallel with the base of the outer member and having its inner edge up-turned and adapted to press flatwise toward the base of the outer member.

3. A clip comprising an outer member formed from a piece of sheet metal less than one half of which is turned over upon the other portion with the edge of the turned over portion in close proximity to the face of the other portion and which is slotted

where it is bent, and an inner member composed of a tab movable through the slot in the outer member and an integral locking plate lying under the turned over portion of the outer member of approximately the same width and having its edge upturned whereby when the tab is pressed inwardly the edge of the plate integral with it is caused to project beyond the edge of the turned over portion of the outer member and when the tab is pulled outwardly the turned-up edge of the plate passes under the edge of the turned over portion of the outer member and is thereby subjected to a downward pressure adapting it to firmly clamp a sheet lying between it and the under portion of the outer member.

4. A flat clip comprising a part made of sheet metal and bent over upon itself, another part of sheet metal having its inner edge up-turned and located wholly between the bent over portions of the first named part, said parts being slidable relatively to each other to clamp a sheet between them.

In testimony whereof, I have hereunto subscribed my name.

HENRY PHILLIP HAMBURG.

Witnesses:

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