

(No Model.)

S. J. NEUGROSCHL & C. WALTERS.
LETTER CLASP.

No. 539,905.

Patented May 28, 1895.

FIG. 1.

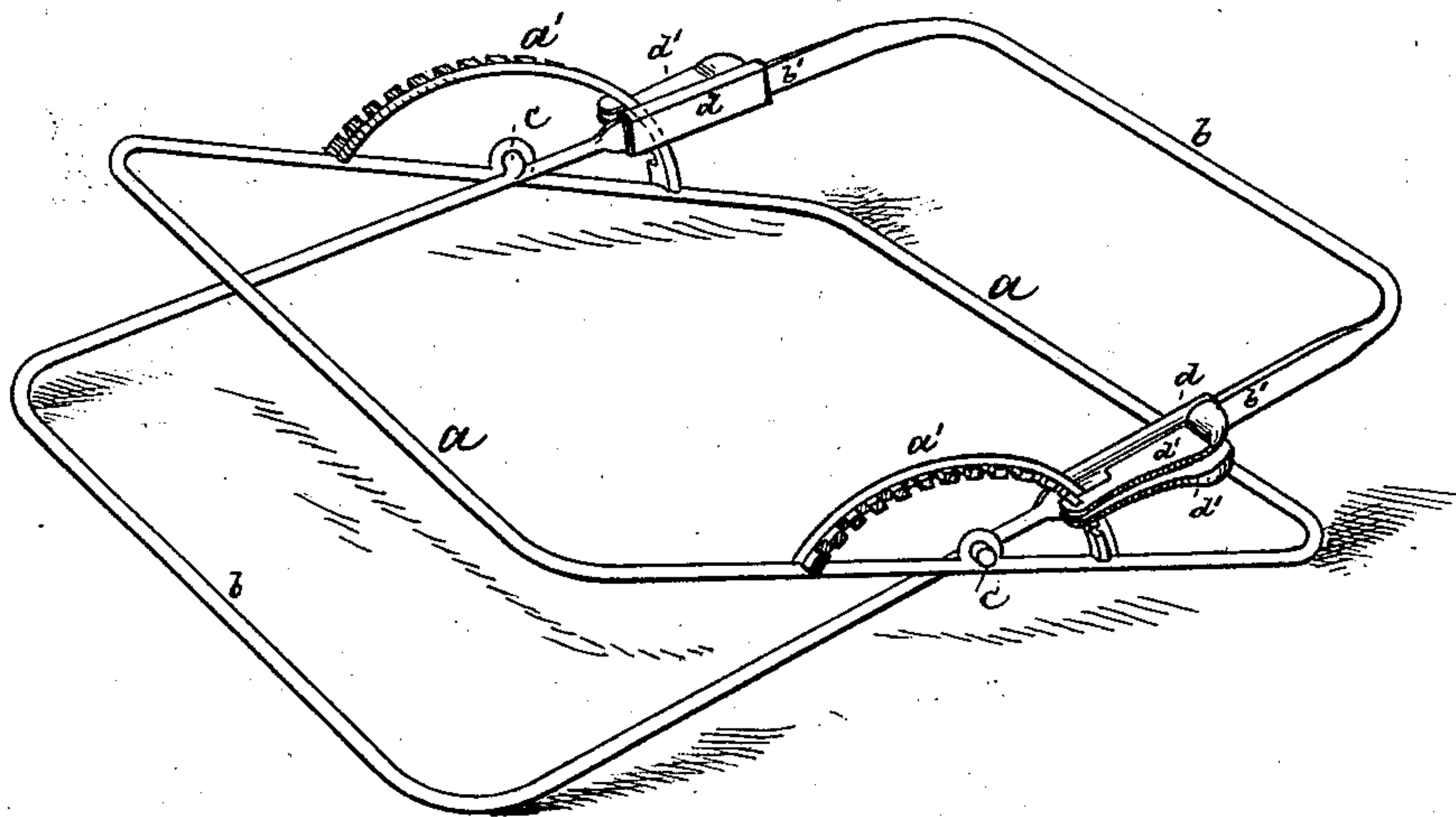


FIG. 2.

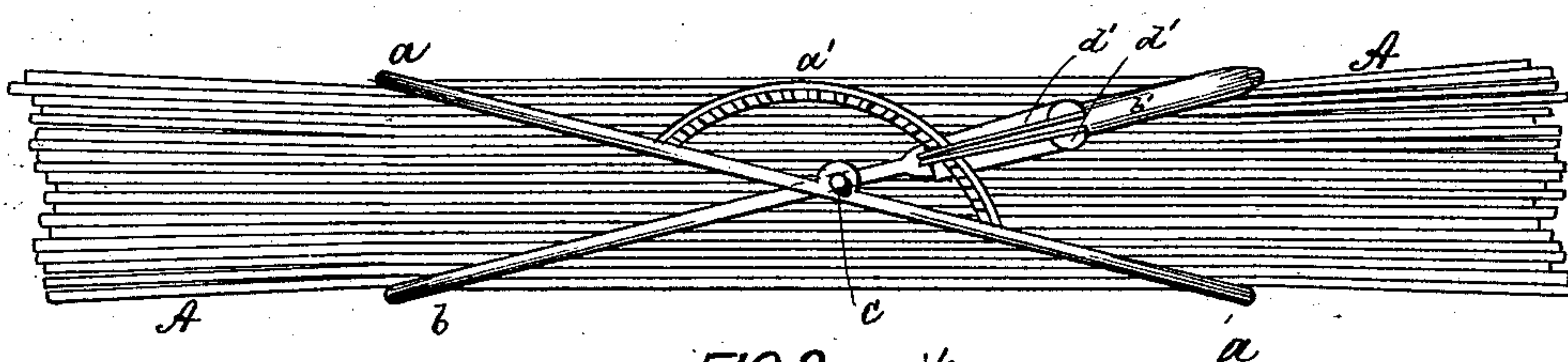


FIG. 3.

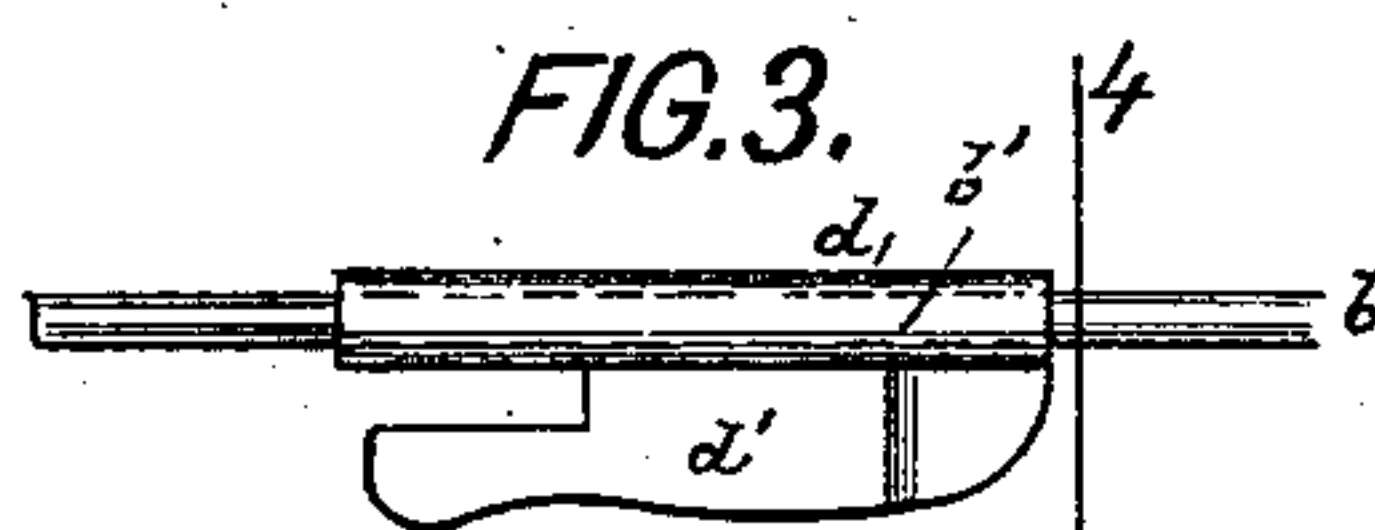


FIG. 4.

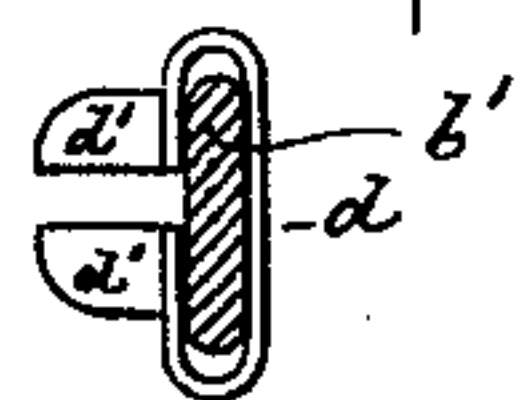


FIG. 5.



Witnesses:
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UNITED STATES PATENT OFFICE.

SAMUEL J. NEUGROSCHL AND CHARLES WALTERS, OF NEW YORK, N. Y.,
ASSIGNORS OF ONE-THIRD TO ISRAEL NEUGROSCHL, OF SAME PLACE.

LETTER-CLASP.

SPECIFICATION forming part of Letters Patent No. 539,905, dated May 28, 1895.

Application filed September 14, 1894. Serial No. 522,984. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL J. NEUGROSCHL and CHARLES WALTERS, of New York city, New York, have invented an Improved Letter-Clasp, of which the following is a specification.

This invention relates to a clasp by which a large or small number of letters may be readily collected into packages. The clasp is designed more particularly to be used in post offices, for bunching sets of those letters that are to be forwarded to the same destination.

In the accompanying drawings, Figure 1 is a perspective view of our improved letter-clasp; Fig. 2, a side view thereof; Fig. 3, an enlarged plan of the slide; Fig. 4, a cross-section on line 4 4, Fig. 3; and Fig. 5, an enlarged front view of the slide.

The letter *a*, represents a rectangular wire frame, and the letter *b*, represents a similar, somewhat narrower frame, which is slipped into the frame *a*, and is connected thereto by the central pivots *c*.

To the frame *a*, there is secured, around each pivot, an arched rack *a'*. This rack is adapted to be engaged by a slide *d*, moving upon the shank of frame *b*. The slide *d*, is composed of a strip of metal which is bent around the shank of frame *b*, (Fig. 4,) and is then turned up, at right angles, to form two disconnected, diverging spring jaws *d'*, (Fig. 5.) That section of the frame *b*, which serves

to support the slides *d*, is widened as at *b'*, to constitute a guide rail.

In use, the frames *a*, *b*, are opened. The loose envelopes *A* are slipped in between them, and then the frames are closed and locked in position by the slides *d*, which are brought into engagement with the racks *a'*. Thus the envelopes are bunched into compact packages, which may as readily be opened by withdrawing the slides from the racks. As the frames can be opened and locked at any desired angle, they are adjustable to clasp large and small bundles of letters with a uniformly firm grasp.

What we claim is—

1. The combination of a pair of pivotally connected frames with a curved rack secured to one frame around the pivot, and with a sliding catch movable on the other frame and adapted to engage said curved rack, substantially as specified.

2. The combination of frame *b*, having flattened section *b'*, with pivotally connected frame *a*, having curved rack *a'*, and with a slide *d*, engaging section *b'*, and provided with a pair of spring jaws *d'*, substantially as specified.

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