

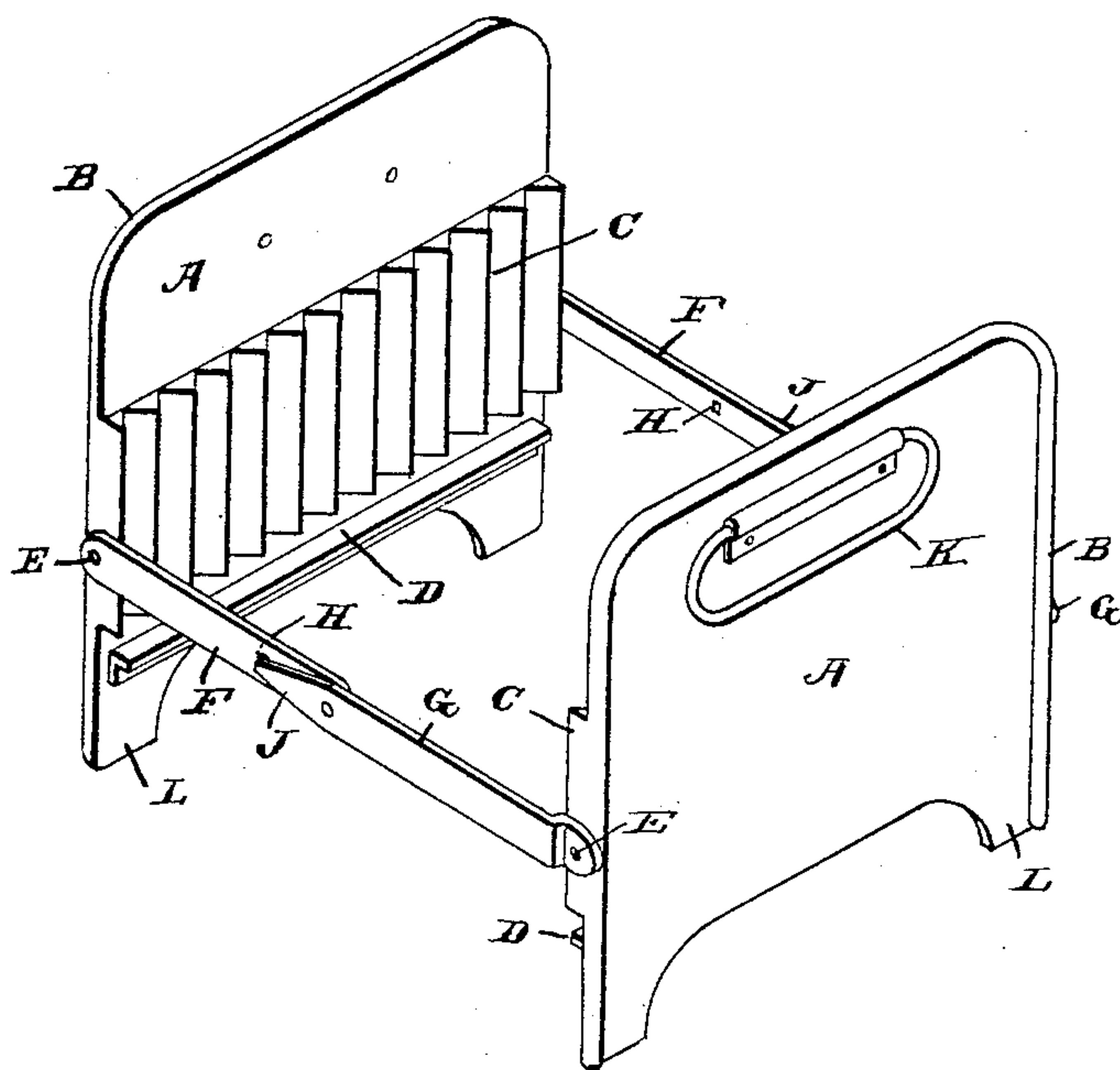
(No Model.)

Z. B. COES.

NEGATIVE WASHING TRAY.

No. 389,201.

Patented Sept. 11, 1888.



Witnesses,
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UNITED STATES PATENT OFFICE.

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NEGATIVE-WASHING TRAY.

SPECIFICATION forming part of Letters Patent No. 389,201, dated September 11, 1888.

Application filed April 25, 1888. Serial No. 271,822. (No model.)

To all whom it may concern:

Be it known that I, ZORESTER B. COES, of Hamilton, Butler county, Ohio, have invented certain new and useful Improvements in Negative-Washing Trays, of which the following is a specification.

This invention has reference to an improved tray or holder for photographic negatives while being washed, the improvements relating particularly to a construction adapting the device for folding into small compass to form part of a photographer's field-kit.

My improvements will be readily understood from the following description, taken in connection with the accompanying drawing, which is a perspective view of a device embodying my improvements.

In the drawing, A indicates the vertical end pieces of the tray, formed, preferably, of sheet metal, as tin; B, wiring in the edge thereof to serve in strengthening; C, vertical corrugations upon the inner faces of the end pieces intended to receive and retain the negatives which are to be dropped edgewise into the tray with the ends engaging these corrugations; D, an inwardly-extending ledge upon the inner face of each of the end pieces below the corrugations, these ledges serving to limit the descent of the negatives and keep their lower edges a reasonable distance above the surface on which the tray stands; E, pivots at each side edge of each of the end pieces; F, rail-pieces having a length equal to about half the length of the tray, one end of each of these rails being attached to the pivots E of one of the end pieces; G, substantially similar rails pivoted to the free ends of the rails F and forming virtually prolongations thereof, the outer ends of the rails G being attached to the pivots of the opposite end piece; H, detent mortises in the rails F near the pivots which unite the rails; J, inward prolongations of the rails G beyond the pivots which unite the rails, the extremities of these prolongations being bent inwardly to engage the mortises H; K, handles upon the outer faces of each of the end

pieces, and L feet upon the end pieces projecting below the ledges D.

The entire device is preferably constructed of sheet metal, the corrugations upon the end pieces being either united to the end pieces or formed thereon by a striking-up process. The pivots E should be formed of rivets tightened sufficiently to produce friction enough to prevent the tipping and falling of the end pieces, simple friction in such case avoiding the necessity for any complicated notches or retaining devices at the outer ends of the rails. The central or joint portion of the rails are prevented from sagging and thus disordering the apparatus by the detent arrangement.

The negatives being placed in the tray, the entire apparatus may be set in a catch-tray and the negatives washed in the usual manner, after which the tray with its contents may be set away to drain and dry.

The device makes a handy device for holding negatives for any purpose.

By flexing the rails centrally sidewise the detent will disengage and the centers of the rails may then be deflected upwardly, and the two end pieces may press toward each other until the apparatus occupies a space equal to the thickness of the two end pieces, the rail parts folding up nearly parallel with each other and projecting upwardly. In this condition the apparatus may be placed in the camera-box of the photographer's traveling-kit.

I claim as my invention—

In a device for receiving negatives, the combination, substantially as set forth, of two end pieces provided with corrugations upon their inner surfaces and with ledges below the corrugations, and rails uniting the side edges of the end pieces and provided with pivoted joints and detents at about their center of length.

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Witnesses:

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