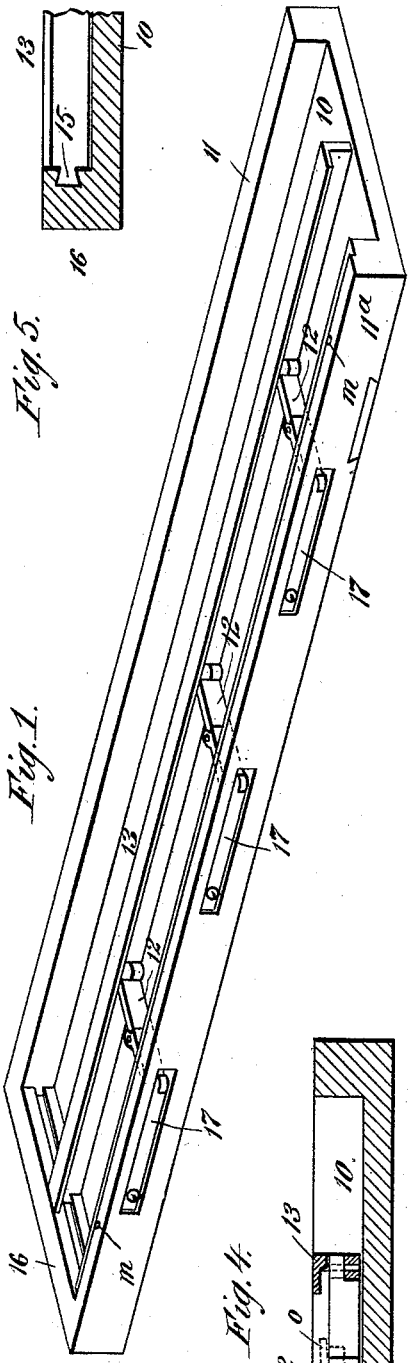
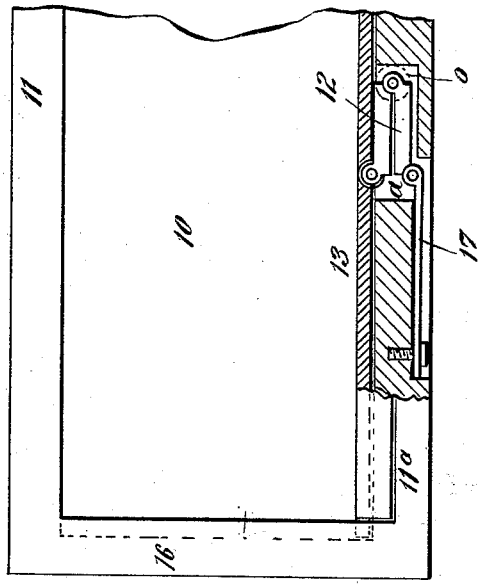
(No Model.)

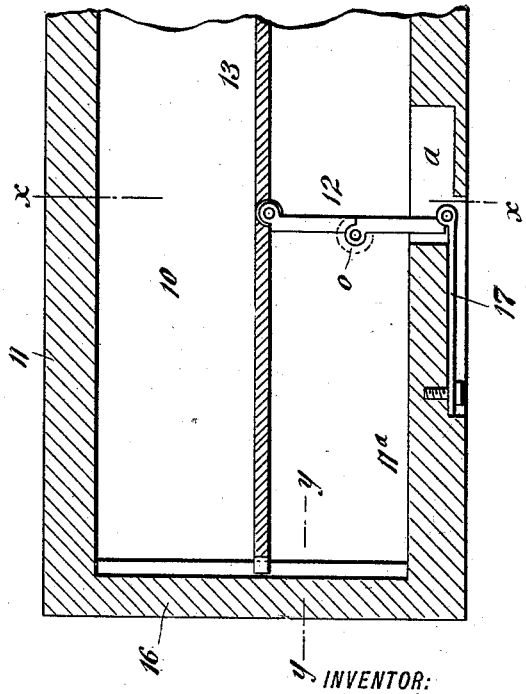
L. R. & A. D. HOSS.

PRINTER'S GALLEY.

No. 423,156. Patented Mar. 11, 1890.







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LEONIDAS R. HOSS AND ABRAHAM D. HOSS, OF DEER LODGE CITY, MONTANA.

PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 423,156, dated March 11, 1890.

Application filed April 24, 1889. Serial No. 308,435. (No model.)

To all whom it may concern:

Be it known that we, LEONIDAS ROBERT HOSS and ABRAHAM DRYDEN HOSS, both of Deer Lodge City, in the county of Deer Lodge and State of Montana, have invented a new and Improved Printer's Galley, of which the following is a full, clear, and exact description.

This invention relates to printers' galleys, the object of the invention being to provide a galley which shall be so constructed that the use of locking-strips and quoins will be entirely dispensed with; and to the end named the invention consists of a galley provided with a folding strip, arranged as will be hereinafter fully described, and specifically pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of our improved printer's galley. Fig. 2 is a plan view of a portion of the galley, parts being broken away. Fig. 3 is a sectional view of a portion of the galley, the folding strip being represented as it appears when moved into a position to bear against the column of type. Fig. 4 is a cross-sectional view on line $x\ x$ of Fig. 3, and Fig. 5 is a sectional detail view on line $y\ y$ of Fig. 3.

In the drawings, 10 represents the galley-body, which is provided with fixed side flanges 11 and 11^a. The side flange 11^a is formed with a series of recesses a, within which there are hinged the outer members of toggle-levers 12, the other members of the said levers being hinged to a strip 13, that is guided at one end by a projection 15, that rides in a dovetail groove formed in the end flange 16 of the galley. Although the pintles upon which the toggle-levers 12 are mounted might be supported rigidly within the recesses a, we prefer to connect the toggles to heavy springs 17, as by so doing we provide for the holding of the strip 13 in yielding contact with the column of type placed in the galley.

In operation, when the type is placed within the galley, the parts are adjusted as represented in Fig. 2. Then the strip 13 is moved outward and the toggle-levers adjusted to the position in which they are shown in Figs. 1, 3, and 4. In this way we provide for the locking of the type within the galley and overcome the necessity of using locking-strips and quoins.

Although not positively essential, we prefer to provide spring-catches n, which engage the strip 13 and hold said strip in its closed position, the catches being depressed to release the strip through the medium of studs or pins m, and, although not essential, we prefer to provide the toggle-levers 12 with plates o, which prevent the catching of the fingers in the lever-joint.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The combination, with a galley, of springs, toggle-levers pivotally connected to the springs, and a strip pivotally connected to the levers, substantially as described.

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ABRAHAM D. HOSS.

Witnesses:
HIRAM KNOWLES,
EDWARD SCHARNIKOW.