

B. F. CURTIS.
PRINTER'S LOCKING UP DEVICE.

No. 265,762.

Patented Oct. 10, 1882.

Fig. 1.

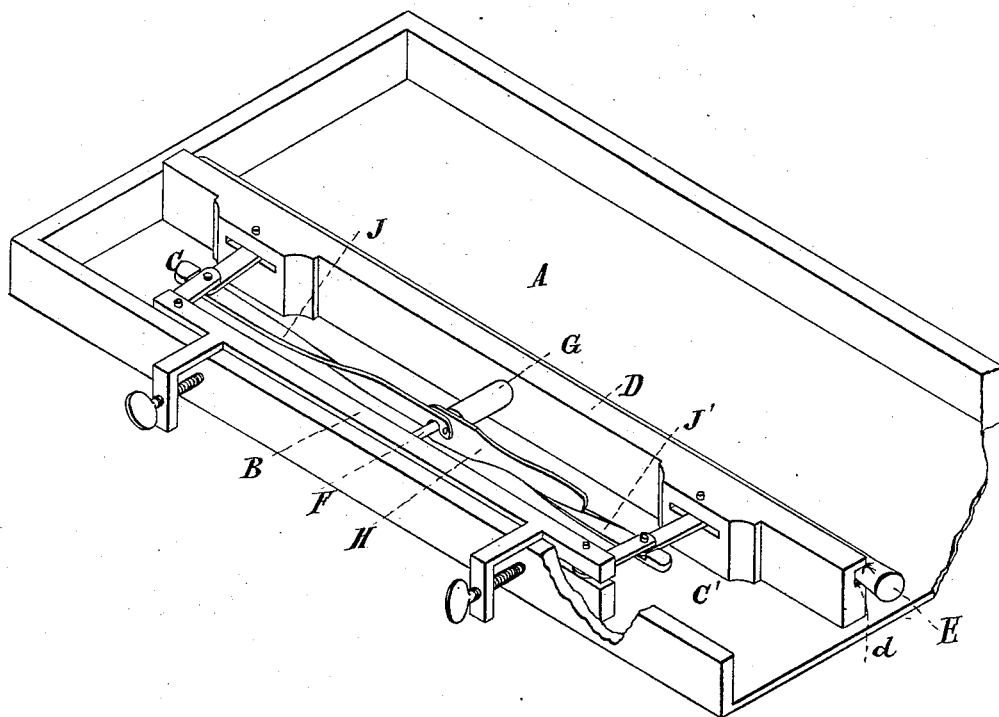
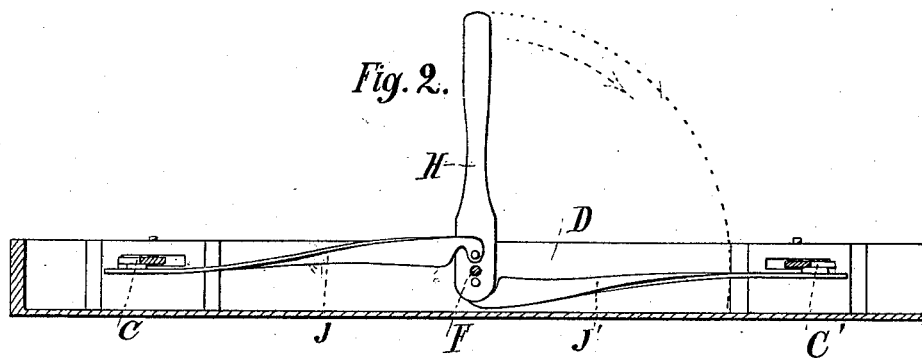


Fig. 2.



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(No Model.)

2 Sheets—Sheet 2.

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Fig. 3.

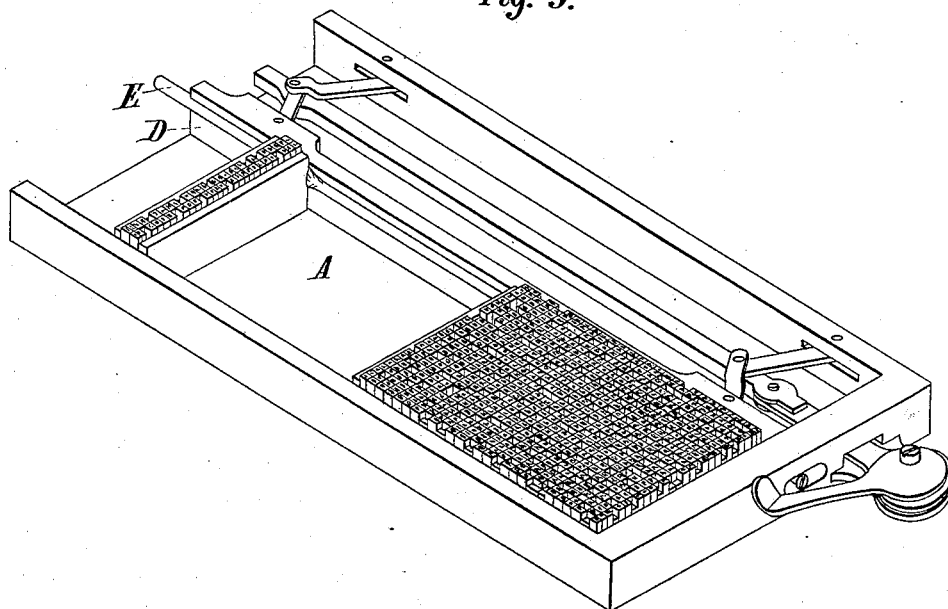
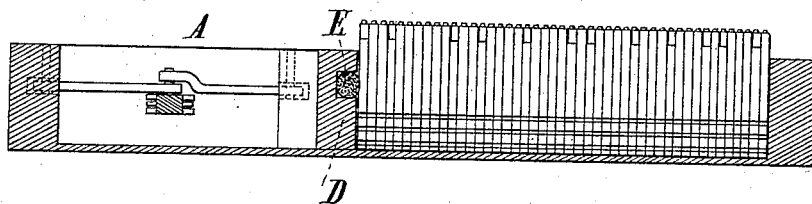


Fig. 4.



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UNITED STATES PATENT OFFICE.

BENJAMIN F. CURTIS, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF TO
ROBERT C. FITZGERALD, OF SAME PLACE.

PRINTER'S LOCKING-UP DEVICE.

SPECIFICATION forming part of Letters Patent No. 265,762, dated October 10, 1882.

Application filed June 26, 1882. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN F. CURTIS, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Printers' Locking-Up Devices, of which the following is a specification.

My device consists essentially of a lock-bar having a lip or gasket of caoutchouc or other elastic substance, which bar is rendered capable of being moved bodily parallel with itself and held to the position to which it has been thus advanced by means of cam or lever and toggle or equivalent mechanism.

In the accompanying drawings, Figure 1 is a perspective view of the preferred form of my invention in the locked condition. Fig. 2 is a vertical section of the same, showing the lever-and-toggle mechanism in the unlocked condition. Figs. 3 and 4 are respectively a perspective view and a vertical section (both in the locked condition) of another form of my invention.

A may represent the frame of either a chase or a galley.

B, Fig. 1, is a clamp, to which is connected by toggles C C' a cheek or lock-bar, D, having on its type side a groove or channel, *d*, into which is forced a strip or fillet, E, of caoutchouc or other elastic substance. A rod, F, projecting rectangulantly from the clamp B, has

sliding thereon a tube or sleeve, G, that projects reversely from the lock-bar D. Upon this rod is pivoted a lever, H, which is so connected by rods J J' with said toggles as (for its movement in direction of the dotted arrow) to straighten the said toggles and force the locking-bar onto the type, so as to hold the same at any part of the chase or galley.

In the modification shown in Figs. 3 and 4 the clamp is dispensed with, the toggles being hinged direct to the galley-wall, and the operating-lever is outside of the galley. Screws, cams, or other like means may be substituted for the toggles and lever.

I claim as new and of my invention—

1. The provision upon a printer's chase or galley of a locking-bar or cheek, D, having groove *d*, which contains a rubber gasket, E, for the purpose set forth.

2. As a new article of manufacture, the attachment for printers' chases and galleys, consisting of clamp B, toggles C C', lock-bar D, elastic fillet E, lever H, rods J J', and pivot F G, substantially as set forth.

In testimony of which invention I hereunto set my hand.

BENJAMIN F. CURTIS.

Attest:

GEO. H. KNIGHT,
SAML. S. CARPENTER.