

No. 774,573.

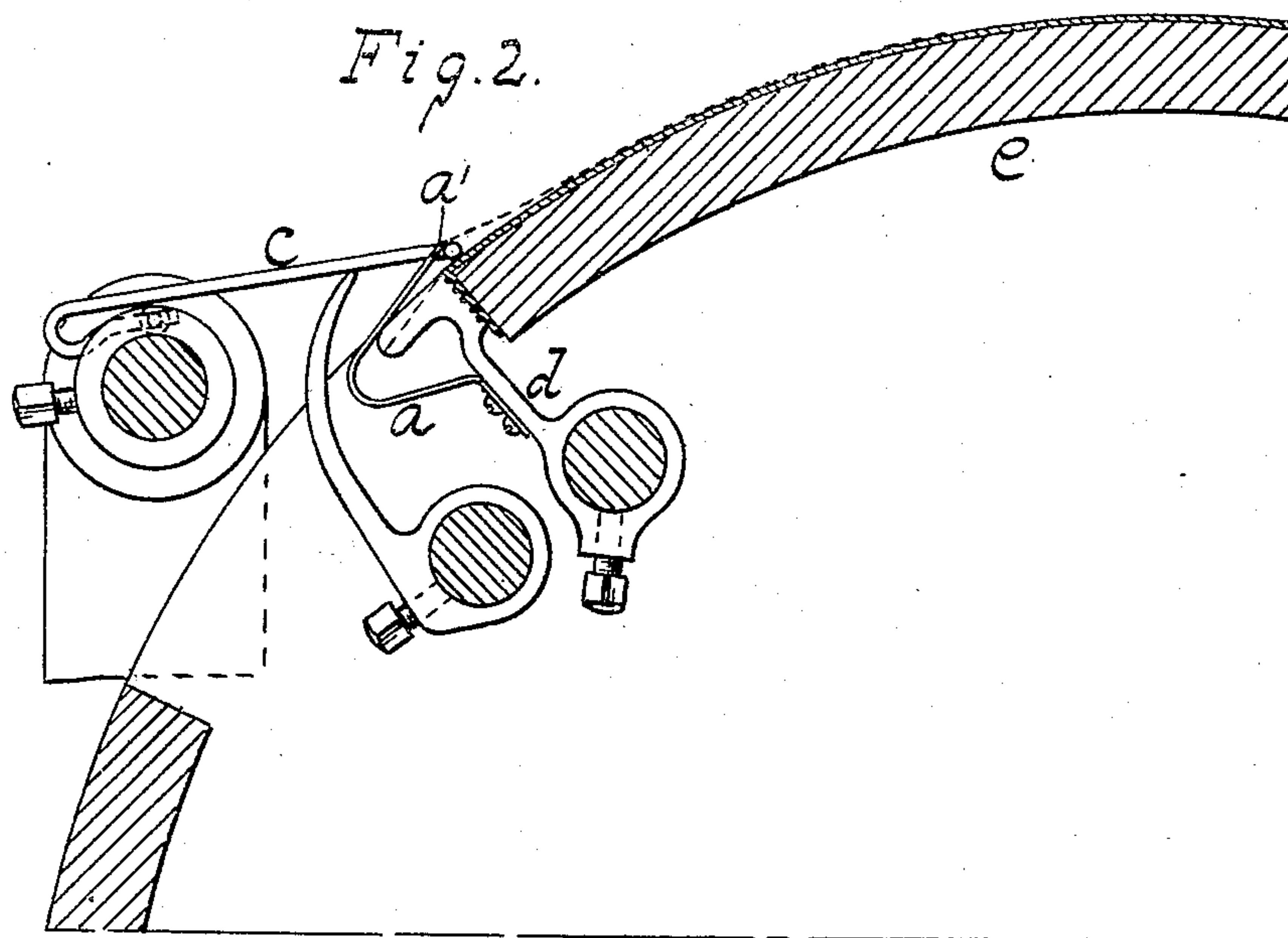
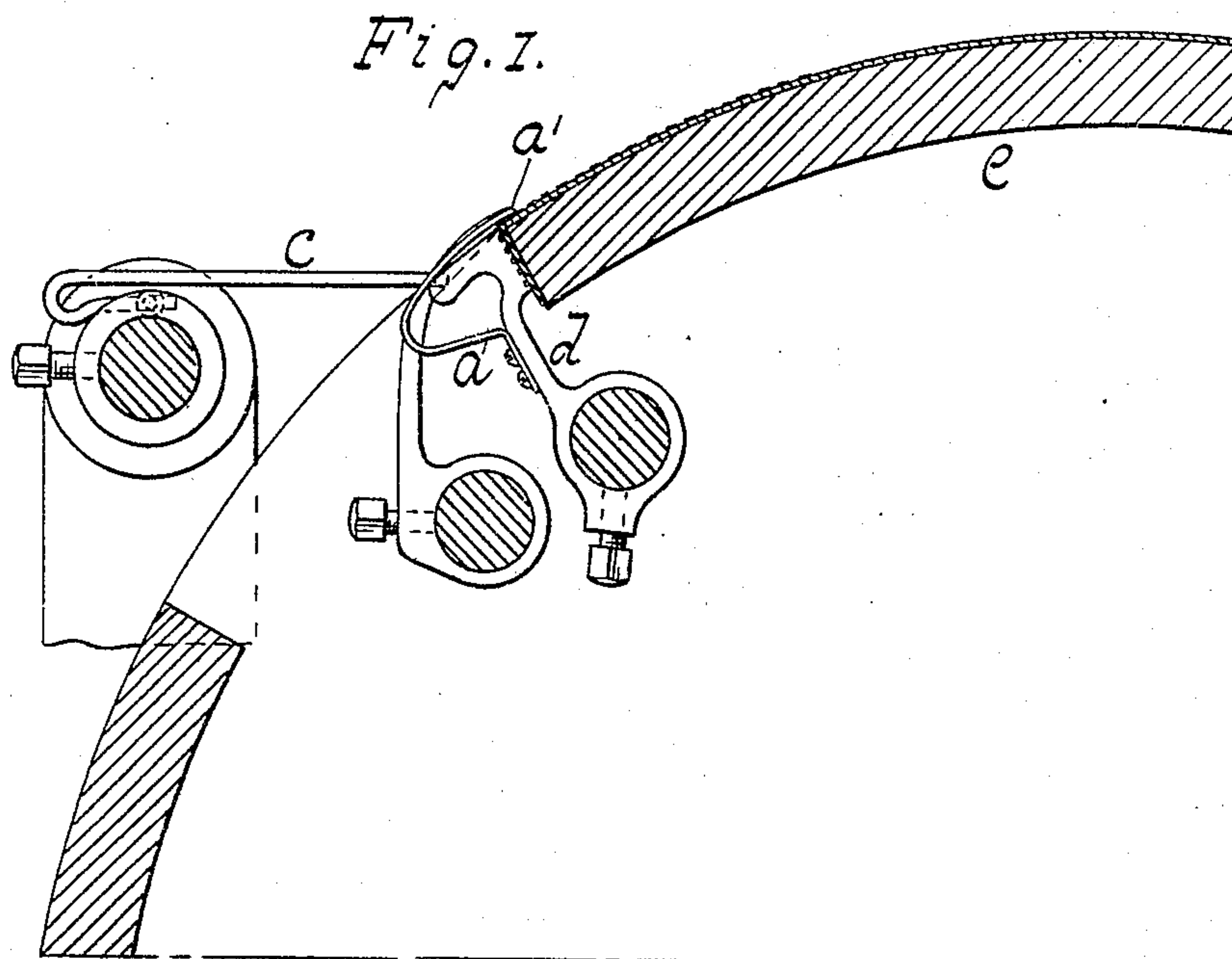
PATENTED NOV. 8, 1904.

G. P. FENNER.
SHEET TRANSFERRING DEVICE FOR PRINTING PRESSES.

APPLICATION FILED MAR. 9, 1904.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

William Miller
George Hulsberg

INVENTOR

George P. Fenner

BY

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ATTORNEY

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NO MODEL.

2 SHEETS—SHEET 2.

Fig. 3.

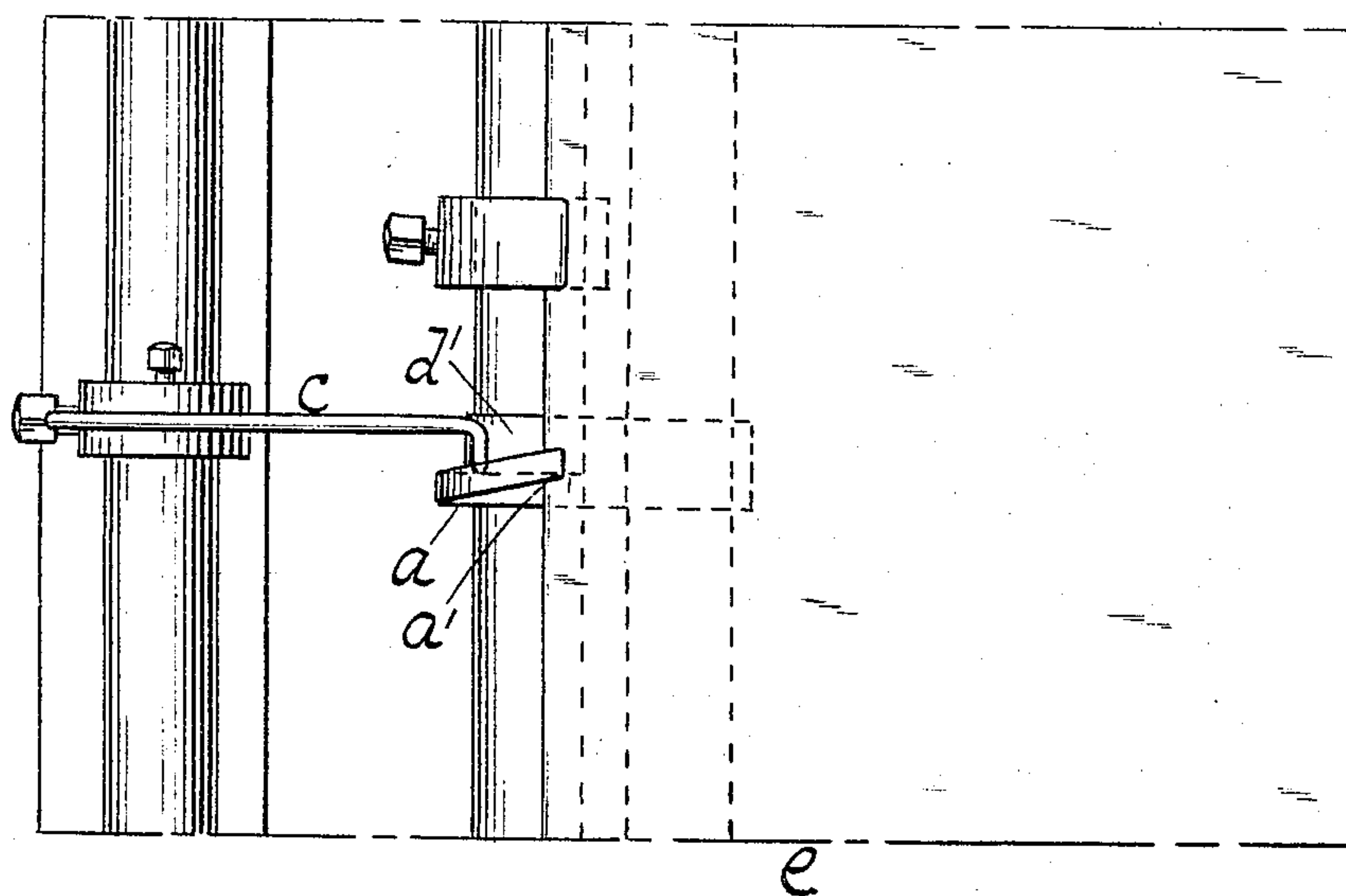
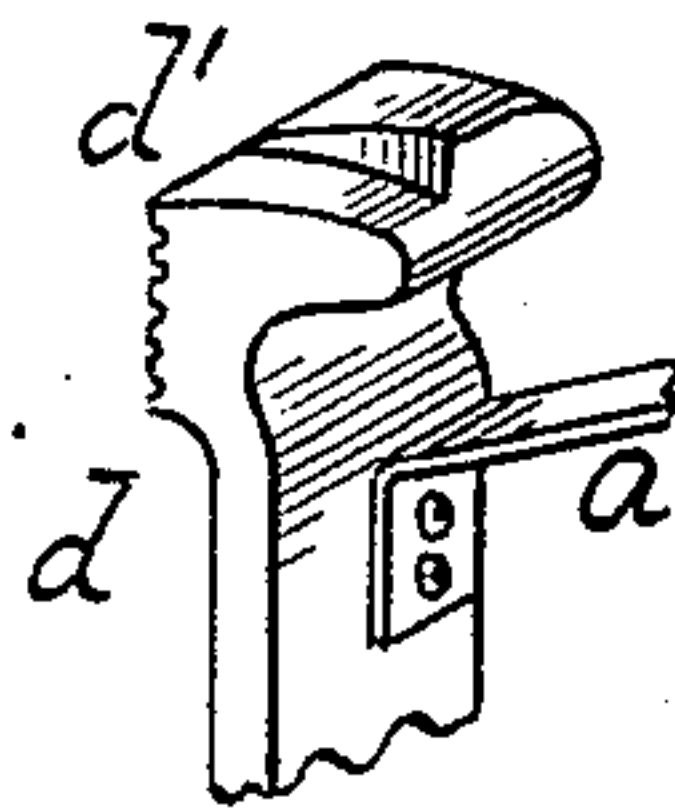


Fig. 4.



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GEORGE P. FENNER, OF NEW LONDON, CONNECTICUT.

SHEET-TRANSFERRING DEVICE FOR PRINTING-PRESSES.

SPECIFICATION forming part of Letters Patent No. 774,573, dated November 8, 1904.

Application filed March 9, 1904. Serial No. 197,234. (No model.)

To all whom it may concern:

Be it known that I, GEORGE P. FENNER, a citizen of the United States, residing at New London, in the county of New London and State of Connecticut, have invented new and useful Improvements in Sheet-Transferring Devices for Printing-Presses, of which the following is a specification.

This invention relates to sheet-transferring devices for printing-presses, and by means thereof the delivery of a sheet is facilitated; and the invention resides in certain features of construction set forth in the following specification and claims and illustrated in the annexed drawings, in which—

Figure 1 is a sectional side elevation of an impression-cylinder and delivery device embodying this invention. Fig. 2 is a view like Fig. 1, showing a sheet about to be taken off the cylinder. Fig. 3 is a plan view of Fig. 1. Fig. 4 is a perspective view of a tympan-clamp.

In the drawings is shown an impression-cylinder *e*.

The letter *d* indicates a tympan-clamp. A spring *a*, such as a thin piece or strip of steel, is secured or fastened to the tympan-clamp. At the top or upper part of the clamp is a rib *d'* at one side of or extended laterally from the clamp. The spring-strip resting on the rib is prevented from being bent down or out of shape. The free end portion of the spring projects over onto the impression-surface, as indicated at *a'*. Such free end portion is bent or extended laterally, as shown.

A wire or delivery finger is shown at *c*. As the spring is carried about by the cylinder the laterally-extended portion of the spring passes onto the delivery-finger. The finger picks up the steel or spring strips, as also the edge portion of the sheet thereon. The sheet can thus be delivered with very small gripper-

hold or without the sheet projecting over the front of the impression edge of the cylinder.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A cylinder having a spring piece or strip made to underlie a sheet thereon and a delivery-finger to pick up the spring and sheet, said finger arranged at one side of the plane of revolution of the spring-piece and having a portion projecting into such plane.

2. A cylinder having a spring-piece adapted to project onto the same, and a delivery-finger arranged outside of the cylinder and adapted to engage the spring to cause a sheet to pass upon the finger.

3. A cylinder, a tympan-clamp, a spring carried by the cylinder and adapted to project thereupon, and a delivery-finger arranged outside the cylinder and adapted to engage the spring causing thereby a sheet to pass upon the finger after the tympan is released.

4. A cylinder having a spring piece or strip having its free end extended or bent laterally, and a delivery-finger over which said free end is made to pass to be lifted together with a sheet or edge lying thereon.

5. A tympan-clamp having a side rib, a spring piece or strip extended onto the rib and a delivery-finger made to engage the spring.

6. An impression-cylinder having a tympan-clamp and an elastic lip made to project onto the impression-surface to hold up a sheet, said lip by its elasticity being made to spring or lie onto the cylinder to underlie the sheet.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

GEORGE P. FENNER.

Witnesses:

E. L. HUDSON,
A. A. SMITH