

F. STEDINGER.
 PLATEN PRINTING PRESS.
 APPLICATION FILED DEC. 4, 1909.

982,892.

Patented Jan. 31, 1911.

Fig. 2.

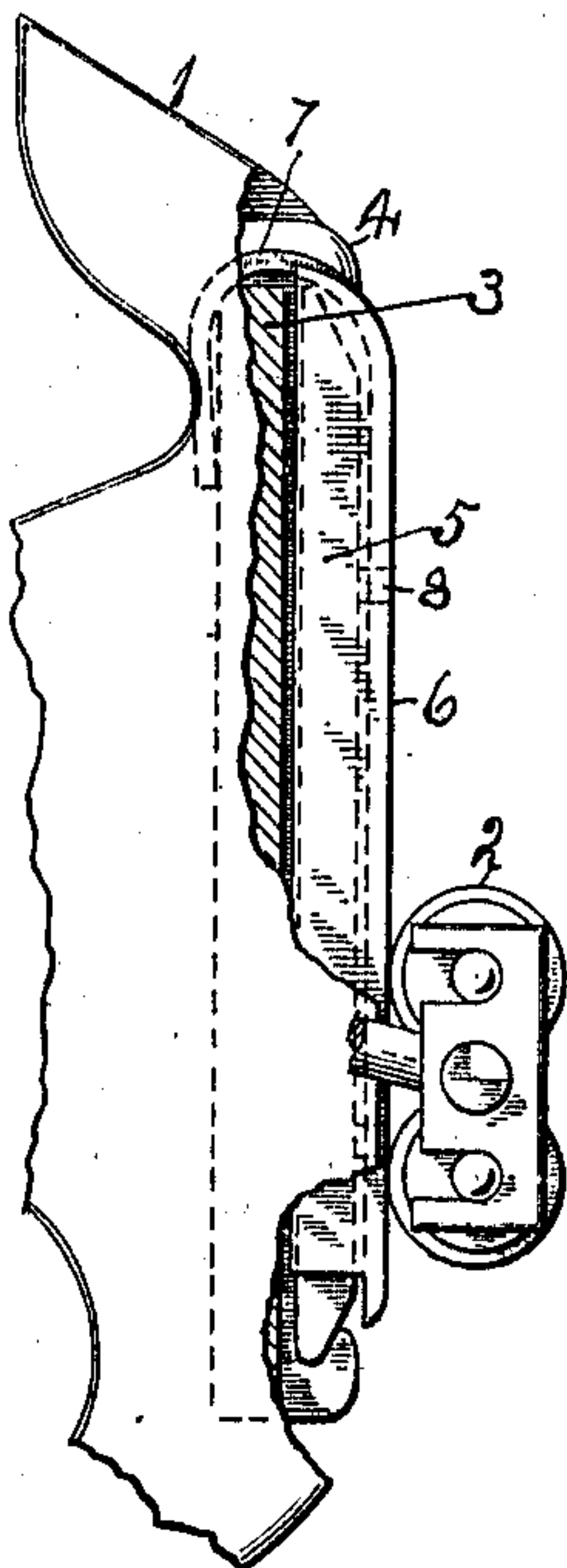


Fig. 1.

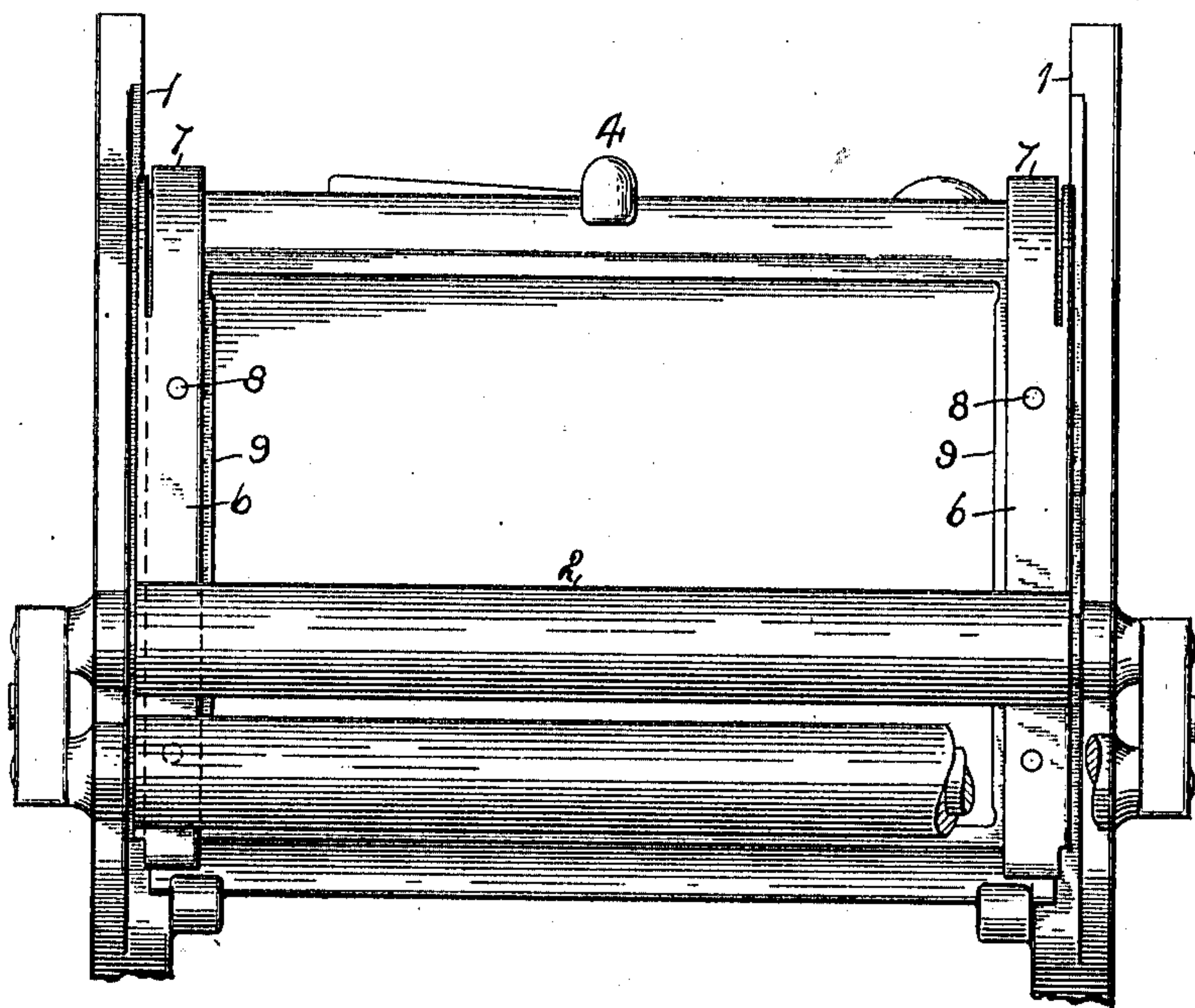


Fig. 3.

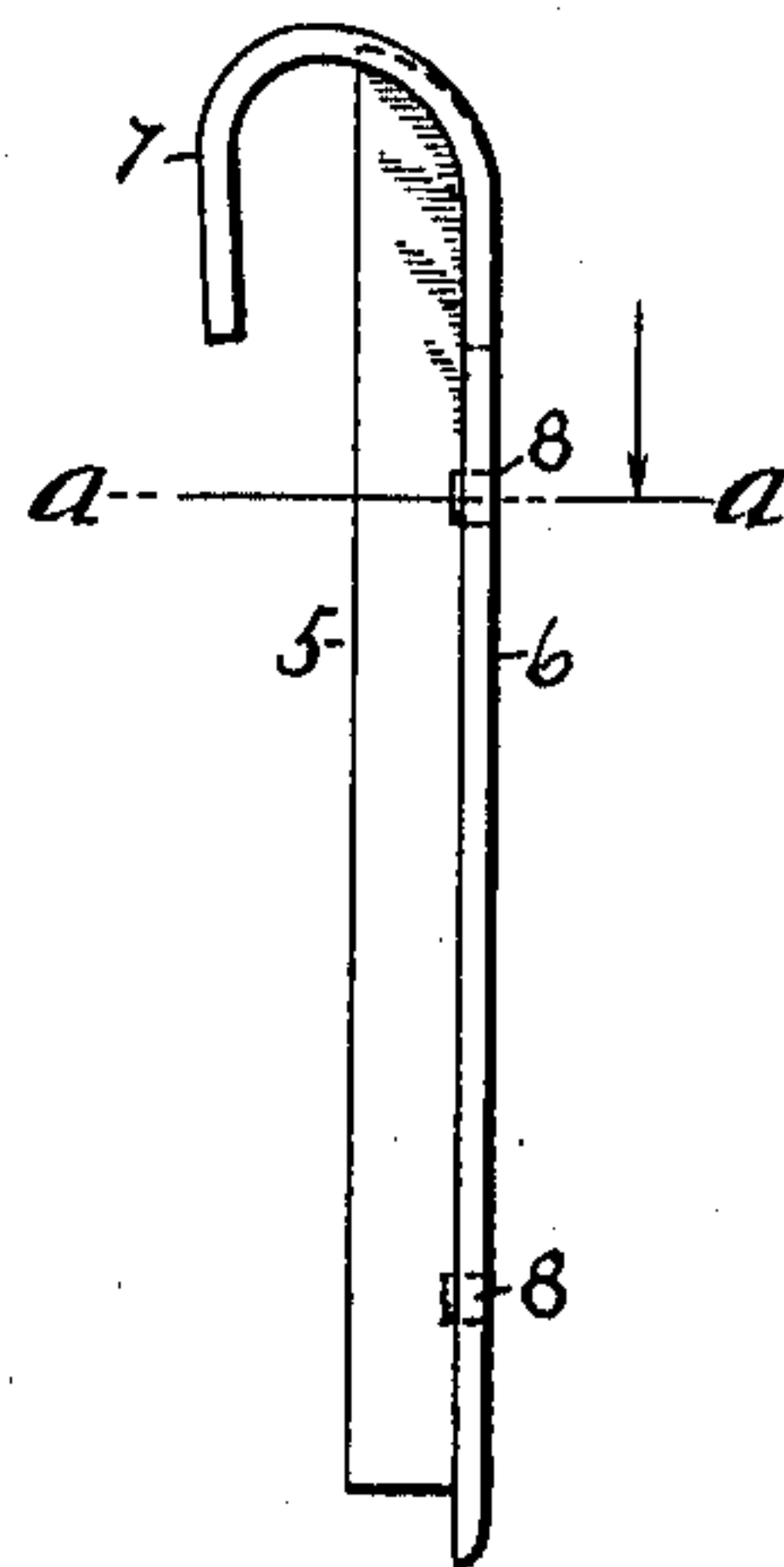
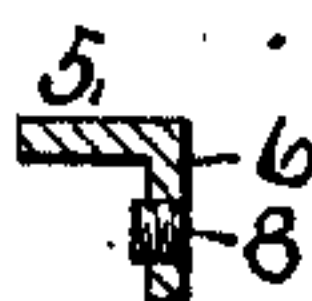


Fig. 4.



Witnesses:

E. Behl.
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UNITED STATES PATENT OFFICE.

FERD STEDINGER, OF ROCKFORD, ILLINOIS.

PLATEN PRINTING-PRESS.

982,892.

Specification of Letters Patent.

Patented Jan. 31, 1911.

Application filed December 4, 1909. Serial No. 531,443.

To all whom it may concern:

Be it known that I, FERD STEDINGER, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Platen Printing-Presses, of which the following is a specification.

The object of this invention is to protect the edges of a form from ink from the rollers as they pass over the form.

The further object of this invention is to protect the inking rollers from being damaged as they pass over the type form and also to allow more space inside the form than with the present methods, also economy of time in the lockup of platen press forms and handling in general.

In the accompanying drawings, Figure 1 is a face representation of the form support with my improvement in place. Fig. 2 is a partial end elevation and section of the same. Fig. 3 is an edge view of the bearer. Fig. 4 is a section on dotted line *a a* Fig. 3.

The printing press shown in the drawings is of a well known construction comprising the form support 1, and rollers 2, and suitable connections between the parts to impart the required movements to the ink rollers. The form support 1 has an upper edging 3 against which the form rests, and the form is held against the support by the catch 4.

In the operation of the ordinary printing press, the inked rollers will contact with the end bars of the form, thereby soiling them, and when the forms are removed from the press, the hands of the pressman will become soiled. In later presses, strips of wood have been placed in the forms adjacent to the end bars and projecting beyond the face of the end bars sufficiently to hold the rollers free of the end bars. The strips reduced the capacity of the form, and two strips had to be employed in connection with each form and remained a part of the form. The only difference between the form without the strips and one with them, is the ink in the first instance was on the end bars of the form, and in the later instance the ink was on the strips adjacent to the end bars, and the hands of the pressman would become soiled in either case.

I propose to employ plates or tracks for the inking rollers detachably supported by the form support which overlies the face of

the end bars of the form thereby receiving the ink and protecting the end bars of the form. These plates are in angle iron form comprising the sides 5 and 6, and one end of the side 6 terminating in a spring hook 7. In use the spring hook 7 is placed in engagement with the upper edging 3 of the form support, and the upper edge of the end bars of the form, the side 6 of the plates will lie in contact with the face of the end bars of the form and the side 5 will rest against the outer edges of the end bars of the form, thereby holding the plates from lateral displacement. The side 6 supports two screws 8 which will rest against the end bar 9 of the form, and can be adjusted so that the roller will touch the type lightly thereby increasing the life of the rollers. The inked rollers will roll in contact with the side 6 of the plates and said sides will receive the ink that otherwise would be received by the end bars of the form. Only two of these plates are necessary for each press irrespective of the number of forms that may be locked up waiting for the press. The plates do not overlap the open space of the form thereby leaving the full opening of the form for the type.

I claim as my invention—

1. In a printing press, the combination with a form support and an inking roller movable thereover, of a track for the roller comprising an angle iron, one flange of which is extended and bent into the form of a hook that detachably engages the form support.

2. In a printing press, the combination with a form support and an inking roller movable thereover, of a track for the roller detachably mounted on the support, and means adjustably mounted on and carried by the track and having portions loosely bearing against the support for holding said track in different relations with respect to the form.

3. A protector for the forms of printing presses, comprising an inking roller-engaging track, means carried by one end thereof for mounting the same on a form support, and means adjustably mounted on the track and arranged to engage against the form support for adjusting said track with respect to the form support.

4. A protector for the forms of printing presses, comprising an inking roller-engaging track formed of angle iron, one of the

flanges being extended beyond the other and bent into a yielding form support engaging hook; and adjusting screws threaded through one of the flanges and arranged to bear at
5 their inner ends against the form support for adjustably positioning the track with respect to said support.

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

FERD STEDINGER.

Witnesses:

A. O. BEHEL,

E. D. E. N. BETHEL.