

No. 846,630.

PATENTED MAR. 12, 1907.

LA ROY E. TAIT.

FEED GAGE.

APPLICATION FILED DEC. 6, 1905.

Fig. 1.

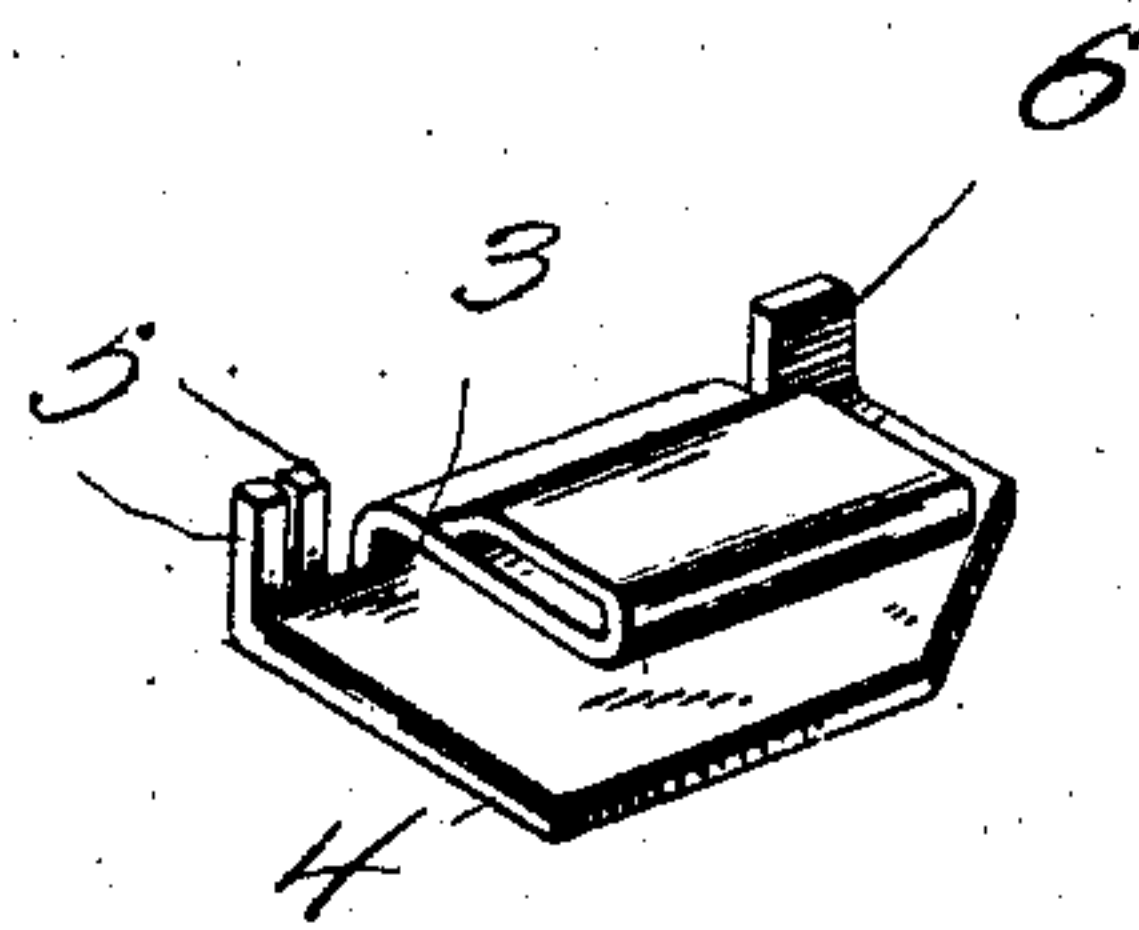
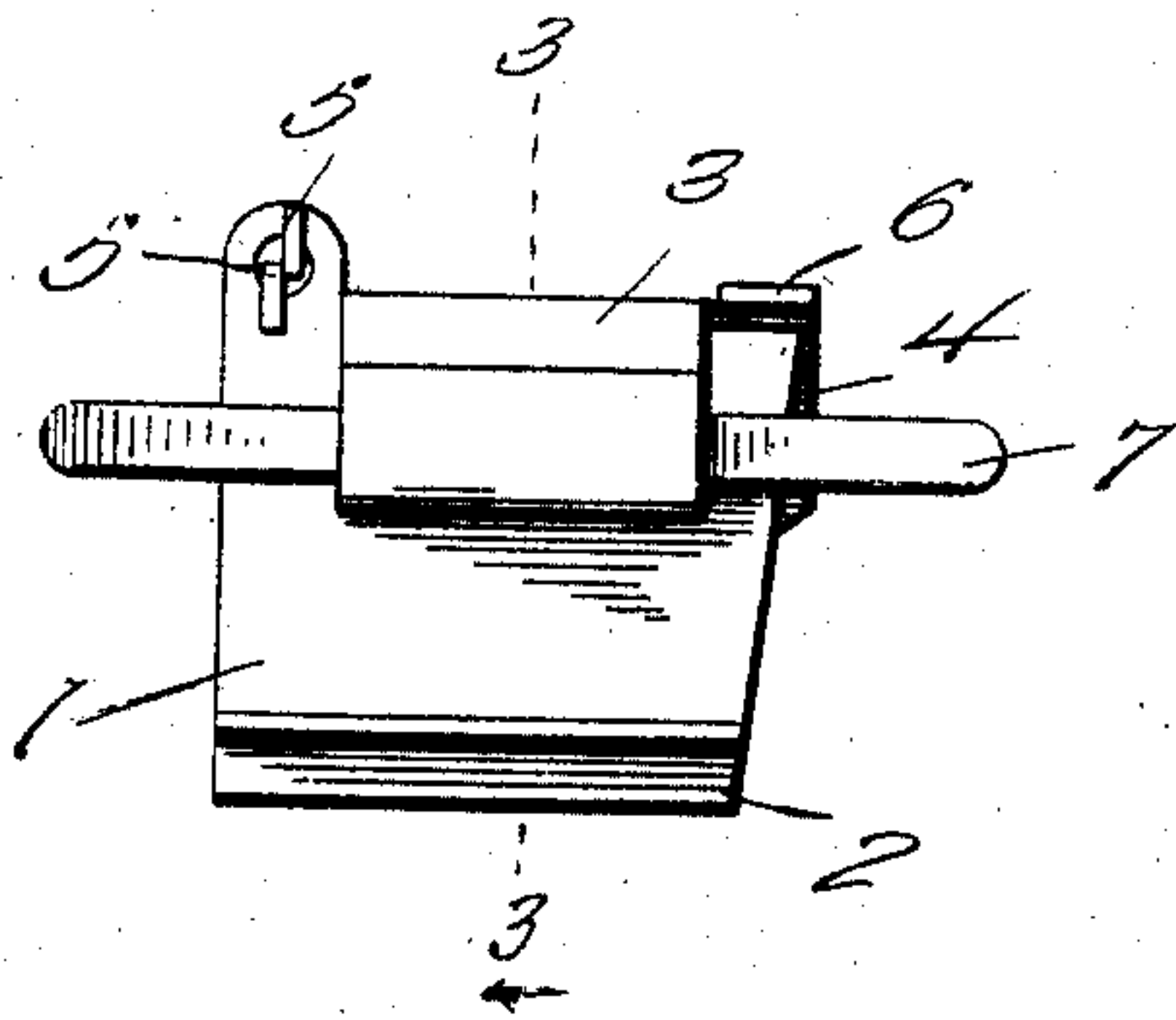
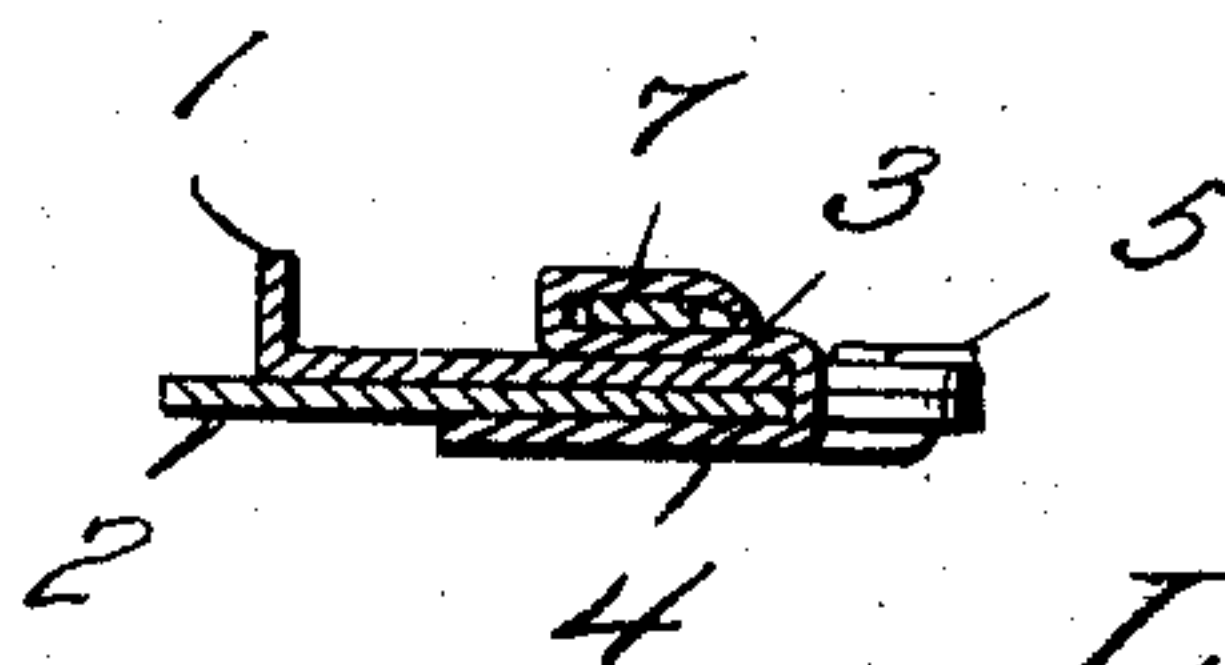


Fig. 2.

Fig. 3.



Witnesses

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LA ROY E. TAIT, OF RED CLOUD, NEBRASKA.

FEED-GAGE.

No. 846,630.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed December 5, 1905. Serial No. 290,386.

To all whom it may concern:

Be it known that I, LA ROY E. TAIT, a citizen of the United States, residing at Red Cloud, in the county of Webster and State of Nebraska, have invented a new and useful Feed-Gage; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to improvements in clamps for feed-gages for printing-presses, and has for its object to provide a clamp of this character exceedingly simple, inexpensive, and durable.

A further object of the invention is to provide a device of this character which can be readily applied to a tympan-sheet with ease and which can be readily and quickly removed therefrom.

With these and other objects in view the invention consists in the construction and arrangement of parts hereinafter described and shown, and particularly pointed out in the appended claims.

In the drawing forming part of this specification and in which like numerals of reference designate corresponding parts, Figure 1 is a plan view of a feed-gage clamp shown applied. Fig. 2 is a perspective view. Fig. 3 is a transverse sectional view taken on line 3 3 of Fig. 1.

Referring to the drawing, 1 and 2 designate the upper and lower members of a feed-gage, said members being adapted to receive a tympan-sheet between them and are clamped together by means of my hereinafter-described clamp.

The clamp is composed of sheet metal or other suitable material and consists of upper and lower members 3 and 4, formed by bending said metal substantially upon itself. A pair of small pivot-rods 5 are also formed integral with said clamp and are adapted to pass through the eye of the members 1 and 2, thereby pivoting the clamp to the said members. The pivot-rods 5 are bent in opposite directions when they are passed through the eye. Also formed integral with the clamp is

an upwardly-projecting lug 6, against which the paper is fed to the printing-press. The upper member 3 of said clamp is also bent upon itself to provide a support for a tongue 7, under which paper is fed to the press. In practice two of these devices will usually be applied to a tympan-sheet at the side, so as to insure uniformity of work; but where the sheet to be printed is small one will suffice. The function of the tongue 7 is to prevent the printed sheet from being drawn after the form by suction after the impression has been made.

It will be seen that the clamp is very simple and efficient and that, if desired, it may be readily removed from the members 1 and 2 and a new clamp substituted therefor, and by having the lug and the tongue connected with the clamp the entire device is greatly simplified and the cost of the same reduced to a minimum.

To apply the device, a cut is made in the tympan-sheet, and it is passed between members 1 and 2, and the clamp is then forced upon them, clamping them to said tympan-sheet.

What I claim is—

1. A feed-gage, comprising upper and lower members, said members being adapted to receive a tympan-sheet between them, a sheet-metal clamp bent upon itself having upper and lower members, and adapted to receive said first-named members between them, the upper member of said clamp being also bent upon itself and having a tongue mounted therein, substantially as described.

2. A feed-gage, composed of upper and lower members, and having an aperture, a clamp having a pair of integral pivot-rods, adapted to pass through said aperture, and capable of being bent in opposite directions, substantially as described.

In testimony whereof I have hereto affixed my signature in the presence of two witnesses.

LA ROY E. TAIT.

Witnesses:

J. W. AULD.

FRED H. TEMPLE.