

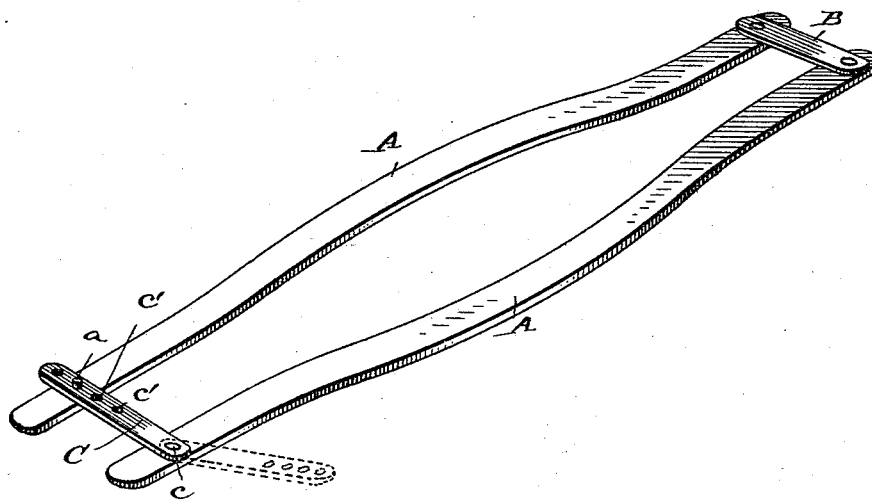
(No Model.)

M. V. B. BEAN.

CLINCHING PLATE FOR PAD PRESSES.

No. 457,697.

Patented Aug. 11, 1891.



WITNESSES:

W. R. Davis,
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INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

MARTIN V. B. BEAN, OF LANESBOROUGH, MINNESOTA.

CLINCHING-PLATE FOR PAD-PRESSES.

SPECIFICATION forming part of Letters Patent No. 457,697, dated August 11, 1891.

Application filed February 24, 1891. Serial No. 382,455. (No model.)

To all whom it may concern:

Be it known that I, MARTIN V. B. BEAN, of Lanesborough, in the county of Fillmore and State of Minnesota, have invented certain
5 new and useful Improvements in Clinching-Plates for Pad-Presses, of which the following is a full, clear, and exact description.

My invention relates to improvements in that class of clinching-plates which are used
10 in connection with pad-presses in which harness saddle-pads are made; and the object of the invention is to provide clinching-plates which may be quickly adjusted and held in place within the saddle-pad, so that the rivets
15 which are used to fasten the pad-linings together may be clinched.

My invention is especially intended for use in connection with pad-presses of the kind described in my application for Letters Patent
20 of the United States, filed December 10, 1890, and numbered 374,124.

To this end my invention consists of a pair of oppositely-curved plates pivotally connected at the ends and having means at one
25 end for lateral adjustment. This construction will be hereinafter fully described, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification,
30 in which the figure is a perspective view of the device.

The plates A, which form the body of the device, are curved outwardly and oppositely at the center, and are pivotally connected at
35 one end by means of a link B, which link approximates in length to the width of an ordinary saddle-pad. The opposite ends of the plates A are connected by means of a link C, which link is pivoted to one of the plates, as

shown at c, and is provided with a series of
40 holes c' near its free end, which holes are adapted to receive a stud a on the opposite plate. It will thus be seen that the plates may be moved nearer together or farther apart, as desired, and that by means of the
45 link C and stud a they may be held in a definite position in relation to each other.

The clinching-plates are made of flexible material and are shaped to correspond to the shape of a pad, and when they are to be used
50 they are placed within the pad and pressed apart by means of the link C, so that they will fill the pad, and the rivets or tacks with which the pad-linings are fastened are then driven in the usual manner and clinched upon
55 the plates.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A clinching device adapted to be inserted
60 within a harness-saddle pad and consisting in two thin plates A A, lying flatwise in the same plane, pivotally connected at their inner ends by means of a link and connected at their outer ends by a link having adjust-
65 ing means, substantially as set forth.

2. The combination, with the curved flexible plates pivotally connected at one end by a link, of a cross-link pivoted at one end to one of the plates and provided with a series
70 of perforations to receive a stud on the opposite plate, substantially as shown and described.

MARTIN V. B. BEAN.

Witnesses:

P. A. MCKAY,
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