

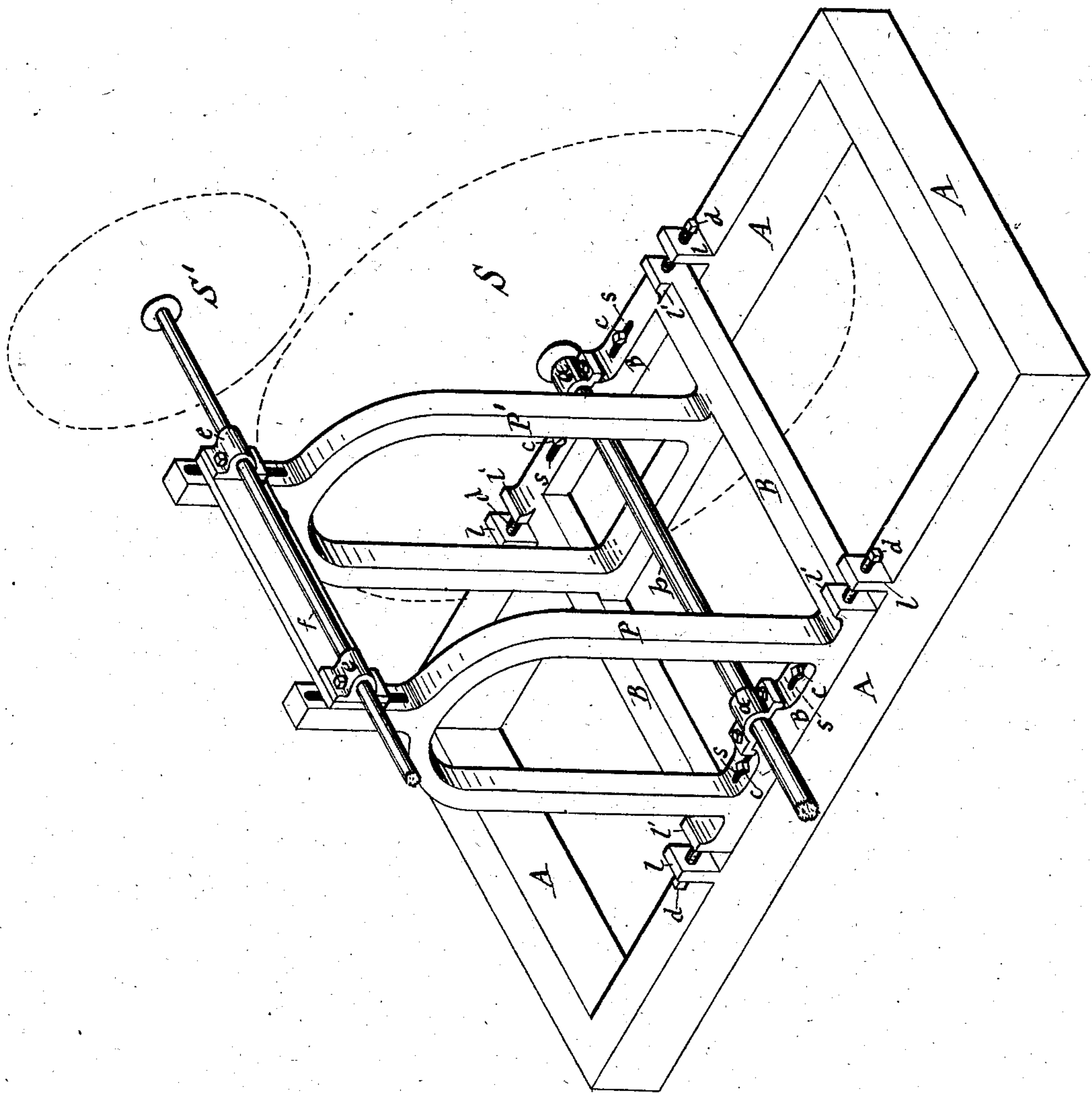
(No Model.)

T. L. CARLEY.

SAW FRAME FOR CIRCULAR SAW MILLS.

No. 290,174.

Patented Dec. 11, 1883.



WITNESSES—
CORN C. Raymond
J. H. Gibbs

INVENTOR—
Timothy L. Carley
per Ouellet, Lussier & Co.
his Atty—

UNITED STATES PATENT OFFICE.

TIMOTHY L. CARLEY, OF SYRACUSE, NEW YORK, ASSIGNOR OF ONE-HALF
TO LOUIS F. POWELL, OF SAME PLACE.

SAW-FRAME FOR CIRCULAR-SAW MILLS.

SPECIFICATION forming part of Letters Patent No. 290,174, dated December 11, 1883.

Application filed June 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, TIMOTHY L. CARLEY, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and
5 useful Improvements in Saw-Mills, of which the following, taken in connection with the accompanying drawing, is a full, clear, and exact description.

This invention relates to the mill-frame
10 which supports the two saw-arbors of a double circular-saw mill.

The object of the invention is to provide simple, convenient, and reliable means for simultaneously adjusting two arbors, so as to
15 give the two saws more or less lead, and at the same time maintain them in parallelism.

The annexed drawing represents an isometric view of my invention, in which A denotes the stationary bed, which is firmly secured in
20 its position by any suitable and well-known means. Upon this bed I mount, movably, a horizontal frame or yoke, B, which reaches across the bed and is provided with bearings
25 a a, for the arbor b of the main or lower saw, S. This yoke I secure adjustably in its position by means of set-screws d d, which either work in lugs l l, fixed to the bed, and bear
30 against the sides of the yoke, or, conversely, work in lugs l' l' on the yoke and abut against the lugs l l on the bed. By turning the afore-
said set-screws the yoke B, with the arbor b, can be shifted to give the saw S more or less lead, as may be required.

It is obvious that wedges or cams, or eccen-
35 trics or other analogous devices can be employed in lieu of the set-screws d d, and I therefore do not limit myself in that respect. The yoke can be further secured in its required position by bolts c c, passing through slots s s
40 in the yoke and into the bed A, as shown.

P P' are pedestals or standards, which are rigidly attached to or integral with the yoke B, and are therefore caused to move synchro-

nously with the adjustment of the yoke, the pedestals being provided with the usual bear- 45
ings, e e, for the arbor f of the top saw, S', and thus causing the latter to be adjusted simultaneously with the lower saw, and maintained in parallelism with the same.

Aside from the already-recited advantages 50
derived from my invention, it will be observed that I dispense with the extra longitudinal sill, which heretofore was used between the two outer beams of the bed A for supporting the pedestal P'. 55

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

1. In combination with the stationary bed, a yoke mounted movably on said bed and 60
provided with bearings for the arbor of the lower saw, pedestals rigidly attached to the yoke and provided with bearings for the arbor of the upper saw, and an adjustable fastening for securing the yoke in its position on the 65
bed, substantially as shown and set forth.

2. In combination with the stationary bed, a yoke mounted movably thereon and provided with bearings for the arbor of the lower 70
saw, pedestals made integral with the yoke and provided with bearings for the arbor of the upper saw, lugs or shoulders fixed to the bed, and set-screws, or their equivalent, arranged between said lugs and yoke, substan-
tially as described and shown, for the purpose 75
specified.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State 80
of New York, this 22d day of June, 1883.

TIMOTHY L. CARLEY. [L. S.]

Witnesses:

FREDERICK H. GIBBS,
WM. C. RAYMOND.