

(No Model.)

H. PETER.

SAW SET.

No. 413,089.

Patented Oct. 15, 1889.

Fig. 1.

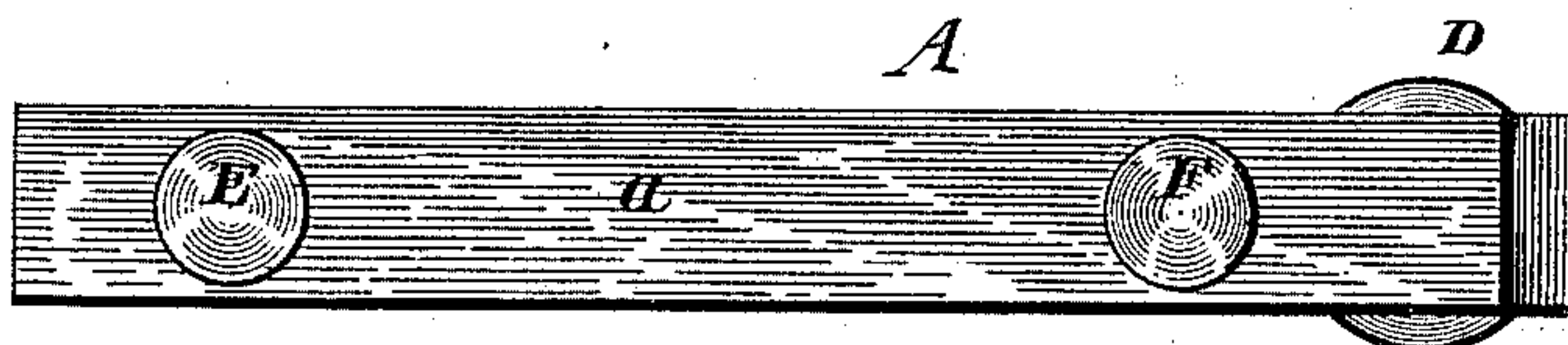
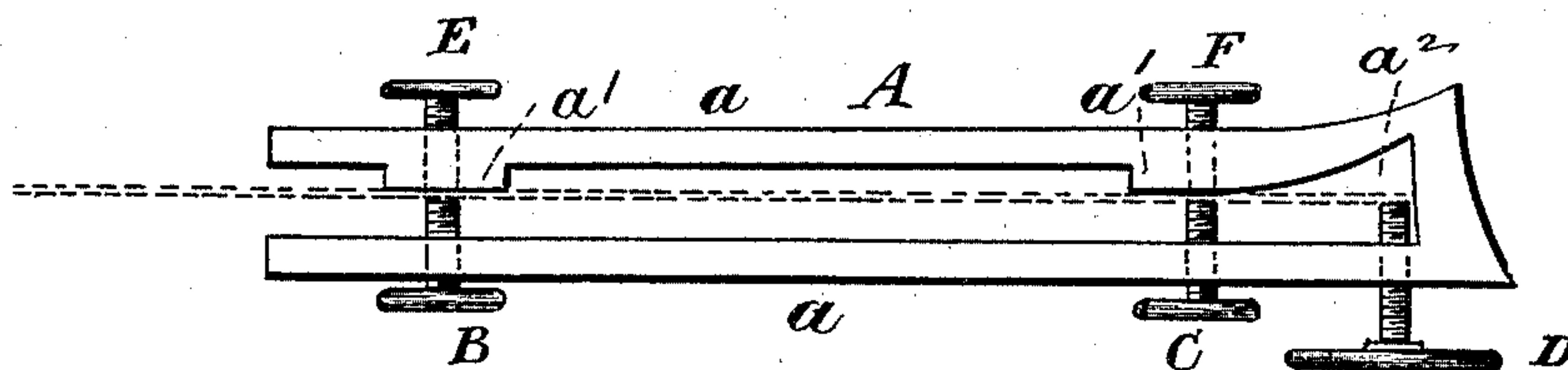


Fig. 2.



Witnesses.
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SAW-SET.

SPECIFICATION forming part of Letters Patent No. 413,089, dated October 15, 1889.

Application filed July 13, 1889. Serial No. 317,385. (No model.)

To all whom it may concern:

Be it known that I, HENRY PETER, a citizen of the United States, residing at Houston, in the county of Harris and State of Texas, have
5 invented certain new and useful Improvements in Saw-Sets; and I do 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 apper-
10 tains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The special object of my invention is to
15 set saw-teeth in a new and efficient manner without the use of a lever. The means which I employ for this purpose will first be described in connection with the drawings, and then pointed out in the claims.

20 Figure 1 of the drawings is a plan view, and Fig. 2 a side elevation.

In the drawings, A represents the saw-set as an entirety, which consists, essentially, of an iron or metallic frame and three screws.
25 The frame is provided with two arms a , two bearings a' for the blade, and the recess a^2 , the latter conforming in shape to the desired set of the tooth.

B C are guide-screws, which are not screwed
30 up perfectly tight, but only so much as to allow the set A to be slid back and forth on the blade.

The saw is held in a vise while the blade is brought within the parallel arms a and between the bearings a' and the screws B
35 C. Then the setting-screw D is turned inwardly against the tooth until the latter is pushed out to the desired extent.

In order to regulate the set variably, I use, instead of the bearings a' , against which
40 the blade rests, two screws E F, which will increase the set by being turned inwardly or decrease it by a reverse movement.

Having thus described all that is necessary to a full understanding of my invention, what
45 I claim as new, and desire to protect by Letters Patent, is—

1. A saw-set consisting of the frame A, having the arms a , blade-bearings a' , setting-recess a^2 , and the three screws B C D,
50 all arranged substantially as shown and described.

2. The combination, with the frame A and screws B C D, of the screws E F, for regulating the degree of the set to be given to the
55 teeth, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY PETER.

Witnesses:

JOHN TOMFOHRDE,
THOS. HEDGEcock.