

W B Noyes

Saw Jointer

No. 75188

Patented Mar. 3. 1868

Fig. 3

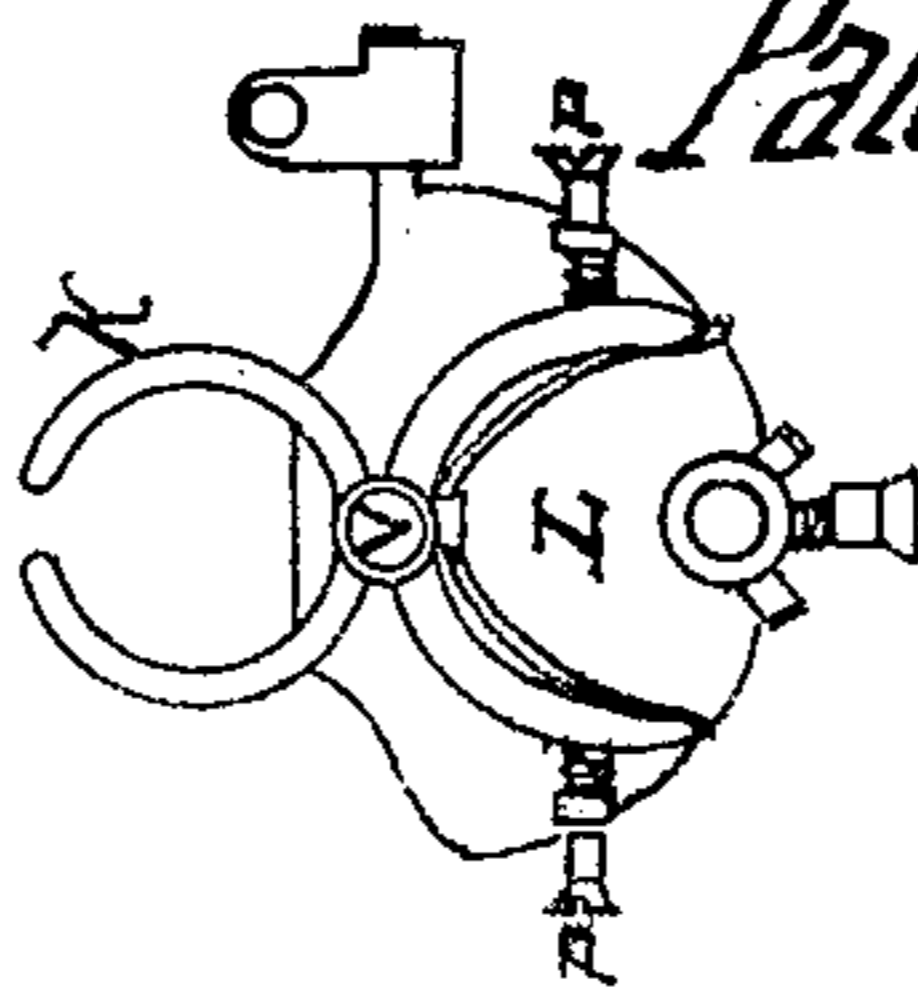
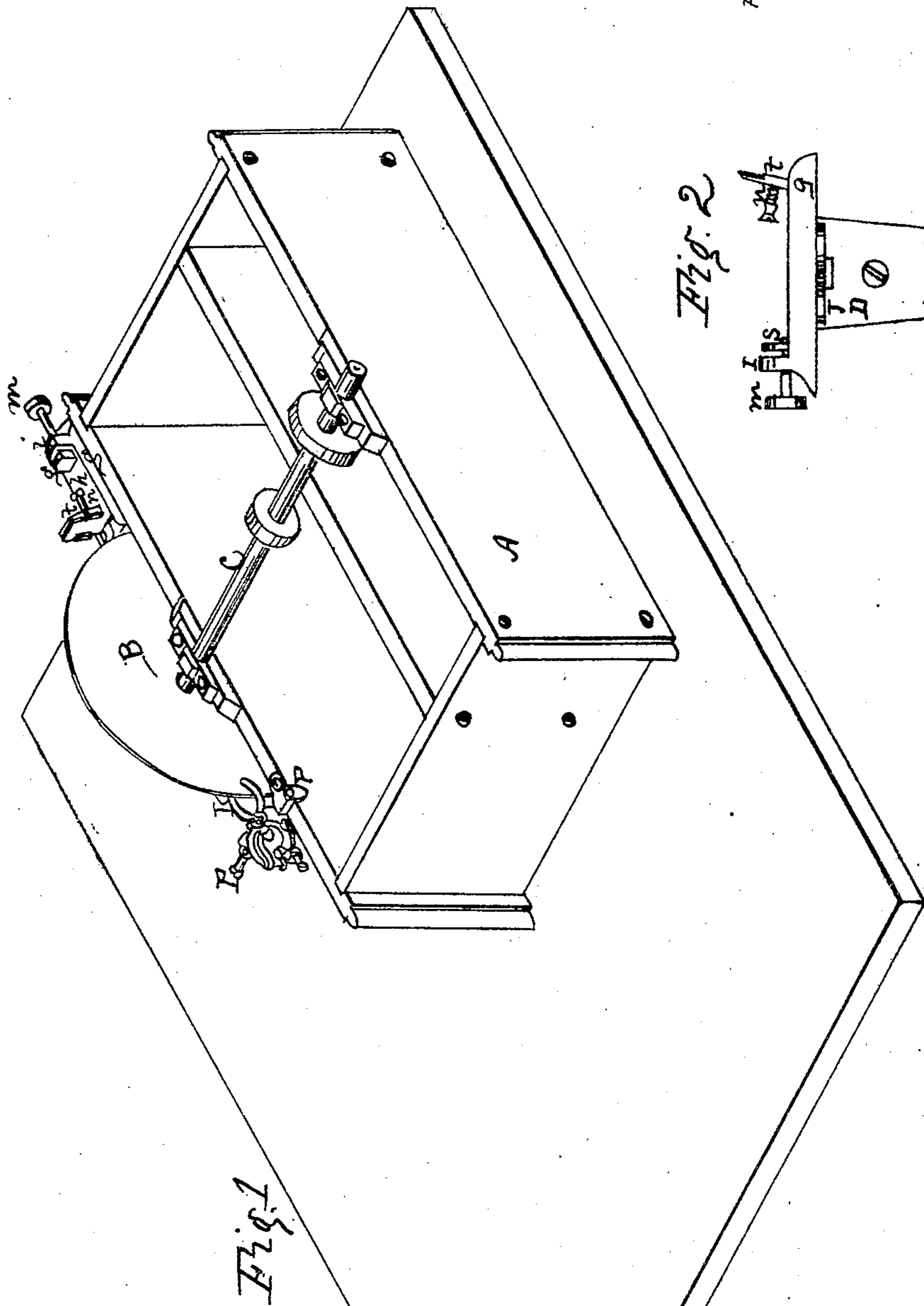
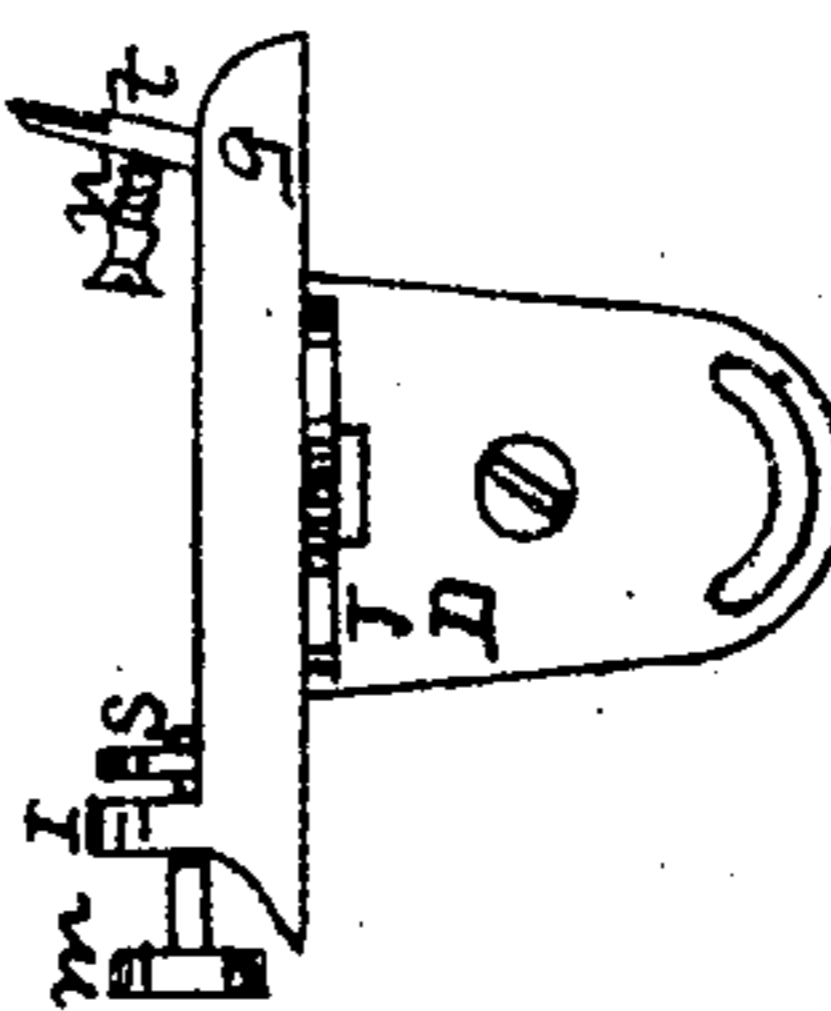


Fig. 2



Witnesses Jno A Ellis
J W Whister

Inventor { W. B. Noyes
Per J. W. Whister atty

United States Patent Office.

WALTER B. NOYES, OF DORCHESTER, NEW HAMPSHIRE.

Letters Patent No. 75,188, dated March 3, 1868.

IMPROVEMENT IN SAW-JOINTER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WALTER B. NOYES, of Dorchester, in the county of Grafton, and State of New Hampshire, have invented certain new and useful Improvements in Saw-Guides and Jointers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 represents a perspective view of my invention.

Figure 2 is a plan view of the jointer.

Figure 3 is a plan view of the clutch.

The letter A designates the saw-frame, B represents the saw, and C the shaft on which the saw is fastened. D represents an arm of the jointer-bed, which may be permanently fastened to the carriage, in the manner shown in fig. 1, the said arm D being bent outwards at right angles, to form a bed, *j*, for the jointer *g*. The jointer *g* has a longitudinal groove in its upper surface, to receive the slide *h*, (see fig. 1,) and is furnished at one end with projections *s*, and at the other end with sheath *t*, which is designed to hold the file used for regulating the saw-teeth. When the file is in position it will be held firmly by screw *n*. In order to move the slide *h* near to or further from the saw, the jointer is formed with the shoulder *i*, through which the screw *n* is made to pass, the end of said screw operating on projection *s* on slide *h*. *k* represents a clutch, which is designed to control the vibration of the saw when said saw is under the action of the file, and having performed this office can be removed. The clutch *k* is placed on the horizontal metal plate L, and works on the pivot V, the said clutch being regulated in reference to the saw by the screws P P.

The operation of my invention is simple, and consists, first, in adjusting the clutch *k* so as to control the vibration of the saw, and secondly, in bringing the file in sheath in contact with the points of the longest teeth, and then, by operating the screw *m*, as the longest teeth are successively cut off, the teeth are reduced to the required standard.

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

The jointer *g*, constructed and operating as and for the purpose set forth.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

Witnesses:

D. C. CHURCHILL,
JEDUTHUN TAYLOR.

WALTER B. NOYES.