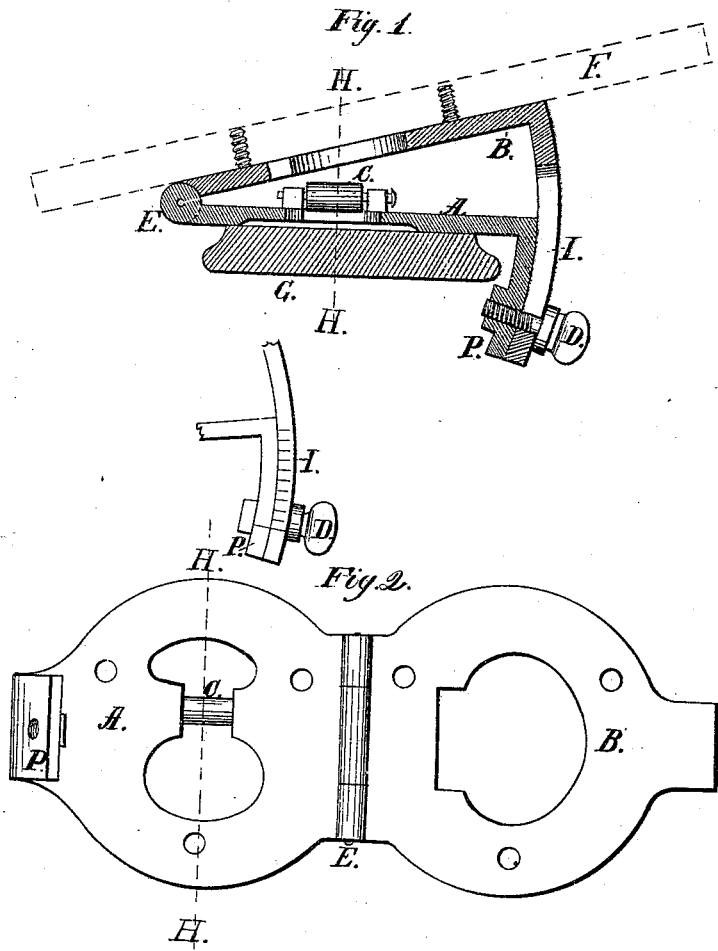


F. J. BETTS

TABLES FOR SAWING-MACHINES.

No. 180,412.

Patented Aug. 1, 1876.



*Attest:*  
H. N. Win and  
Oswin Goodfellow

*Inventor:*  
Frank J. Betts

# UNITED STATES PATENT OFFICE.

FRANK J. BETTS, OF LONG ISLAND CITY, NEW YORK.

## IMPROVEMENT IN TABLES FOR SAWING-MACHINES.

Specification forming part of Letters Patent No. **180,412**, dated August 1, 1876; application filed January 22, 1876.

*To all whom it may concern:*

Be it known that I, FRANK J. BETTS, of Long Island City, county of Queens, State of New York, have invented a new and useful Improvement in Tables for Sawing-Machines and supporting the saw-blade, which improvement is set forth in the annexed specification, reference being had to the accompanying drawings.

The object of my invention is to bevel the tables of scroll-sawing machines at the requisite angle for inlaid work, and for bevel-sawing or other purposes, by means of a hinge attached to the tables thereof, as represented in Figures 1 and 2, and is particularly adapted to the "Fleetwood machine," without making changes in its construction, as well as to other machines now in use.

Fig. 1 represents the hinge opened at a working angle, and attached to the table-top F by its upper half B, while the lower half A

is attached to another portion of the sawing-machine, as at G. Upon this lower half A are two lugs, between which a steel pinion, C, revolves, and supports the saw-blade H H in line, and prevents it from bowing when the work is being pressed against it, but it may be dispensed with in light work. D is a thumb-screw, passing through parts of the hinge A B, as at I and P, for securing the table-top at the required angle. E is the hinge-pin.

Fig. 2 shows the hinge opened; and similar letters refer to similar parts in Fig. 1.

I claim as my invention—

The above-described attachment for beveling saw-tables, in combination with a revolving saw-support, substantially as and for the purposes set forth.

FRANK J. BETTS.

Witnesses:

H. N. WINANS,  
EDWIN GOODFELLOW.