

T. EMERY.  
GANG-SAW GAGE.

No. 191,799.

Patented June 12, 1877.

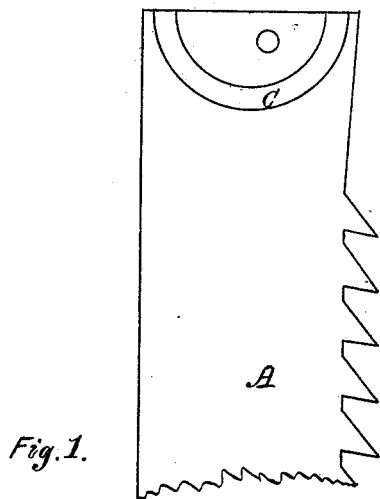


Fig. 1.

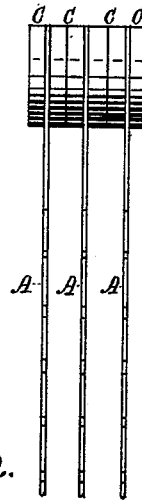
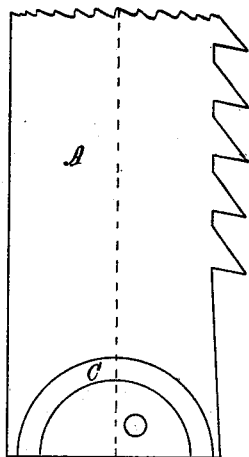
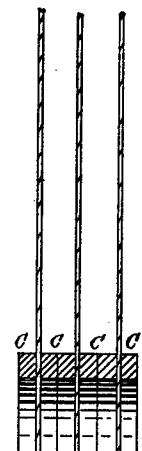


Fig. 2.



Witnesses.  
*N. H. Sherburne*  
*N. Cowles.*

Inventor:  
*Timple Emery*  
*By Emery & Sherburne*  
*Atty*

# UNITED STATES PATENT OFFICE.

TEMPLE EMERY, OF PESHTIGO, WISCONSIN.

## IMPROVEMENT IN GANG-SAW GAGES.

Specification forming part of Letters Patent No. **191,799**, dated June 12, 1877; application filed September 21, 1876.

*To all whom it may concern:*

Be it known that I, TEMPLE EMERY, of Peshtigo, in the county of Oconto and State of Wisconsin, have invented certain new and useful Improvements in Gang-Saw Gages; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 represents a side elevation of a saw with my improved gage attached thereto, and Fig. 2 represents an edge view of the same.

Like letters of reference indicate like parts.

The object of my invention is to provide a means for securing the saws in a firm position and parallel with each other, and to render the removal and readjusting of the saws easy and convenient.

To that end my invention consists in permanently attaching gage-plates to one or both sides of the saws immediately below the hangers at the top of the saws, and directly above the hooks at the bottom of the saws, as is hereinafter more fully described.

In the drawing, A A represent the saws, which are secured within the gaging-gate or frame in the usual manner. C C are the gage-plates, which are made of any suitable metal,

and in a circular form, as shown in Fig. 1, and are permanently secured to the saws, respectively, upon one or both sides, and at each end.

The thickness of the gage-plates, when arranged upon both sides of the saws, must be equal to one-half of the thickness of the lumber designed to be cut, and are so located on the saws as to rest against each other at each end of the saws.

When the gage-plates are arranged only upon one side of the saws, they must be made equal in thickness to the thickness of the lumber designed to be cut.

The arrangement of the gage-plates is such as to strengthen the ends of the saws, and to allow the straps connecting the saws to the gang gate or frame to be attached to the end of the saws, and so as to admit of firmly holding the saws sidewise by means of set-screws bearing against the gage-plates.

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

The saw-gages C and C, attached to the saw in the manner and for the purpose set forth.

TEMPLE EMERY.

Witnesses:

E. D. ELLIS,  
W. A. ELLIS.