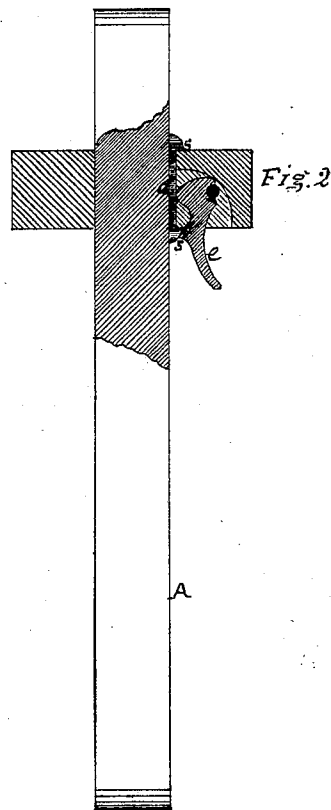
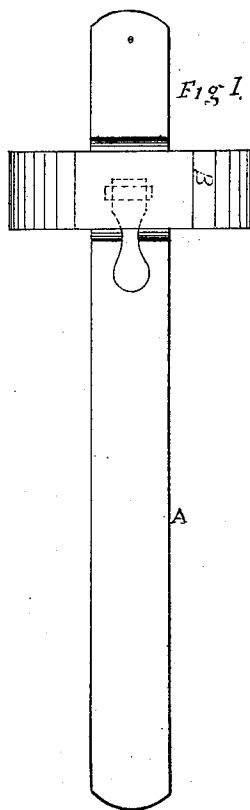


H. P. Sisson,

Gage.

No. 110,596.

Patented Dec. 27. 1870.



Witnesses

Joel L. Baker,

Charles L. Howe

Inventor.

H. P. Sisson.

Per

J. H. Alexander
Atty

United States Patent Office.

HENRY P. SISSON, OF RUTLAND, VERMONT.

Letters Patent No. 110,596, dated December 27, 1870.

IMPROVEMENT IN CARPENTERS' GAUGES.

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, HENRY P. SISSON, of Rutland, in the county of Rutland and State of Vermont, have invented certain new and useful Improvements in Carpenters' Gauges; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a plan view of my gauge.

Figure 2 is a vertical section of the slide-block and part of the stem.

The nature of my invention consists in the construction of a gauge in the manner set forth.

In the annexed drawing—

A represents the beam; and

B, the slide-block, through which a mortise is made to receive the stem, the said mortise being of sufficient width to admit of a metal plate, *d*, being inserted between the stem and the block B.

The plate *d* will be furnished with shoulders *s*, near its end. The said shoulders serve to confine block B in position.

e represents a cam-lever, the cam portion occupying an excavation in block B, and the lever part extending out so as to be operated by the thumb.

The object of metal-plate *d* is two-fold:

First, it affords a smooth surface for block B to slide upon.

Secondly, it furnishes a solid substance for the cam to rest on when the block is to be held firmly in position.

The cam *e*, it will be observed, will be confined in its place by the pin *i*, which rests in an opening at the top of said cam.

In operating my gauge, the fingers will grasp the beam A, and the thumb rest slightly on the lever *e*. The block B will then be slid to the desired point, and the thumb pressed on the lever to hold the block firmly in place by means of the projection *t*, which will press against the inner side of shoulder *s*.

I am aware of the existence of Peter Sawyer's patent, and disclaim anything he claims therein; but

What I do claim, and desire to secure by Letters Patent, is—

The beam A, the sliding-block B, cam-lever *e*, and metal plate *d*, when the whole are combined in the manner and for the purpose substantially as specified.

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

HENRY P. SISSON.

Witnesses:

JOEL C. BAKER,

CHARLES L. HOWE.