

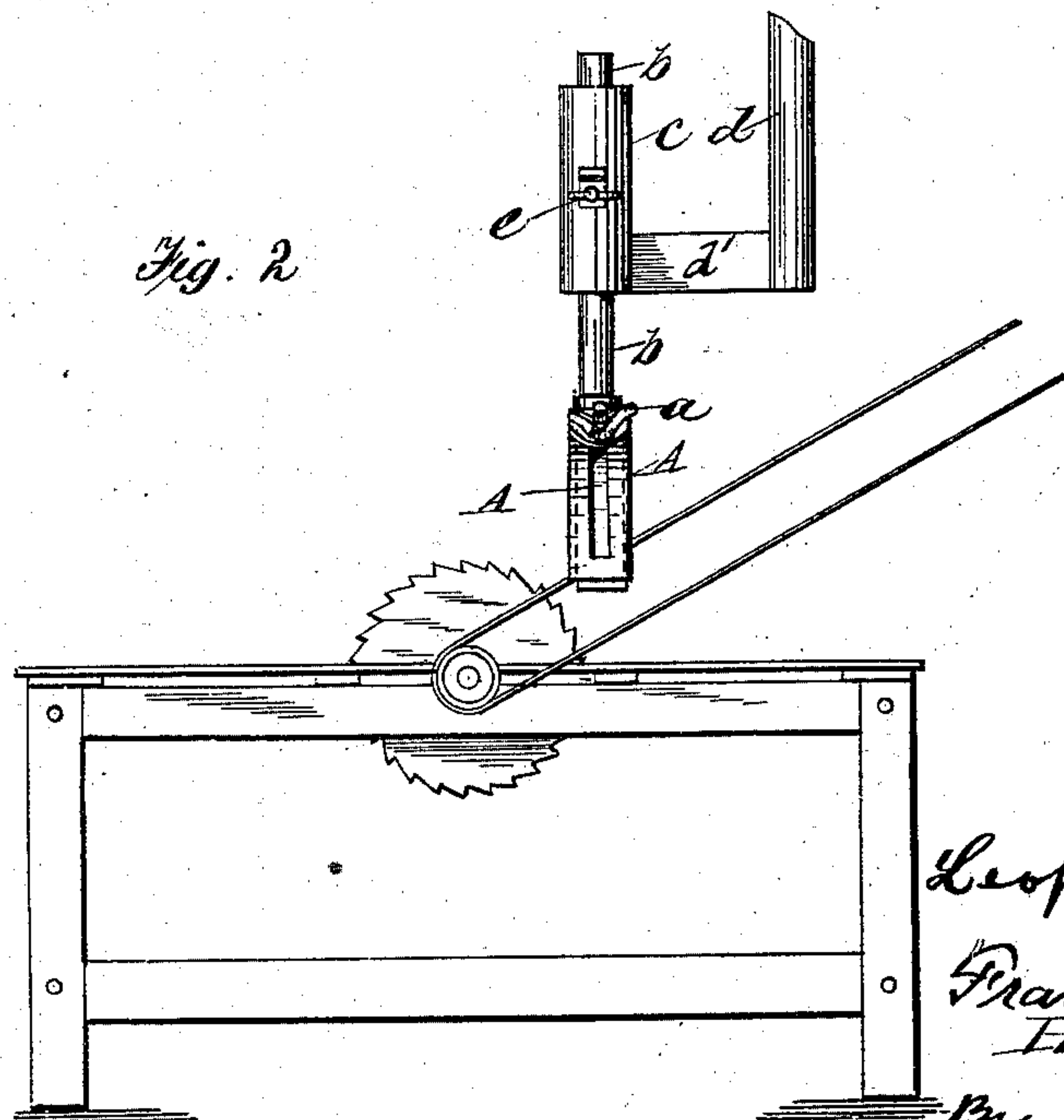
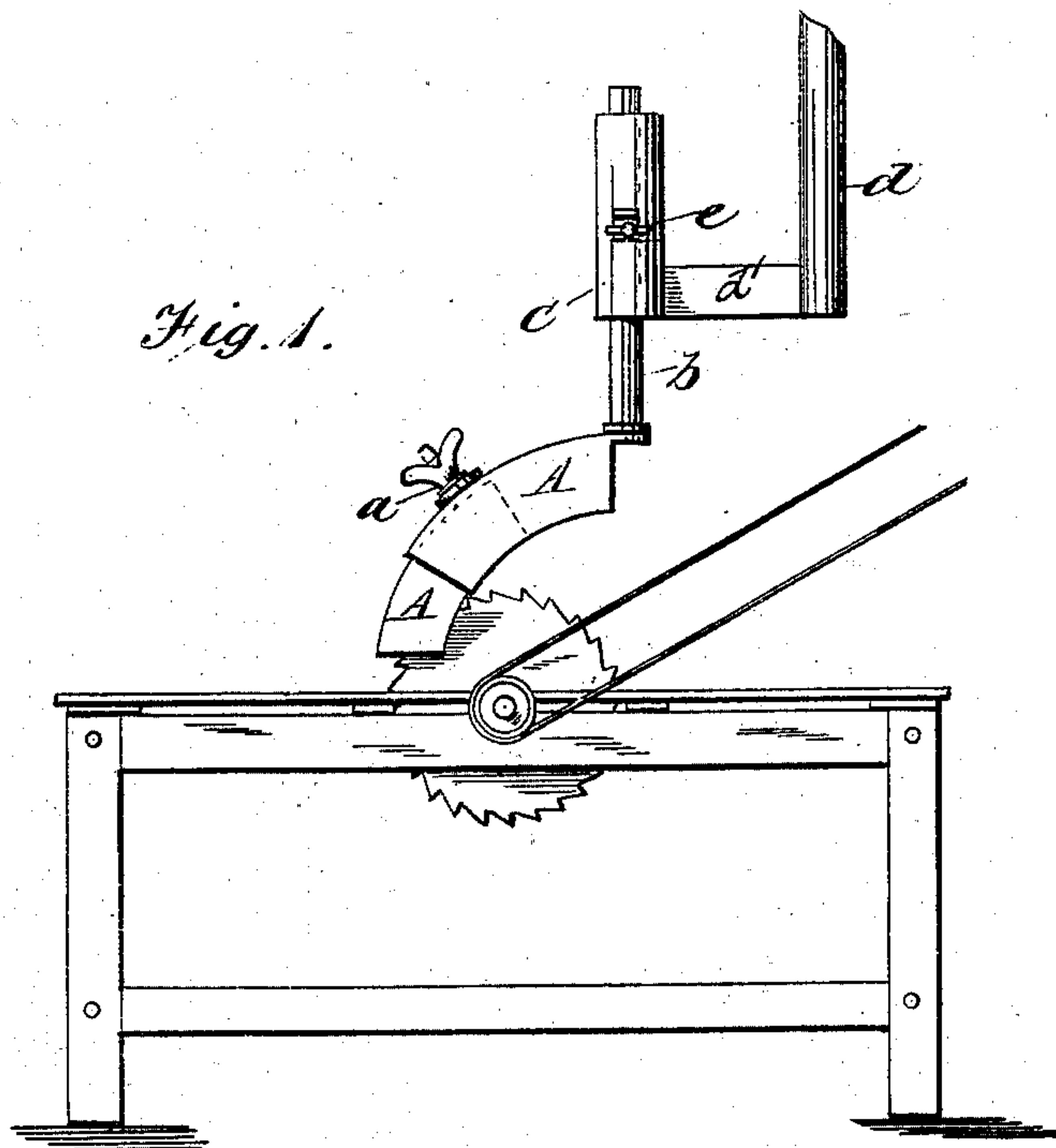
(No Model.)

L. BERTSCHE & F. LOFINK.

SAW GUARD.

No. 272,114.

Patented Feb. 13, 1883.



Attest,

W. H. Knight
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Leopold Berthoe
and

Frank Lofink
Inventor,

By their attys
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UNITED STATES PATENT OFFICE.

LEOPOLD BERTSCHE AND FRANK LOFINK, OF PITTSBURG, PENNSYLVANIA;
SAID BERTSCHE ASSIGNOR TO SAID LOFINK.

SAW-GUARD.

SPECIFICATION forming part of Letters Patent No. 272,114, dated February 13, 1883.

Application filed November 5, 1881. (No model.)

To all whom it may concern:

Be it known that we, LEOPOLD BERTSCHE and FRANK LOFINK, citizens of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Saw-Guards; and we do hereby 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification, and in which—
Figure 1 is a side view of our improved saw-guard. Fig. 2 is a view showing the guard turned to one side of the saw and with its lower portion elevated.

This invention relates to a certain improvement in saw-guards, as hereinafter more fully set forth and claimed.

In carrying out our invention we employ two open hollow segments, A A, which constitute the guard, and arranged to stand at the front of the saw, as seen in the side view. One segment is capable of sliding within the other, and being held at the desired height from the saw-table by a set-screw, *a*, to accommodate the guard to the thickness of stuff to be sawed. The upper end of the guard is connected to a rod, *b*, fitted to turn in a tube, *c*, fixed by an extended arm, *d'*, to a pendant or rod, *d*, depending from the ceiling. The tube also has a set-screw, *e*. The aforesaid

mechanism permits of the elevation of the guard, so as to free it from the saw, and the turning of it to one side out of the way when not in use or when it is desired to remove the saw from its mandrel. The segments are made hollow, and left open to provide for receiving the saw-teeth at the front of the saw, to protect the operator from accidental contact therewith.

It will be seen that by suspending the guard by means of an arm, *d'*, and, in addition thereto, making the upper section of the guard extended in the manner of a bracket, as shown, the whole apparatus is readily put aside and perfectly clear from interfering with the operation of removing and replacing the saw, which is not the case when the supporting-rod *d* is directly connected to the guard, as heretofore.

Having thus fully described our invention, we claim and desire to secure by Letters Patent—

The combination of the supporting-rod *d*, having the arm *d'* and tube *c*, with the rod *b* and guard A A *a*, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

LEOPOLD BERTSCHE.
FRANK LOFINK.

Witnesses:

J. E. MILLER,
J. H. SORG.