

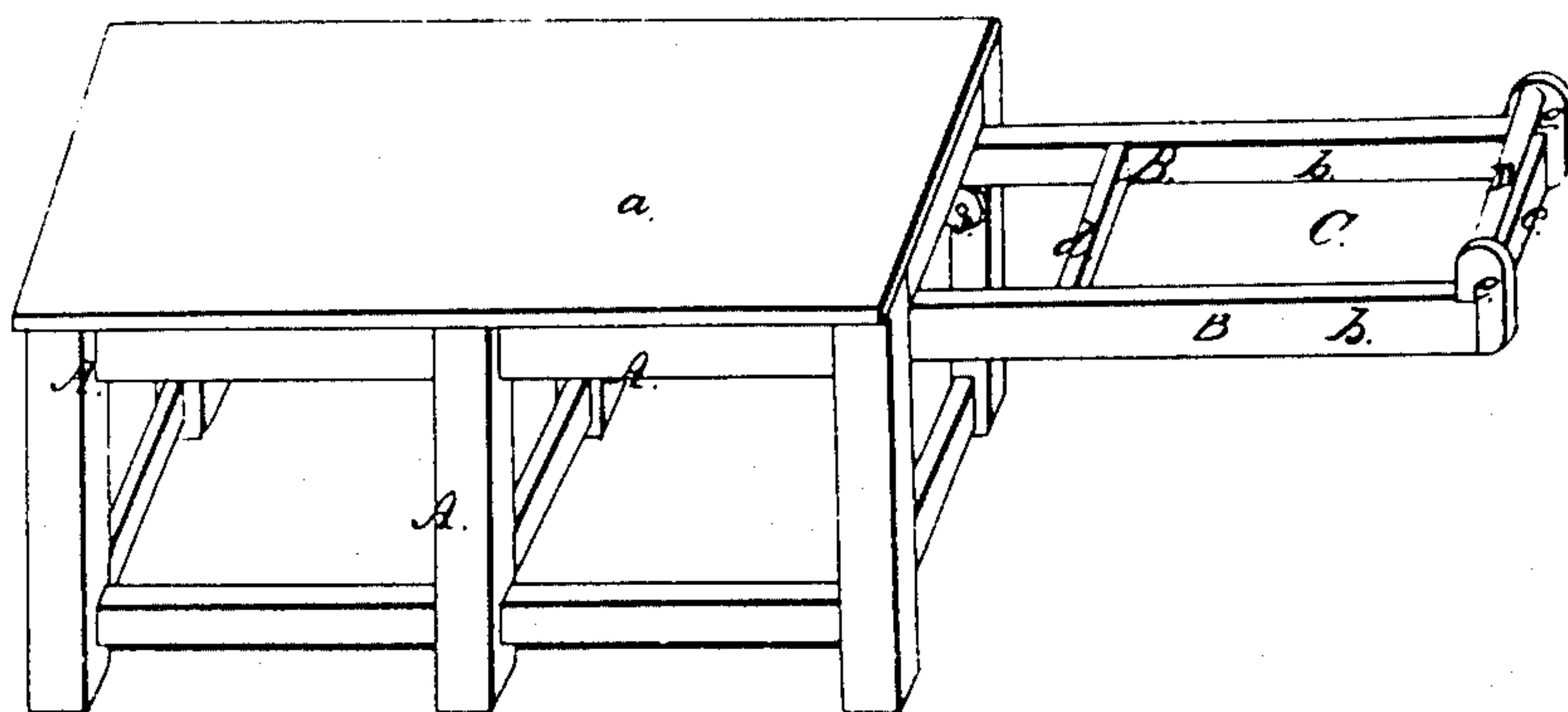
*M. Lepp.*

*Sawing Machine.*

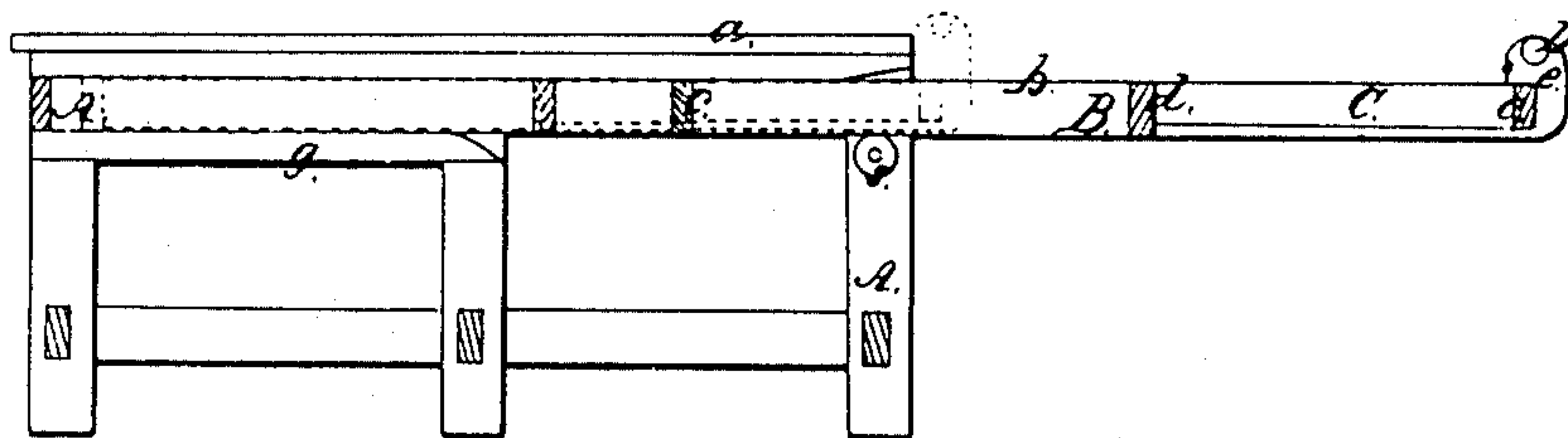
*N<sup>o</sup> 103,347.*

*Patented May 24, 1870.*

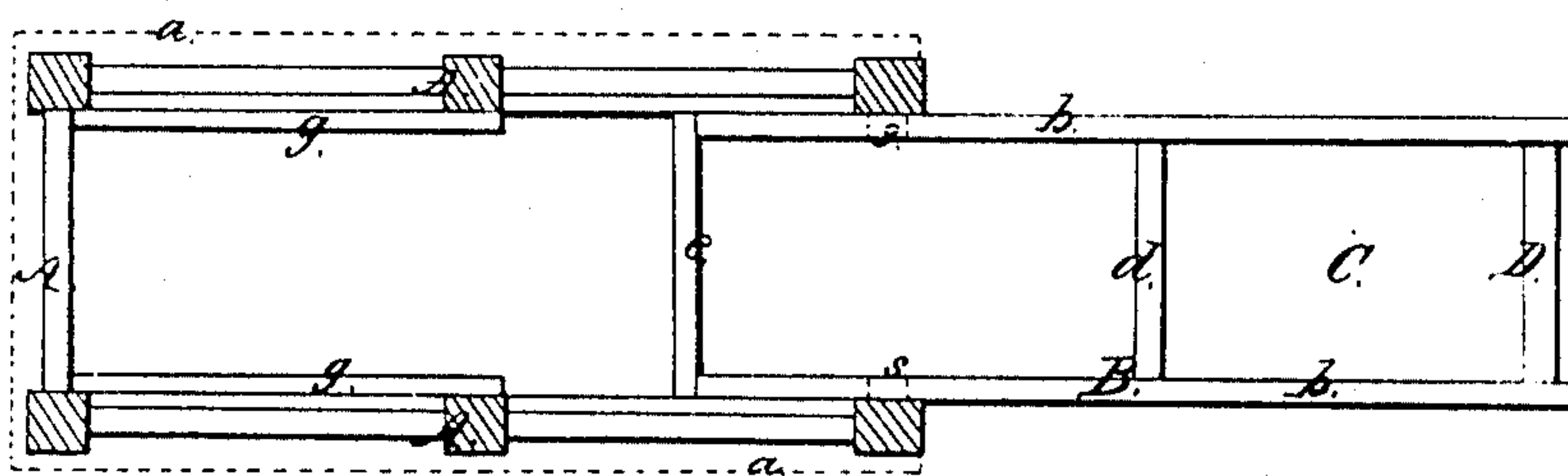
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses:*

*W. S. Jackson*  
*Alex. Selkirk*

*Inventor:*

*M. Lepp*

# United States Patent Office.

MITCHEL LEPP, OF ALBANY, NEW YORK.

Letters Patent No. 103,347, dated May 24, 1870; antedated May 17, 1870.

## IMPROVEMENT IN SAW-TABLES.

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, MITCHEL LEPP, of the city and county of Albany, State of New York, have invented certain new and useful Improvements in Saw-Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings forming a part of this specification, in which—

Figure 1 represents a saw-table, in perspective view, with improvement attached.

Figure 2 is a vertical longitudinal section of the same.

Figure 3 is a vertical view of the same, with top removed.

The nature of my invention consists in providing a saw-table with a sliding frame, so constructed and arranged as to slide to or draw from under the top and between the frame-work of the table. The outer end of the said sliding frame is provided with a bearing-roller, the upper surface of which projects slightly above the line of the said table.

The sliding frame is supported by a way or track, bearing against the lower edge of the said sliding frame, and running from the back of the inside of the table frame to back a little past the center, while its front ends are supported by two roller-wheels, revolving on their axles, which are fixed in the frame of the table, below the lower edge of the sliding frame.

A shallow box is also made in the front part of the frame, in which the necessary tools can be placed and preserved when not in use.

By these improvements long boards can be supported while being cut or slit, as well as short ones, and the material can be kept in line without trouble or care, while being operated upon; and the frame can be drawn out to suit a longer or shorter length of board, as may be required, thus dispensing with the necessity of using a horse or bench, which is always attended with more or less inconvenience, and, when not in use, is apt to be in the way, while the sliding frame can, in a moment, be slid under the table out of sight, and ready for use when required.

The shallow box also forms a ready receptacle for the tools which may belong to the machine, when they are not being used.

To enable others skilled in the art to make and use

my invention, I will proceed to describe it in reference to the accompanying drawings and the letters of reference marked thereon, the same letters indicating like parts.

A represents the usual frame-work of a saw-table; *a* is the top of the said table.

B is the sliding frame, constructed of the said pieces *b b*, and end pieces *c c*.

The said pieces *b* and *c* are of wood, and about five inches, more or less, in width, and about one and a quarter inch thick, well framed together.

A third cross-piece, *d*, is placed in the frame at near the center, and when it stiffens the said frame the said cross-piece also forms one of the sides of the tool-box O, which is made in the front part of the frame.

*e e* are two supports, attached to the front of the frame, and support the roller D by their axles.

The said sliding frame B is supported beneath the table top by the fixed track *g g*, figs. 2 and 3, which track is firmly secured to the frame of the table, and by the rollers *s s*, working on axles fastened to the front part of the table beneath, the same as shown in fig. 2, and by dotted lines in fig. 3.

This sliding frame, when not in use, is slid in its plate beneath the table, as shown by red lines in fig. 2, and when required for use, the said frame is drawn out to any distance required by the length of the board to be slit or cut, which board is partly supported by the table, and partly by the roller D of the sliding frame, and, when thus placed, the roller D prevents the far end of the board from tilting down.

The tool-box O, placed in the frame, forms a convenient receptacle for the saws, files, wrenches, and other tools needed to keep the machine in order, and to adjust it for use.

Having described my invention,

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

The arrangement, herein shown and described, of saw-table A, sliding-frame B, tool-box O, and roller D, when constructed substantially as and for the purpose set forth.

M. LEPP.

Witnesses:

W. S. BUCKBEE,  
ALEX. SELKIRK.