

(No Model.)

S. MARKS.
DRAW LEAF SLATE.

No. 424,931.

Patented Apr. 1, 1890.

FIG. 1.

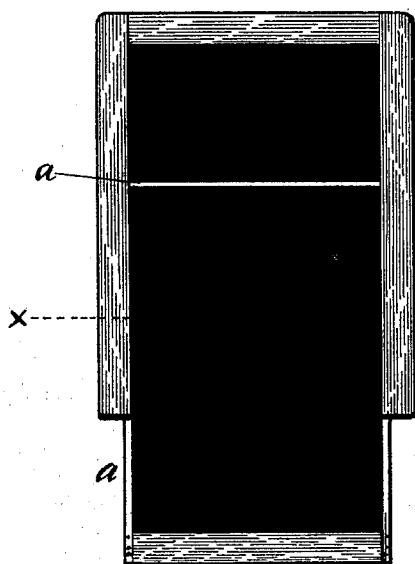


FIG. 2.

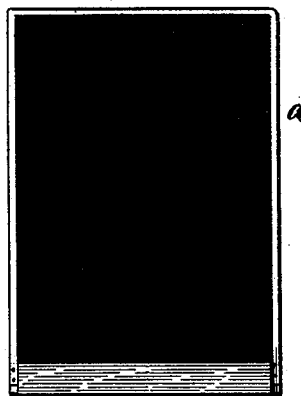
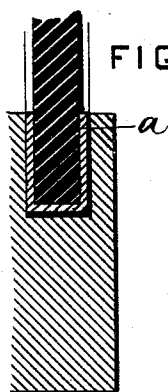


FIG. 3.



WITNESSES,

S. A. Hageman
P. J. Halladay

INVENTOR,

Solomon Marks
By *Joseph Garrison*
att'y

UNITED STATES PATENT OFFICE.

SOLOMON MARKS, OF CINCINNATI, OHIO, ASSIGNOR TO THE PARAGON
SLATE COMPANY, OF OHIO.

DRAW-LEAF SLATE.

SPECIFICATION forming part of Letters Patent No. 424,931, dated April 1, 1890.

Application filed September 30, 1889. Serial No. 325,522. (No model.)

To all whom it may concern:

Be it known that I, SOLOMON MARKS, a citizen of the United States, residing at Cincinnati, county of Hamilton, and State of Ohio, have invented a certain new and useful Improvement in Slates, of which the following is a specification, reference being had to the accompanying drawings.

My invention consists in a metal binding for the edges of slates, and is especially applicable to those double or triple slates (the leaves of which fit into grooves and are capable of being withdrawn and replaced at pleasure) for which Letters Patent were allowed me on July 6, 1889, Serial No. 311,332.

The object of my invention is to protect and strengthen the edges of the slate-leaves, to prevent buckling of said slate-leaves when made of non-rigid substance, and to form a smooth and even surface sliding in the grooves of the frame.

In the drawings, Figure 1 shows a slate complete with one of the leaves partially withdrawn. Fig. 2 shows one of the leaves entirely withdrawn. Fig. 3 is an enlarged section of the edge of the slate-leaf and metal binding, taken at *a*, Fig. 1.

Similar letters in the different drawings denote the same parts.

The binding designated by the letter *a* is made of thin strips of metal, bent twice at right angles longitudinally, so that a cross-section would show the form of the letter **U**, as seen in Fig. 3. This binding surrounds three edges of each slate-leaf, covering the edges and clasping the sides for a sufficient distance, and is secured by rivets to the tenons of the wood frame, which is permanently secured to the fourth edge.

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

1. In a draw-leaf slate, a slate-leaf having a metal binding on three sides and the fourth side rigidly attached to a side of the frame of said leaf-slate, substantially as described.

2. In a draw-leaf slate, a slate-leaf having a metal binding for three edges and a side of the frame of said draw-leaf slate for the other edge, substantially as described.

The foregoing specification of my invention signed by me this 16th day of September, A. D. 1889.

SOLOMON MARKS.

Witnesses:

JEPHTHA GARRARD,
P. J. CADWALLADER.