

F. ARZT.

SLATE FRAME ATTACHMENT.

No. 178,043.

Patented May 30, 1876.

Fig. I.

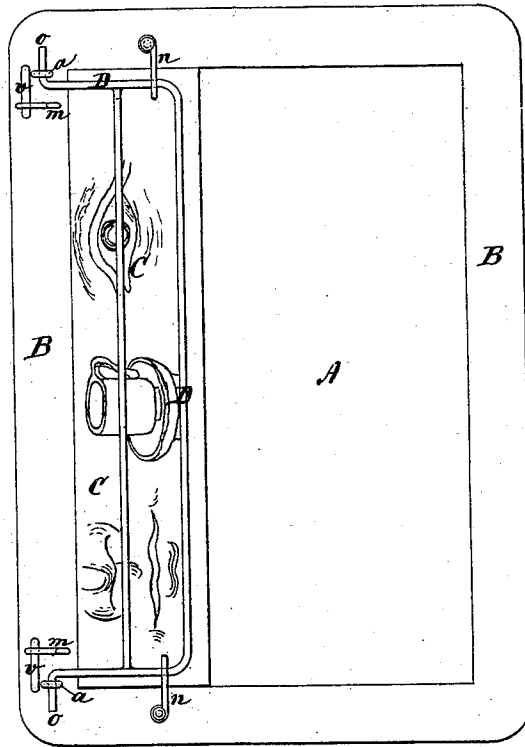


Fig. II.

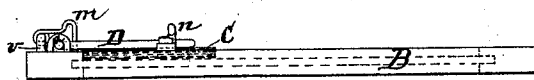
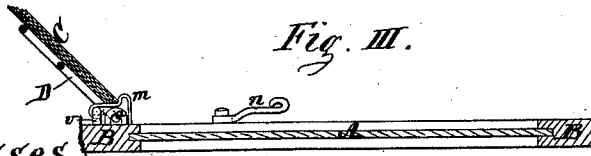


Fig. III.



Witnesses.

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UNITED STATES PATENT OFFICE.

FREDERIC ARZT, OF NEW YORK, N. Y., ASSIGNOR OF PART OF HIS RIGHT TO FREDERICK C. A. ARZT, JOHN G. ARZT, AND WILLIAM C. ARZT, OF SAME PLACE.

IMPROVEMENT IN SLATE-FRAME ATTACHMENTS.

Specification forming part of Letters Patent No. **178,043**, dated May 30, 1876; application filed April 27, 1876.

To all whom it may concern:

Be it known that I, FREDERIC ARZT, of New York, in the State of New York, have invented a new and useful Improvement in School-Slates, of which the following is a specification:

The nature of my invention consists in the arrangement of a wire frame to a common school-slate to secure the copy-slats, and at the same time, when opened, to support the said copy-slats at the end of the slate while being copied by the pupil.

In the accompanying drawing, Figure I represents a plan of a school-slate embodying my invention. Fig. II is an end view, and Fig. III is a section showing the frame open.

A represents the slate, and B the frame, constructed in the usual manner. To one side of the frame B a wire frame, D, is hinged, by passing the ends through staples *a*. At the sides or ends small hooks *n* are arranged, which, when the frame D is laid against the slate, hold the same tight in that position.

The copy-slats C, which are preferably of thick paper, or card-board covered with paper, containing the letters, figures, or designs to be copied, are placed upon the slate, and the wire frame D over the same, which latter is held fast and secured by means of the hooks *n*, holding thereby the copy-slats firmly in their place.

When the slate is to be used the frame D is

turned upward, as shown in Fig. III, in which position it will act as a back-support for the copy-slats to be used. Inside of the staples *a* projecting hooks *m* are arranged on the slate-frame, to support the bottom of the copy-slats, and thus prevent them from sliding off.

v are small projections at the back of the arms of the wire frame, attached to the slate-frame to support the wire frame D in the desired inclined position when open.

The ends *o* outside of the staples *a* of the wire frame D may be slightly bent, so that when the frame is closed these ends will press against the slate-frame B, and act as springs when the frame D is relieved from the action of the hooks *n*, and thus force the frame D upward.

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

1. In combination with a school-slate, the wire frame D and hooks *n*, to secure the copy-slats, substantially in the manner and for the purpose described.

2. In combination with a school-slate, provided with a wire frame, D, as described, the projections *v v* and projecting hooks *m m*, arranged substantially as and for the purpose set forth.

FRED. ARZT.

Witnesses:

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