

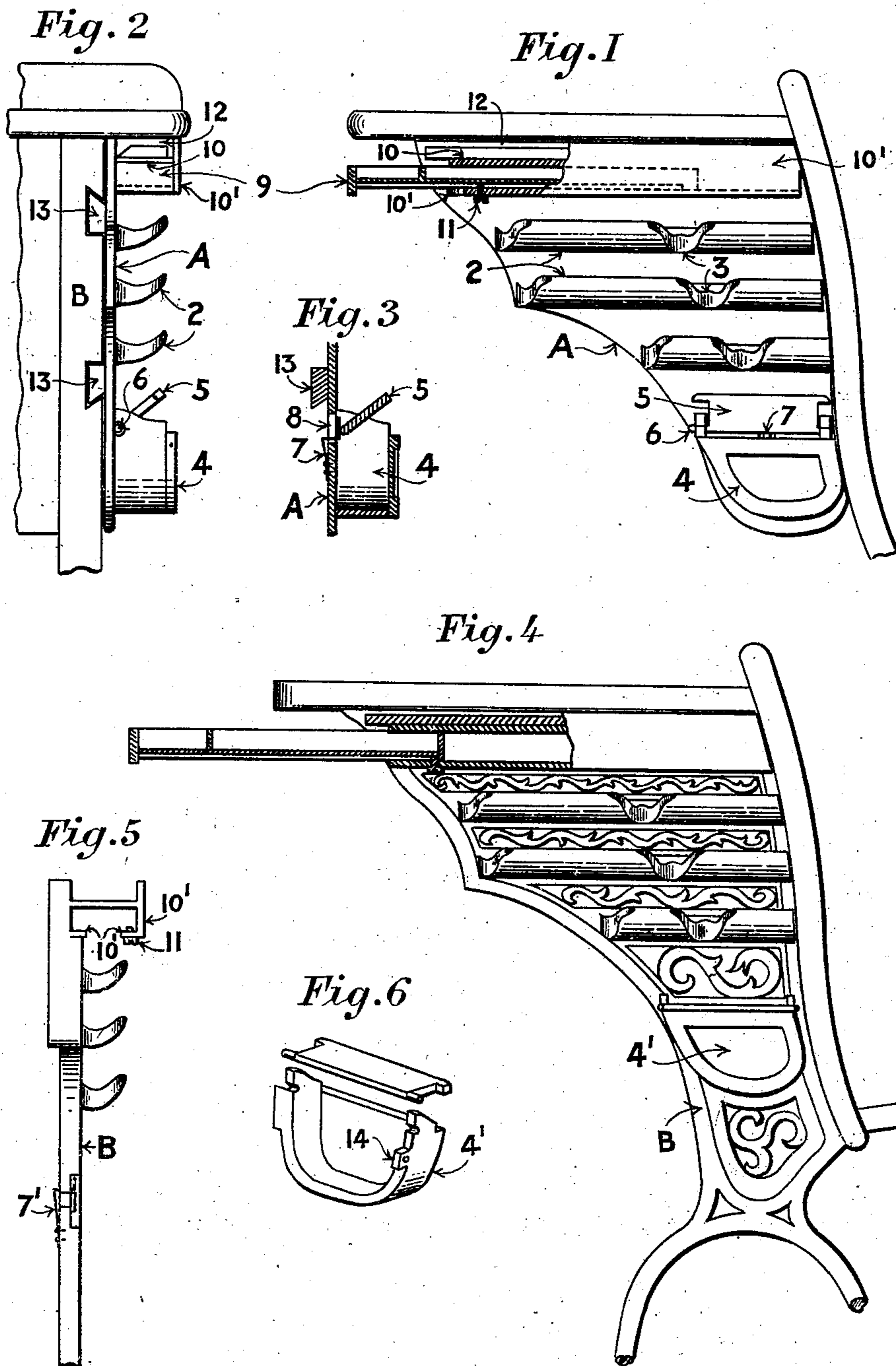
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J. C. GILSON & D. H. ROWE.
SCHOOL DESK FRAME AND ATTACHMENT THEREFOR.

APPLICATION FILED AUG. 7, 1902.

NO MODEL.



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UNITED STATES PATENT OFFICE.

JEWETT C. GILSON AND DAVID H. ROWE, OF OAKLAND, CALIFORNIA.

SCHOOL-DESK FRAME AND ATTACHMENT THEREFOR.

SPECIFICATION forming part of Letters Patent No. 724,844, dated April 7, 1903.

Application filed August 7, 1902. Serial No. 118,698. (No model.)

To all whom it may concern:

Be it known that we, JEWETT C. GILSON and DAVID H. ROWE, citizens of the United States, residing at Oakland, county of Alameda, State of California, have invented an Improvement in School-Desk Frames and Attachments Therefor; and we hereby declare the following to be a full, clear, and exact description of the same.

Our invention relates to improvements in the cast-metal frames for school and similar desks and in attachments for said desks. Its object is to provide suitable receptacles in connection with a desk in which the penholders, pencils, ruler, sponge, &c., of the pupil may be kept always convenient for use.

The invention consists of the parts and the construction and combination of parts hereinafter described, having reference to the accompanying drawings, in which—

Figure 1 shows side view of frame with drawer portion partly in section, drawer partly drawn out. Fig. 2 shows end view with dovetail attachment to frame member B. Fig. 3 shows section of sponge-box. Fig. 4 shows side view of device cast integral with frame member B, drawer drawn out to full extent. Fig. 5 shows end view of portion of Fig. 4 with drawer and box removed. Fig. 6 shows rear view of cast-metal box and cover.

As illustrated in the drawings, our invention is adapted to be applied to desks already in use, or it may be combined integral with the original frame-casting. As an attachment it consists of a plate A, conforming in outline to the metal sides or standards supporting the desk-top and having a plurality of horizontal concave ledges or troughs 2, adapted to contain pencils, penholders, and the like. Each trough is notched centrally, as at 3, to admit the fingers readily to engage an article, as a pencil. In the absence of these finger-spaces there is greater liability of dropping a pencil and breaking the point or disturbing the class-room in endeavoring to remove the article over the edge of the trough. At the lower end of the plate a sponge-box 4 is secured, which has a cover 5, provided with lugs 6, journaled in notches in the back edges of the sides of the box. In order to prevent the lid closing by its own

weight, and so disturb the quietness of the room, a spring 7 is attached to the rear of plate A and has an end adapted to extend through a perforation 8 in the plate and to bear constantly upon the rear rounded edge of the cover. The pressure of the spring on the lid is sufficient to hold the latter at any angle, and a pressure of the hand is required to close the lid.

A drawer 9, adapted to contain pens and the like needing protection from dust, is slidable in guides 10 10', disposed horizontally and vertically above the troughs. A stop 11 prevents the drawer becoming completely withdrawn.

The upper horizontal drawer-guide 10 forms the bottom of a ruler-receptacle 12, whose walls are the extension of the outside vertical drawer-guide 10' and the upper part of plate A.

When the attachment is in place on a desk, the upper edges of the plate and of guide 10' abut against the under side of the overhanging portion of the desk-top.

The plate A may be attached to a desk in any suitable manner. Preferably transverse horizontal dovetailed guides 13 are formed on the back of the plate, which engage corresponding grooves on the frame B of the desk.

In Fig. 4 we have shown our device as cast integral with the frame member B, with the exception of the sponge-box and the drawer, which are attached subsequently. Where new desks are being manufactured, this may be said to be the preferred form for reasons of simplicity, economy, and appearance.

The sponge-box 4' is made with a rearwardly-extending projection 14 on one side adapted to fit a guide-notch in the side of the casting, and the parts are held together by means of a screw.

A spring 7' bears against the cover to prevent its being closed with any unnecessary "bang."

When the desk-top is in position, the whole presents a neat unified appearance, and its utility has been fully proven.

If desired, the various receptacles may be lined with felt or other suitable soft material to deaden the sound when articles are inserted or withdrawn.

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

1. The combination with a desk having a
5 side standard provided with dovetailed grooves, of a plate fitting flatwise against said standard and conforming substantially in outline thereto, and having dovetailed projections on its inner face to interlock with said
10 grooves, said plate having on its outer side a plurality of horizontal, transversely-curved ledges cut away between their ends to form openings for the fingers.

2. The combination with a desk, of a plate
15 fitting flatwise against the side of the desk-standard and conforming substantially in outline thereto, said plate having dovetailed projections on its inner face adapted to engage corresponding grooves in the standard, and
20 having article-supporting means on its outside and arranged in vertical series, and having on said outer faces below said supporting

means, a box-shaped receptacle, a hinged closure for said receptacle, and a spring on the inside of the plate and operating through a
25 slot therein to bear upon the inner edge of the closure.

3. The combination with a desk of a plate having means to interlock with the side standard of the desk and having projecting from
30 the outer side of its upper end spaced horizontal and vertical flanges and having on said outer face below said flanges a vertical series of trough-shaped ledges of different lengths cut away at the central portions, and a pro-
35 jecting box-like receptacle on the lower portion of the plate.

In witness whereof we have hereunto set our hands.

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Witnesses:

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