

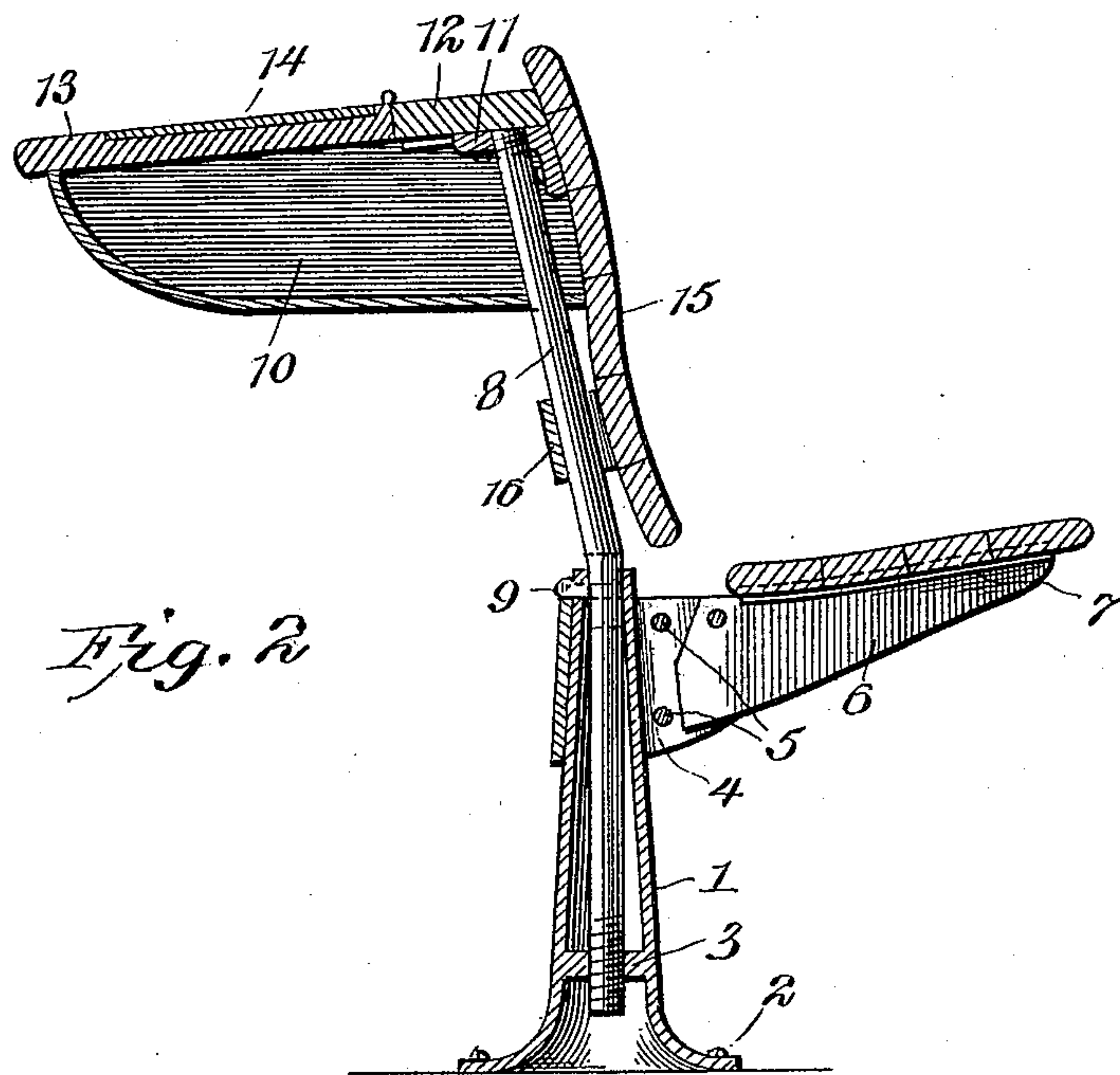
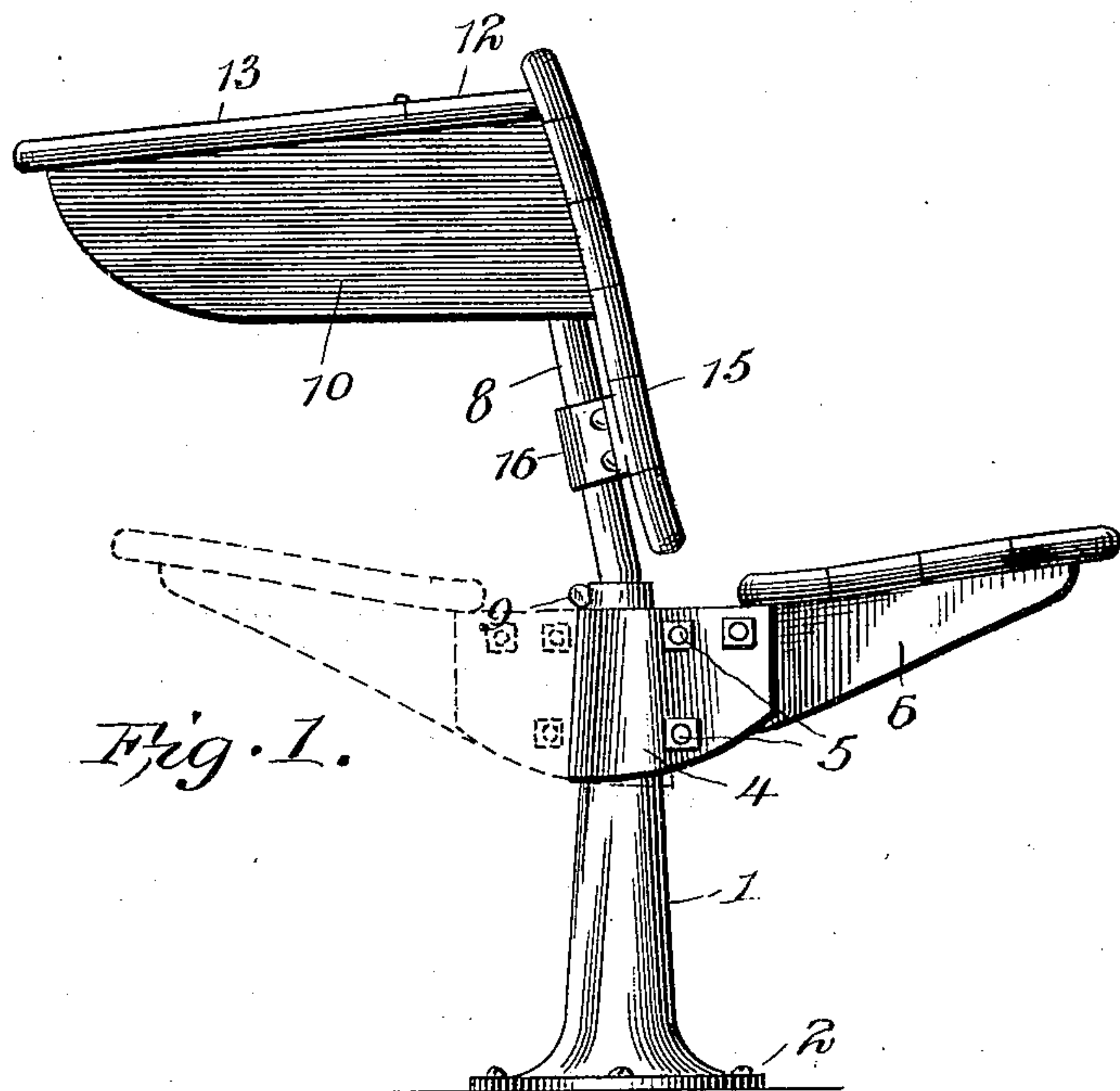
No. 648,053.

Patented Apr. 24, 1900.

J. A. RAMSEY.
SCHOOL DESK.

(Application filed Aug. 21, 1899.)

(No Model.)



Witnesses
J. B. Mangus
C. L. Weaver

Inventor
J. A. Ramsey
by Patrick A. Coney
Attorney

UNITED STATES PATENT OFFICE.

JAMES A. RAMSEY, OF TOPEKA, KANSAS.

SCHOOL-DESK.

SPECIFICATION forming part of Letters Patent No. 648,053, dated April 24, 1900.

Application filed August 21, 1899. Serial No. 728,011. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. RAMSEY, a citizen of the United States, residing at Topeka, in the county of Shawnee and State of Kansas, have invented a certain new and useful Improvement in Single-Standard School-Desks; and I do hereby declare that the following is a full, clear, and exact description of the invention, reference being had to the accompanying drawings, forming a part thereof.

This invention relates to desks, and particularly to that class designed for schools.

The objects of the invention are, first, to provide a combined desk and seat upon a single standard in which the desk proper and its seat are separately adjustable, so that the height of the desk or seat may be varied; second, in the provision of novel means for securing the desk rigidly after it has been adjusted and in fastening the seat's support, so as to prevent vertical movement, but allowing besides the hinge movement a rotary movement to permit the seat to swing under the desk, thus removing all obstruction between the desks.

Finally the object of the invention is to produce a desk and seat which shall possess advantages in points of simplicity, durability, and efficiency and prove comparatively inexpensive.

With the above and other objects in view the invention consists in the details of construction and in arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming part of this specification, wherein like characters denote corresponding parts in both views, and in which—

Figure 1 is a side view in elevation in which is shown a desk and seat embodying the invention. Fig. 2 is a vertical central sectional view thereof.

In the drawings, 1 denotes a standard having a base-flange 2. The standard tapers slightly upward, is made hollow, and has seated in the hollow portion near the base a nut 3. A clamp 4, tapered to correspond with the taper of the standard, embraces said standard and is provided with bolts 5 for binding the clamp to the standard when the desired adjustment has been attained. If the user

wishes the seat high or low, it is only necessary to loosen the clamp through a manipulation of the bolts, when the clamp may be moved to any desired height on the standard, after which the bolts are made to draw the clamp against the standard. The tension on the clamp is just sufficient to prevent its descent on the standard, but not such as to prevent its rotation, for it is the desire of the inventor to have it turn when necessary for the purpose of allowing the seat to pass under the desk, as shown in dotted lines, Fig. 1. Seat-supports 6 6 are pivoted to the clamp and comprise metallic plates tapered toward their outer ends. The plates have their upper edges 7 bent over to form wedge-shaped flanges, and the board acting as the seat is channeled to receive the flanges.

The desk-support 8 may be a rod or pipe, but preferably a pipe, fitted in the hollow standard and provided with screw-threads at its lower end to engage the nut near the base of the standard, whereby the said support is adjusted and held. The interior of the standard and the surface of the support have keyways, and a key 9 therein locks the parts when adjusted.

A metallic book-receptacle 10 is apertured at the bottom to receive the support, the end of said support extending therethrough and having a plate 11 fastened thereon to which the back and stationary section 12 of the top of the receptacle are attached, the ends of said section 12 being secured to the flanges on the side of the book-receptacle. A lid 13 is hinged to the section 12, and it is recessed at the top for the reception of a slate 14, which is made flush with the upper surface of the said lid.

The back 15 tapers laterally toward the bottom and is provided with a clamp 16, embracing the desk-support. The back is also attached to the upper portion of the desk in any suitable manner.

The upper end of the support is bent backward for the purpose of giving the desk the proper inclination and also for the purpose of giving a proper slope to the back for the ease and comfort of the user.

The construction, operation, and advantages will, it is thought, be understood from the foregoing description, and it will be noted

that various changes in the proportions and other details of construction may be resorted to for successfully carrying the invention into practical use without departing from the scope of the claims.

Having fully described the invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a school-desk, a hollow standard having an apertured and threaded integral web near the base, a support threaded therein, said support and standard having keyways, a key for locking them adjusted, a plate angular in cross-section threaded on the upper end of the support, and a receptacle supported by the horizontal member of the plate and the back secured to the vertical member, substantially as described.

2. In a school-desk, a hollow standard having an apertured and threaded integral web near the base, a support threaded therein, said support and standard having keyways, a key for locking them adjusted, a plate angular in cross-section threaded on the upper end of the support, and a receptacle support-

ed by the horizontal member of the plate, a back secured to the vertical member and a clamp secured to the back and embracing the support.

3. In a school-desk, a tapering base, a tapering clamp vertically adjustable thereon, a seat hinged to the clamp, a support having its upper end bent at an angle threaded in the base, an angular plate threaded on the upper end of the support, and a receptacle and back secured to the plate, as and for the purpose described.

4. In a device of the character described, a single tapered standard, a tapered clamp thereon, a desk above the standard, and a seat hinged to the clamp, said clamp being rotatably mounted and vertically adjustable on the standard.

In witness whereof I have hereunto affixed my signature in the presence of two witnesses.

JAMES A. RAMSEY.

Witnesses:

T. F. HENSLEY,
M. HOGAN.