

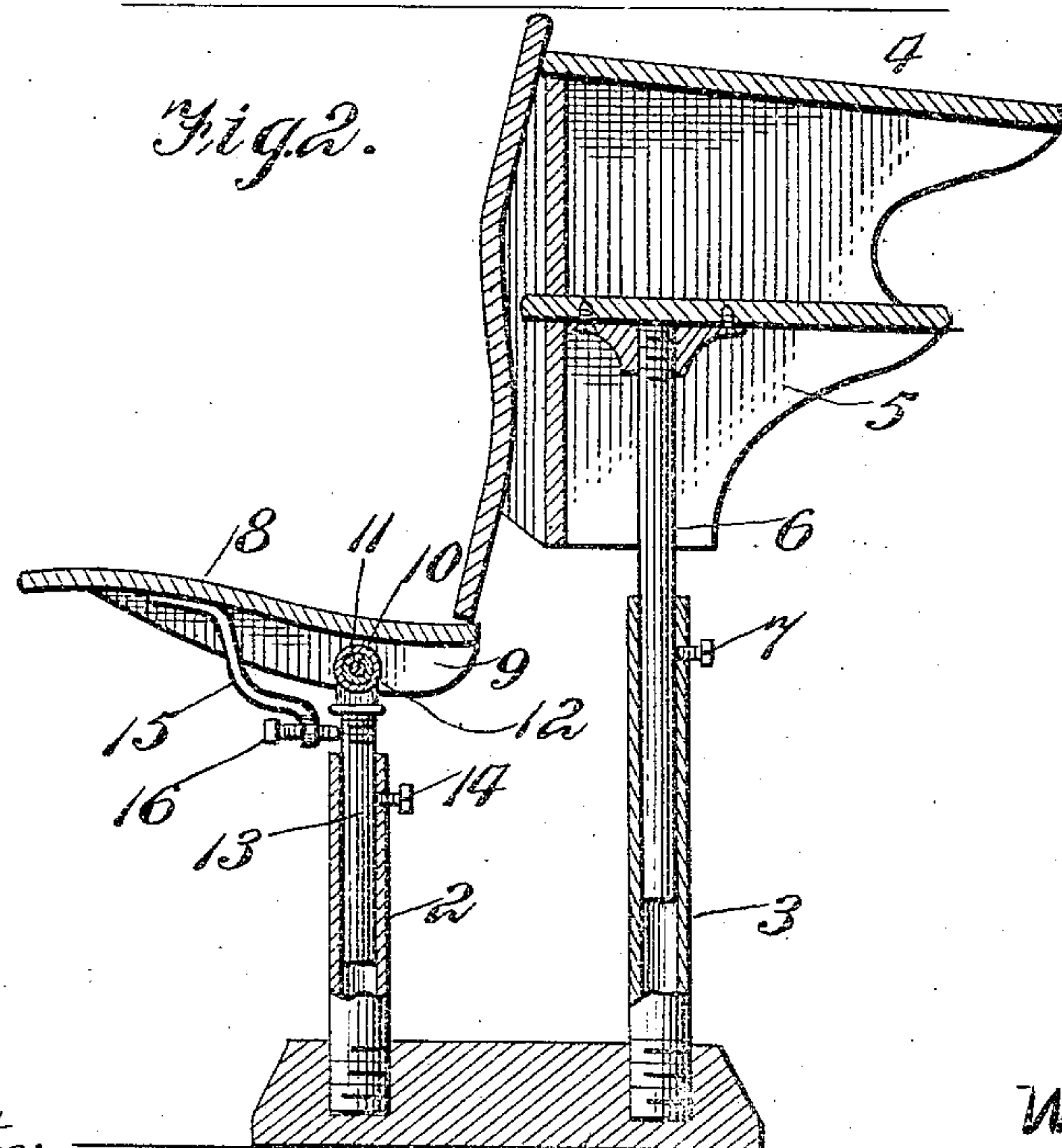
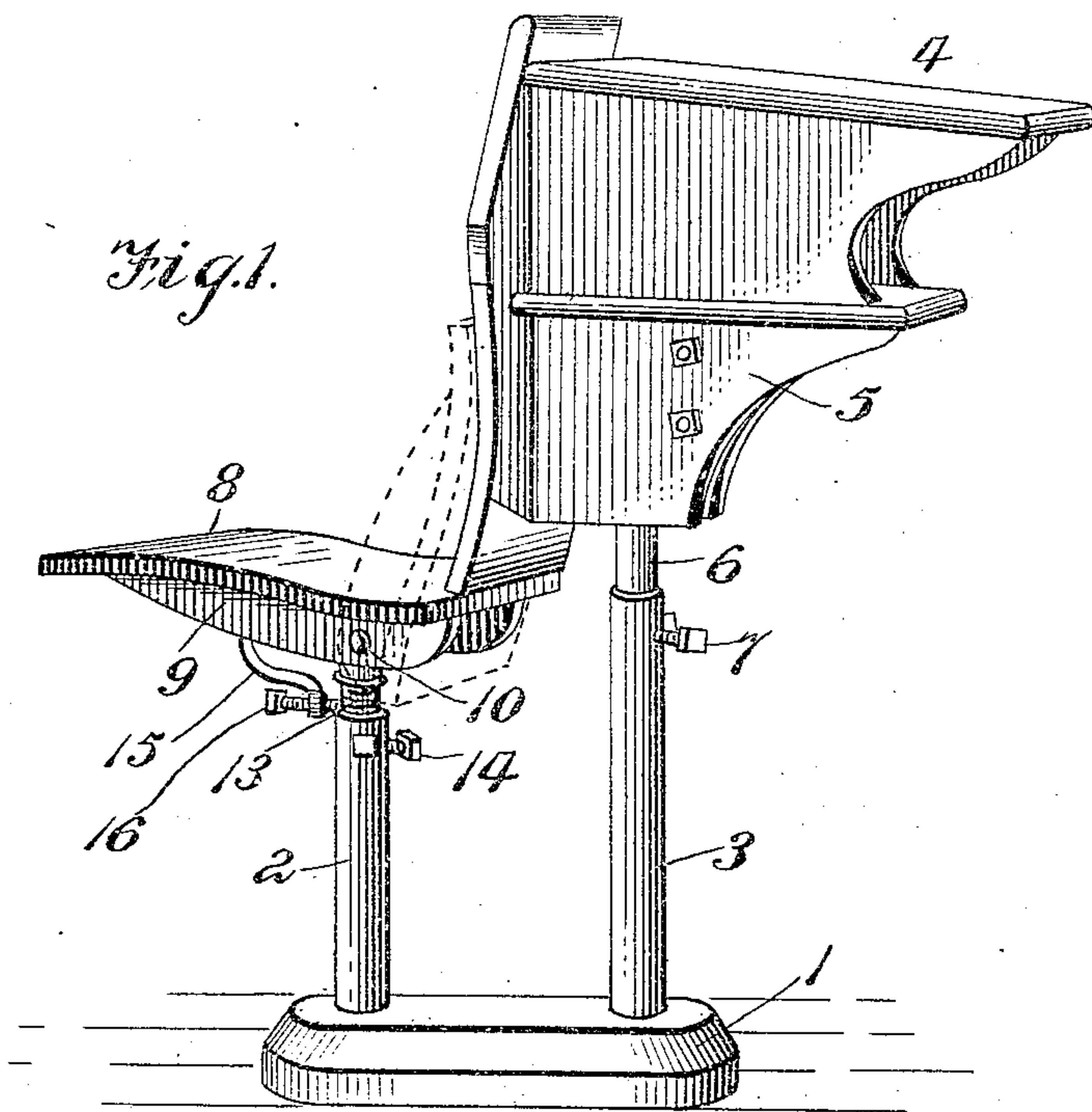
No. 766,020.

PATENTED JULY 26, 1904.

W. COLLINS.
SCHOOL FURNITURE.

APPLICATION FILED JULY 11, 1903.

NO MODEL.



WITNESSES

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WILLIAM COLLINS, OF FRAZEE, MINNESOTA.

SCHOOL FURNITURE.

SPECIFICATION forming part of Letters Patent No. 766,020, dated July 26, 1904.

Application filed July 11, 1903. Serial No. 165,130. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM COLLINS, a citizen of the United States, residing at Frazee, in the county of Becker and State of Minnesota, have invented new and useful Improvements in School Furniture, of which the following is a specification.

This invention relates to school furniture, and particularly to school chairs and desks, the principal object of the invention being to provide special means whereby the seat and desk may be adjusted any height to suit the age of the scholar, the principal feature of the invention residing in the construction and arrangement of the seat, whereby the latter is not only rendered adjustable in height, but also adjustable as to its angle, and also adapted to be compactly folded out of the way when not in use.

With the above and other objects in view the invention consists in the novel construction, combination, and arrangement of parts, as hereinafter fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a seat and desk mounted, constructed, and arranged in accordance with the present invention. Fig. 2 is a vertical sectional view of the same.

Like reference-numerals designate corresponding parts in both figures of the drawings.

In carrying out the present invention I employ a base 1, oblong in shape and provided with two upwardly-extending socket-tubes 2 and 3, respectively designed to support a seat and desk, the seat-tube being shorter than the desk-tube 3.

The desk (illustrated at 4) may be of any suitable construction and is provided at the bottom with a pair of pendent wings 5, between which is secured the upper end of a standard 6, which fits or telescopes within the socket-tube 3 and is held at any desired elevation or point of adjustment by means of one or more binding-screws 7.

The seat (indicated at 8) is provided on its under side with a pair of substantially parallel cleats 9, the same being connected by a transverse bolt 10, which passes through a

sleeve 11, situated between the cleats 9. The sleeve 11, together with the bolt 10, passes through another sleeve 12 at the upper end of a standard or post 13, which fits or telescopes into the socket-tube 2, being adjustable up and down therein and held by means of one or more set-screws 14. By the means described the seat may be adjusted to any desired elevation and may also swing on the bolt 10, so as to enable the seat to be folded to a substantially horizontal position or to a substantially vertical position, as illustrated in the two figures of the drawings.

Connected to the under side of the seat is an arm 15, of ogee shape, the free pendent end of which is equipped with an adjustable stop 16, preferably in the form of a headed screw, passing through a threaded opening in the end of the arm 13 and adapted when the seat is folded downward to bear against the standard 13 or the socket-tube 2. This holds the seat in the desired position and at the proper angle for use, and also enables the angle of the seat to be adjusted to suit the scholar. When the seat is not in use, it may be folded upward against the adjacent desk, as shown in Fig. 1, so as to leave a clear passage-way between the desks.

The seat hereinabove described is connected, by means of the base, with a desk in rear thereof and not with the desk used by the scholar occupying the seat.

Having thus described the invention, what I claim as new is—

1. The combination with a base, a vertically-adjustable desk thereon carrying a seat-back, a socket rising from the base in advance of the desk, a standard vertically adjustable in the socket and having a sleeve at its upper end, a seat having cleats on its under side, a connecting-bolt between the latter and having thereon a sleeve pivotally mounted in the sleeve on the standard, and an arm fixed at one end to the under side of the seat, and provided at its other end with a set-screw bearing against a part of the structure for enabling the seat to be adjusted at different angles vertically.

2. The combination with a socket, and a

standard vertically adjustable therein and having a sleeve at its upper end, of a seat having cleats on its under side, and a connecting-bolt between the latter, said bolt having thereon
5 a sleeve pivotally mounted in the sleeve on the standard, and an arm fixed at one end to the under side of the seat, and provided at its other end with a set-screw bearing against a

part of the structure for enabling the seat to be adjusted to different angles vertically. 10

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM COLLINS.

Witnesses:

L. W. OBERHAUSER,

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