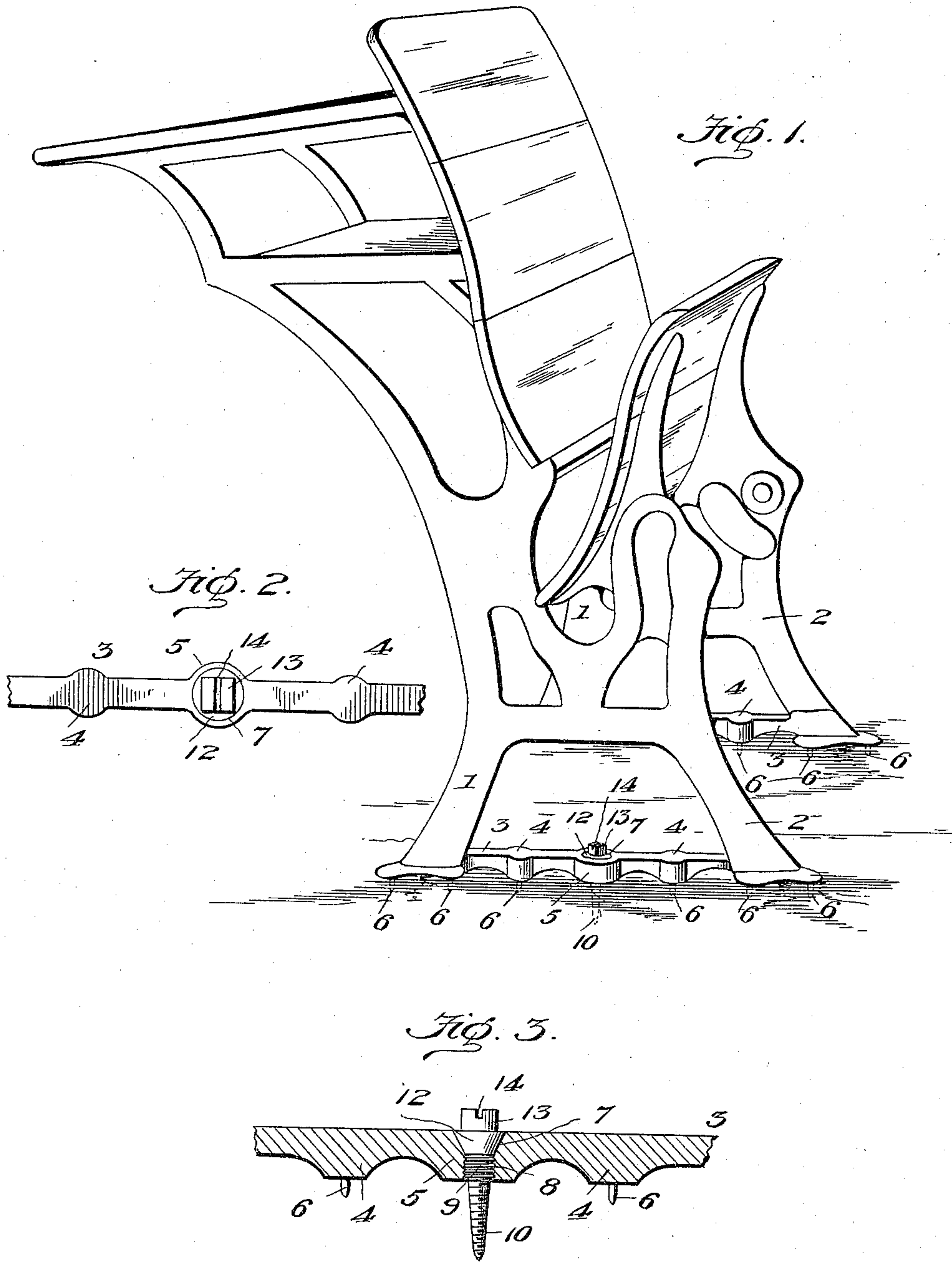


(No Model.)

J. B. BURFOOT.
COMBINED SCHOOL DESK AND SEAT.

No. 605,268.

Patented June 7, 1898.



Inventor

Joseph B. Burfoot.

Attorneys

Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPH B. BURFOOT, OF MOBILE, ALABAMA.

COMBINED SCHOOL DESK AND SEAT.

SPECIFICATION forming part of Letters Patent No. 605,268, dated June 7, 1898.

Application filed January 24, 1898. Serial No. 667,785. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH B. BURFOOT, a citizen of the United States, residing at Mobile, in the county of Mobile and State of Alabama, have invented certain new and useful Improvements in a Combined School Desk and Seat; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in combined school desks and seats; and the object is to simplify the construction and increase the efficiency without adding to the first cost and at the same time provide a novel means for removably securing the same to the floor in a rigid substantial manner, so as to practically brace it against lateral or longitudinal displacement.

To this end the invention consists in the construction, combination, and arrangement of the device, as will be hereinafter more fully described, and particularly pointed out in the claim.

The accompanying drawings show my invention in the best form now known to me; but many changes in the details might be made within the skill of a good mechanic without departing from the spirit of my invention, as set forth in the claim at the end of this specification.

The same reference characters indicate the same parts of the invention in the several views.

Figure 1 is a perspective view of my improved desk and seat. Fig. 2 is a top plan view of one of the horizontal integral braces connecting the duplex side legs. Fig. 3 is a longitudinal section of the same.

1 and 2 denote the duplex side legs, the lower ends of which are connected by the integral horizontal brace 3, the lower edge of which is formed with a series of arched recesses, alternating with the depending lugs 4 4 and the central socket 5.

The lower flanged feet of the legs 1 and 2, the lugs 4 4, and the socket 5 all lie in the same horizontal plane, and from their plane faces project a series of pointed spurs 6 6,

which may be cast integral therewith and brought to a sharp point afterward, or pointed wrought-metal brads may be inserted in the mold, if desired.

The socket 5 is formed with a countersunk recess 7 and a concentric, cylindrical, and internally-threaded orifice 8 to receive the correspondingly-threaded cylindrical shank 9 of the screw 10, the upper portion of which is formed with a countersunk collar 12 to conform to the orifice 8, and this collar terminates in a rectangular head 13, formed with a transverse slot 14 to receive a screw-driver, while the rectangular head is adapted for a socket-key or suitable key to manipulate it.

The inner vertical faces of the legs are semi-circular in cross-section, while the lower portions of said legs, where they connect with the flanged feet, are cast solid to insure additional strength at these points.

Of course it will be understood that the machine-thread on the shank 9 and the wood-screw thread on the screw 10 are of the same pitch, so that when manipulated up or down the threads on the wood-screw portion will travel in the same ratio as the machine-threads on the shank 9, and it will also be observed that the external diameter of the wood-screw 10 is somewhat less in diameter than the diameter of the threaded orifice 8, so that when inserted in place the wood-screw will freely pass through the orifice 8 without interfering with the machine-threads.

When the desk is placed in position, the pointed spurs are forced into the floor and the screw 10 inserted in the socket 5 and screwed home, thus fixing the desk in place in a simple and effective manner and rendering secure it against displacement.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

The legs 1 and 2 and the integral brace 3 formed with a series of arched recesses alternating with the depending lugs 4 4 and the centrally-arranged socket 5 formed with the countersunk recess 7 and internally-threaded cylindrical orifice 8, the aligned plane faces of

said legs, lugs and socket being provided with
a series of depending spurs 6 6, in combina-
tion with the screw 10 formed with the thread-
ed cylindrical shank 9, countersunk collar 12
5 and rectangular slotted head 13, substantially
as shown and described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing wit-
nesses.

JOSEPH B. BURFOOT.

Witnesses:

JOHN D. YERBY,
JNO. MCALEER.