No. 640,687. Patented Jan. 2, 1900.

J. S. McCLUNG.

BLACKBOARD SUPPORT.

(Application filed May 17, 1899.)

(No Model.)

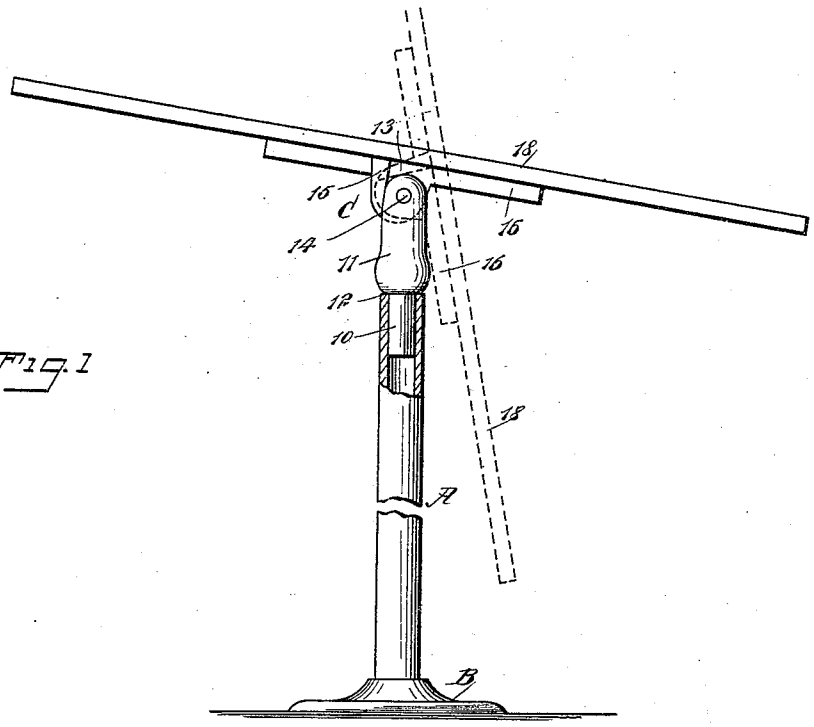


Fig. 1

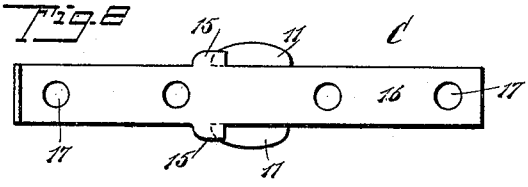


Fig. 2

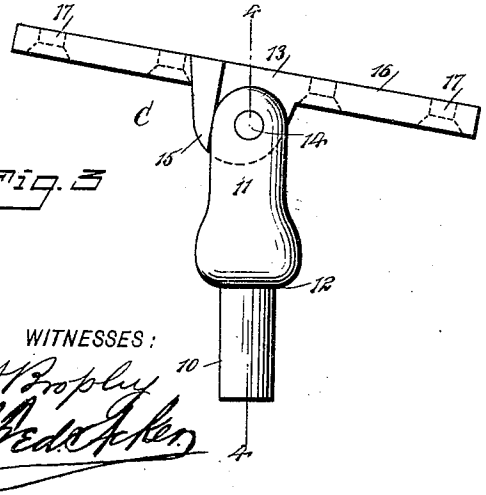


Fig. 3

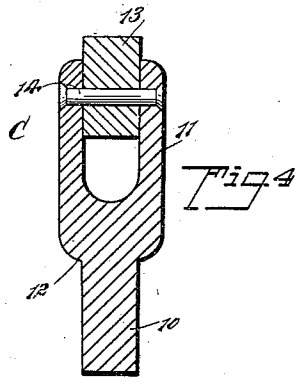


Fig. 4

WITNESSES:

J. A. Brophy

J. Fred. Acker

INVENTOR

James S. McClung

BY

ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JAMES S. McCLUNG, OF PUEBLO, COLORADO.

BLACKBOARD-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 640,687, dated January 2, 1900.

Application filed May 17, 1899. Serial No. 717,202. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. McCLUNG, of Pueblo, in the county of Pueblo and State of Colorado, have invented a new and Improved Blackboard-Support, of which the following is a full, clear, and exact description.

The object of the invention is to provide a support for blackboards so constructed that a teacher can face his class and at the same time write on the board while it is in a horizontal position, turn the board so that the pupils can see the work right side up upon the board, and then quickly remove the work from the pupils' vision.

Another object of the invention is to construct a blackboard especially adapted to train children to visualize quickly and accurately and to remember what they have seen.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improved device applied to a blackboard, a portion of the standard of the device being broken away. Fig. 2 is a plan view of the device. Fig. 3 is a side elevation of the same, and Fig. 4 is a longitudinal vertical section taken substantially on the line 4 4 of Fig. 3.

A represents a standard that may be tubular throughout or tubular at its upper end only, and B a foot for the said standard.

C represents the improved device. This device consists of a pivot-stud 10, adapted to fit and turn in the upper end of the standard A, the stud being provided with a bifurcated upper portion 11 and a shoulder 12 where the two members of the fork connect with the stud proper, the said shoulder being adapted to rest upon the upper end of the standard A when the stud is fitted therein. A lug 13 is received between the members of the bifurcated portion 11 of the said pivot-stud, the lug 13 being pivoted between said members by a suitable pin 14, as shown in Fig. 4. The lug 13 is provided at each side near one end with flanges 15, extending from top to bottom, and the flanges when they engage with the sides of the bifurcated section 11 of the pivot-stud will hold a plate 16 in a horizontal or practically a horizontal position, as shown in Figs. 1 and 3. The lug 13 is located at the under central portion of the said plate 16 and may be integral therewith or secured thereto. The said plate is provided with series of apertures 17, whereby the plate may be screwed to the back of a blackboard 18. The plate 16 is so placed upon the blackboard 18 that it will be at the center of the board both ways.

In operation the board is carried to the position shown in Figs. 1 and 2, and when in such position the teacher may readily write or draw thereon. When the work is finished, the board is turned around and carried downward to any desired inclination, as shown in dotted lines in Fig. 1, and it is evident that the board may be as quickly carried up to its normal or upper position as carried from said position to the position for exhibition.

The upper edges of the members of the bifurcated portion of the pivot-stud are preferably rounded off, as illustrated in Figs. 1 and 3.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a blackboard-support, the combination, with a standard and a post mounted to turn in said standard, said post being provided with a bifurcated upper portion and a shoulder between its upper and pivotal portion, of a plate, a lug projected from said plate, adapted to enter between the members of the bifurcated portion of the pivot-stud, a pivot for the said lug, and flanges located at the sides of the lug and arranged for engagement with the side edges of the upper members of said pivot-stud, as specified.

2. The combination with a vertically-arranged pivot-stud, mounted to turn, of a plate adapted to be secured to the back of a blackboard, and pivoted by a pivot-pin to the upper portion of said stud, and a stop carried by said plate and adapted to engage the said stud at one side of the pivot-pin, substantially as set forth.

JAMES S. McCLUNG.

Witnesses:
J. M. MEALE,
LULA W. FISHER.