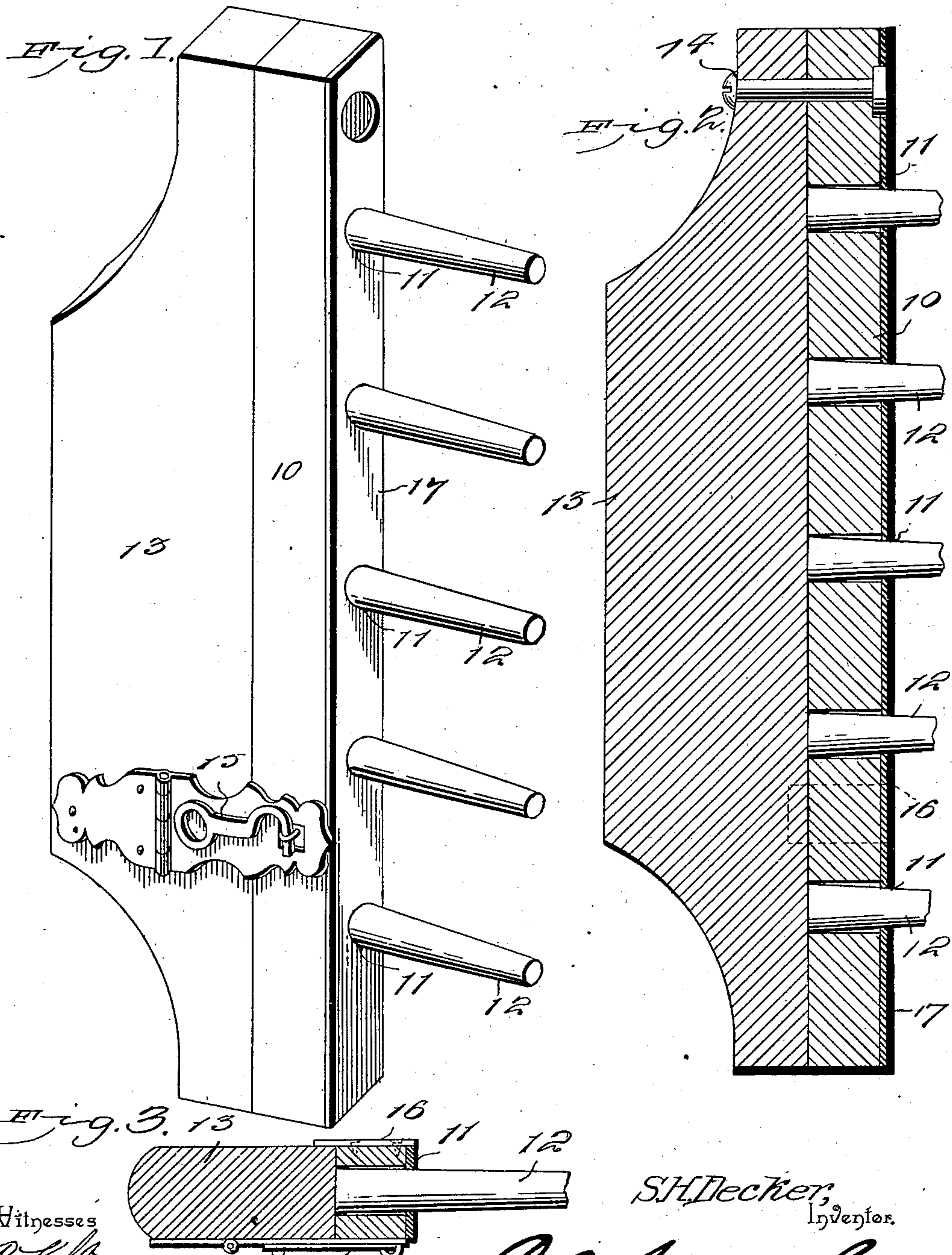


No. 724,445.

PATENTED APR. 7, 1903.

S. H. DECKER.
CRAYON HOLDER.
APPLICATION FILED MAY 10, 1902.

NO MODEL.



Witnesses

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UNITED STATES PATENT OFFICE.

SIMON H. DECKER, OF ELMIRA, NEW YORK.

CRAYON-HOLDER.

SPECIFICATION forming part of Letters Patent No. 724,445, dated April 7, 1903.

Application filed May 10, 1902. Serial No. 106,820. (No model.)

To all whom it may concern:

Be it known that I, SIMON H. DECKER, a citizen of the United States, residing at Elmira, in the county of Chemung and State of New York, have invented a new and useful Crayon-Holder, of which the following is a specification.

This invention has for its object the production of a simple inexpensive device whereby a number of parallel lines may be drawn upon a blackboard or other analogous surface to form the lines of the staff in music or for writing or other exercises; and the invention consists in certain novel features of construction, as hereinafter shown and described, and specified in the claims.

In the drawings illustrative of the invention, Figure 1 is a perspective view of the device complete. Fig. 2 is a longitudinal section. Fig. 3 is a transverse section on the line III III of Fig. 2.

The device comprises a head 10, having a series of apertures 11 for supporting the crayons (represented at 12) and with a backing plate or stop 13 engaging the back surface of the head and retaining the crayons in position therein. Attached to the face of the head 10 is a strip 17 of rubber or other yieldable material, having perforations closely engaging the crayons 12, as shown. The apertures 11 are larger than the crayons at their outer ends, as indicated in Figs. 2 and 3, so that the crayons will have lateral play in all directions to enable them to yield under pressure when in use and obviate the tendency to break. By this simple expedient the crayons will yield laterally when being used and not be so liable to break as when inclosed by unyielding clamping means. This is an important feature of the device and adds materially to its efficiency. The backing-plate is movably supported upon the head 10, so that the crayons may be renewed, and may be connected thereto in any suitable manner, but will preferably be secured, as by a bolt 14, at one end and a hook-catch 15 at the other end, as shown in Fig. 1, the side of the head opposite the catch having a stop 16 to limit the movement of the backing-plate. The plate 13 will be extended to form a hand-grip, as shown, to assist in operating the implement. Any required number of the apertures 11 may

be employed, but generally five will be used, as the implement will generally be employed to draw the five spaced music "staff-lines" upon the blackboard in schools. The instrument when thus constructed is in very convenient shape for use and will be found very useful for the purpose intended. Its extreme simplicity will render it easy of operation and insure its cheapness of manufacture.

The rubber strip 17, which spans the spaces between the outer edges of the crayon-seats and the peripheries of the crayons disposed in said seats, serves to exclude dust from said seats and avoids filling up or choking thereof. This strip has a sufficient frictional engagement with the crayons to prevent their falling from the head 10, and it also acts as a cushioning device for holding the crayons in intermediate positions in their seats, while permitting them to yield laterally in all directions at right angles to their lengths.

Having thus described my invention, what I claim is—

1. A crayon-holder having a head provided with crayon-receiving apertures extending therethrough and adapted to admit crayons at their rear ends, and movable means for closing the rear ends of the apertures to receive the rearward pressure of crayons arranged therein.

2. A crayon-holder comprising a head having apertures adapted to support crayons by one end, a guard-plate engaging the rear side of said head and extended into a hand-grip, and means for detachably connecting said guard-plate to said head, substantially as described.

3. A crayon-holder comprising a head having crayon-supporting apertures, a guard-plate engaging the rear of said head and retaining said crayons therein, a bolt uniting said guard-plate and said head at one end, whereby said guard-plate is laterally removable from said head, and means for detachably connecting said guard-plate and head at their free ends, substantially as described.

4. In a crayon-holder, a head having crayon-supporting apertures, a guard-plate engaging the rear of said head and retaining said crayons therein, a bolt pivotally uniting said guard-plate and head at one end, a stop to limit relative movement of the head and guard-plate

and detachable means for locking said guard-plate in its operative position upon said head, substantially as described.

5 5. A crayon-holder comprising a head having apertures adapted to support crayons, a plate of yieldable material carried by and having apertures registering with the apertures in, the head and embracing said crayons and affording a yieldable support for the same,
10 substantially as described.

6. A crayon-holder comprising a head having apertures adapted to support crayons, a plate of yieldable material carried by and having apertures registering with the apertures
15 in, the head and embracing said crayons and affording a yieldable support therefor, and a plate movably attached to said head and adapted to retain the crayons therein, substantially as described.

20 7. A crayon-holder comprising a head having apertures adapted to receive and support crayons at one end, the outer ends of the apertures being larger than the crayons, a plate of yieldable material carried by the head and
25 having apertures registering with the apertures in the head and embracing said crayons, and affording a yieldable support thereto, substantially as described.

8. A crayon-holder comprising a head hav-

ing apertures adapted to receive and support 30 crayons at one end, the outer ends of the apertures being larger than the crayons, a plate of yieldable material carried by the head and having apertures registering with the apertures in the head and embracing the crayons, 35 and affording a yieldable support thereto, and a plate movably attached to said head and adapted to retain the crayons therein, substantially as described.

9. A crayon-holder having crayon-seats, 40 and cushioning means for frictionally engaging and yieldingly holding the crayons in their seats and for excluding dust from said seats.

10. A crayon-holder having crayon-seats, 45 and cushioning means for frictionally engaging the entire peripheries of the crayons and yieldingly holding them in their seats, said cushioning means also serving to exclude dust from the seats. 50

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SIMON H. DECKER.

Witnesses:

FRANK M. VAN GORDER,
ELISHA C. HARDING.