

No. 876,451.

PATENTED JAN. 14, 1908.

L. HALL.

ERASING SHIELD FOR DRAFTSMEN.

APPLICATION FILED SEPT. 19, 1905. RENEWED APR. 8, 1907.

FIG 1

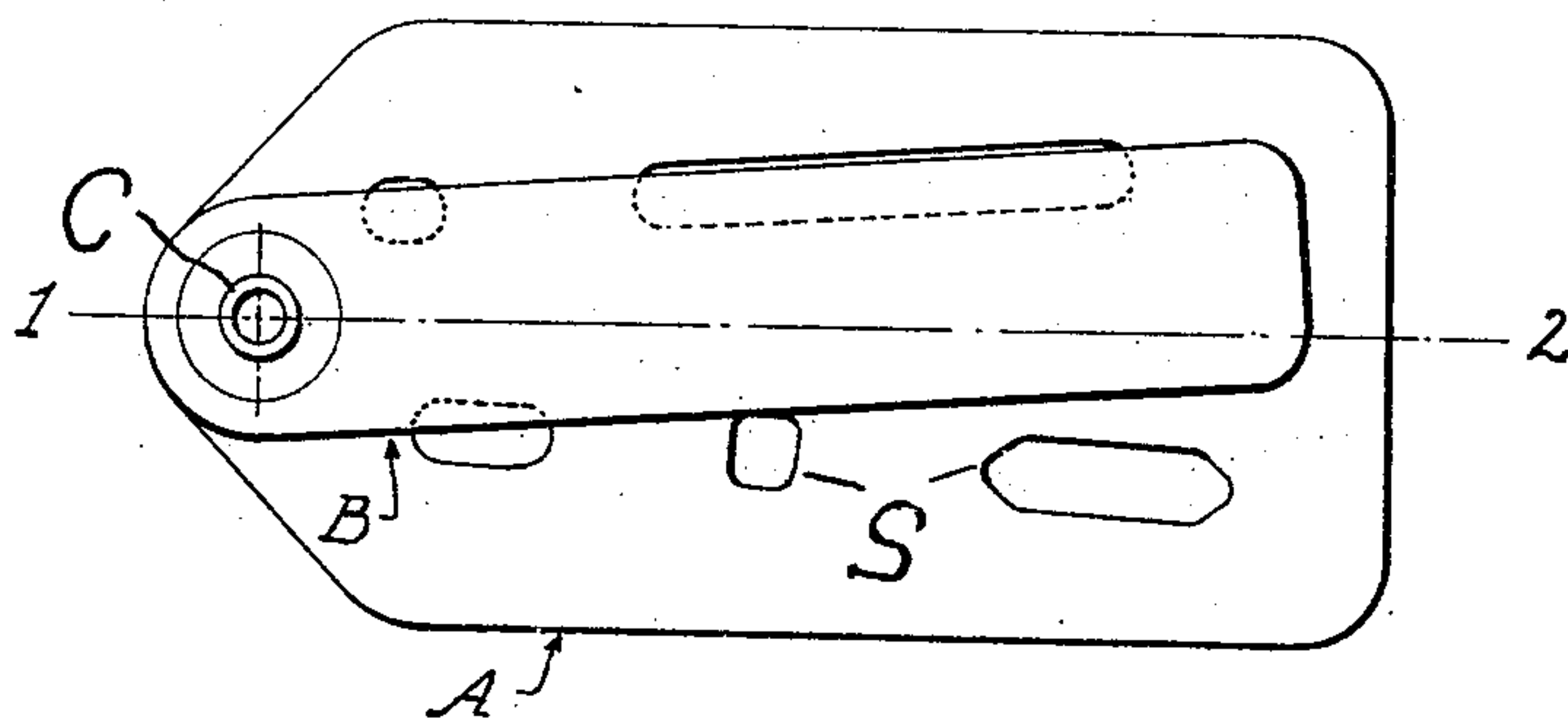


FIG 2

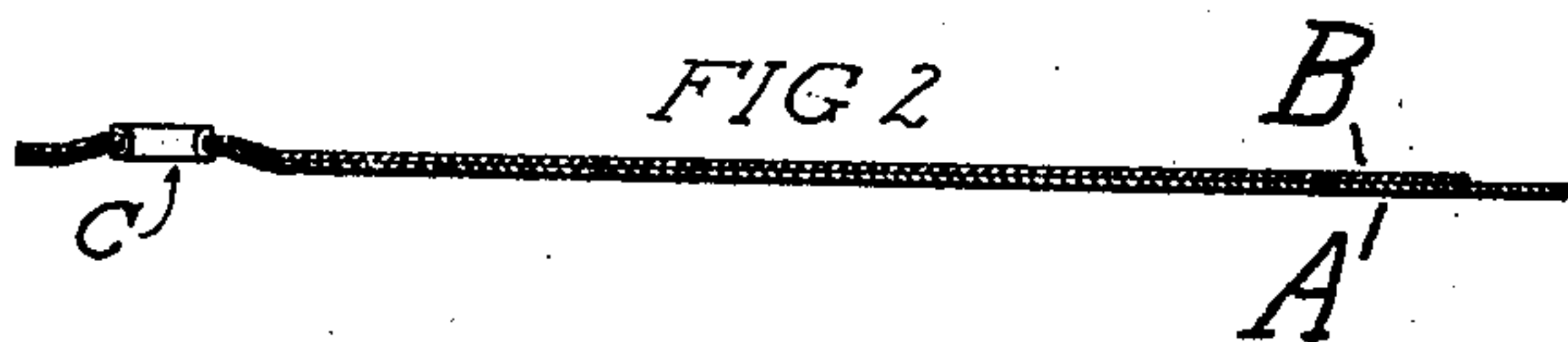
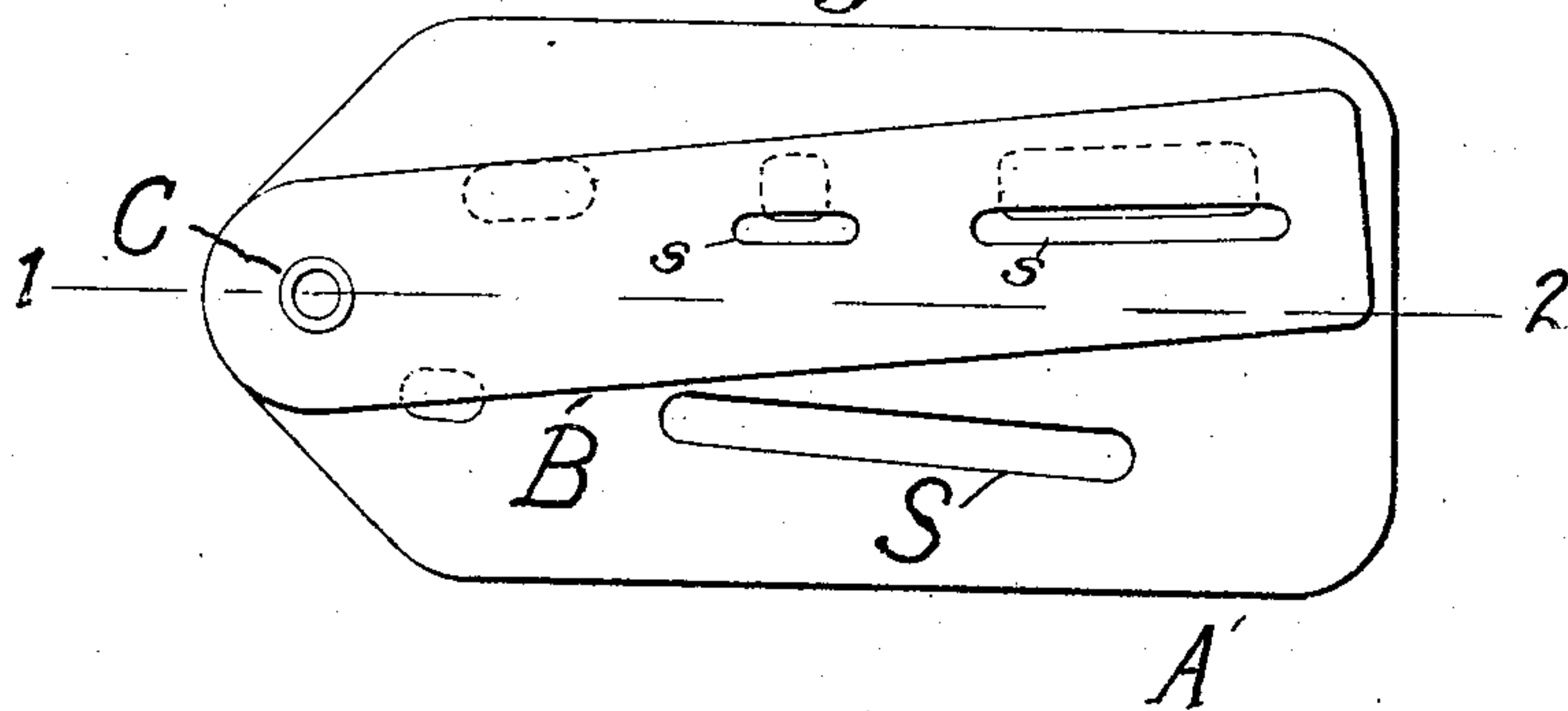


Fig. 3



WITNESSES:

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ERASING-SHIELD FOR DRAFTSMEN.

No. 876,451.

Specification of Letters Patent.

Patented Jan. 14, 1908.

Application filed September 19, 1905, Serial No. 279,127. Renewed April 8, 1907. Serial No. 367,070.

To all whom it may concern:

Be it known that I, LEE HALL, a citizen of the United States, residing at Kansas City, Missouri, have made certain new and useful Improvements in Erasing-Shields for Draftsmen, of which the following is a specification.

My invention relates to erasing shields, and more particularly to a device of that class for use by draftsmen; the object of my invention being to provide a shield in which the size of the erasure opening may be varied to meet different requirements, and to admit of the erasure of a line drawn very close to another line, or between two closely bordering lines, without erasing or partially erasing such adjacent lines. This object may be accomplished by providing the shield with narrow slots, but such slots would soon be worn to a greater width and the utility of the shield destroyed. I therefore provide my shield body with slots of the ordinary width, and provide an auxiliary portion for adjustment over said slots, to vary their width to the extent desired; a preferred construction for the embodiment of my invention being illustrated in the accompanying drawings in which—

Figure 1 is a top plan view of an erasing shield constructed according to my invention. Fig. 2 is a longitudinal sectional view of the same, on the line 1—2, Figs. 1 and 3. Fig. 3 is a top plan view of the shield showing the auxiliary plate provided with erasure slots.

Referring more in detail to the parts:—A designates a shield plate having the erasure slots S, which may be of any desired number or contour; and through which lines may be erased from a drawing over which the shield is placed.

Movably mounted on plate A is an auxiliary plate B, which is adapted to move over the slots S and regulate their width to the extent desired, the slots S in the shield member being so located that their edges will be parallel with the edge of the movable plate B, or with the edges of the slots S with which said plate may be provided.

The auxiliary plate B is preferably pivoted to shield A by an eyelet C, both the members B and A being dished upwardly at the pivotal point to enable the shield body to rest flatly on a drawing sheet or board; this being my preferred form of mounting, although any suitable device by means of

which the auxiliary plate may be movably attached to the shield, may be used.

Both the shield body A and auxiliary member B are preferably formed from very thin metal, to better enable the eraser to extend through to the drawing sheet.

In using the shield, the bottom member A is placed on a drawing sheet, so that the line, which it is desired to erase, is exposed through one of the slots S, the shield being arranged so that the line will be close to the slot edge; the movable member is then adjusted so that only the line to be erased will show between the edge of said member or the edge of said movable member slots, and the eraser is applied to the sheet between such member edges and the line erased without marring the rest of the drawing.

With such a device the wearing away of the material, from use, does not affect its utility, as the slot opening is adjusted for each separate application.

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

1. An erasing shield comprising a base plate, having a slot adapted to expose a portion of a surface over which said plate is posited, and an auxiliary plate carried by and adapted for lateral movement over said base plate, to regulate the width of said slot, for the purpose set forth.

2. An erasing shield comprising a base plate, having a slot therein adapted to expose a portion of a surface over which said plate is posited, a stud on said base plate, and an auxiliary plate mounted on said stud and adapted for movement over said base plate.

3. An erasing shield comprising a base plate, having a slot therein adapted to expose a portion of a surface over which said plate is posited, a stud on said base plate, and an auxiliary plate revolvably mounted on said stud and adapted for movement over the slot in said base plate, for the purpose set forth.

4. An erasing shield comprising a base plate having a perforation adapted to expose a portion of a surface over which said plate is posited, and an auxiliary plate pivoted to said body plate and adapted for movement over said perforation, the perforation in said body plate being so arranged that one of its edges is parallel with one edge

of said auxiliary plate when said plate is moved thereover.

5 5. An adjustable erasing shield consisting of two thin plates pivoted together; the bottom plate perforated to allow the action of an eraser through it, and the top plate adapted to cover a portion of any perforation in the bottom plate, thus forming an opening of any desired narrowness in the bottom

plate through which a line may be erased 10 although the same may be very close to adjacent lines.

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

LEE HALL.

Witnesses:

PERRY THURMAN,
PETER A. DORNVILLE.