H. F. HOEFLE & G. W. ADAMS.

TRIMMING BOARD.

APPLICATION FILED APR. 18, 1917.

1,270,823. Patented July 2, 1918.

Fig. 1

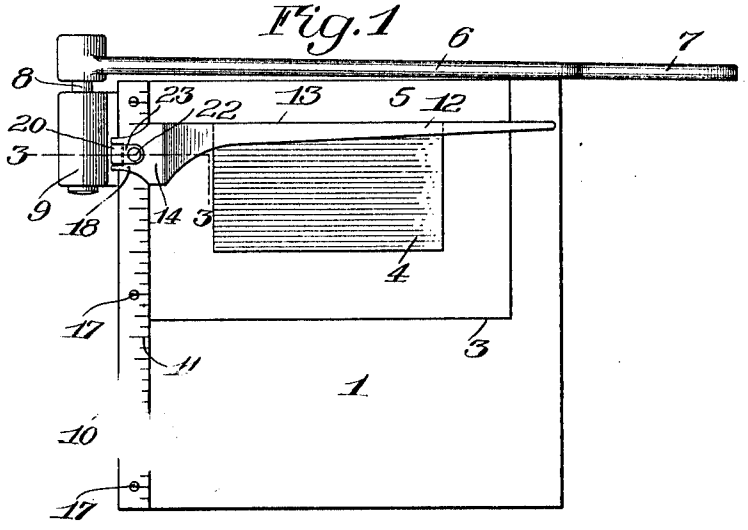


Fig. 2

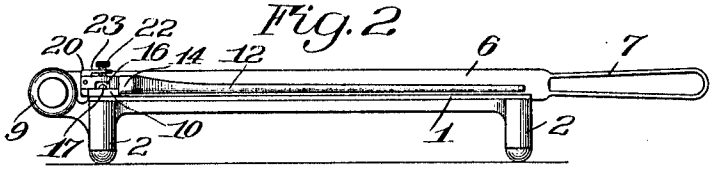


Fig. 3

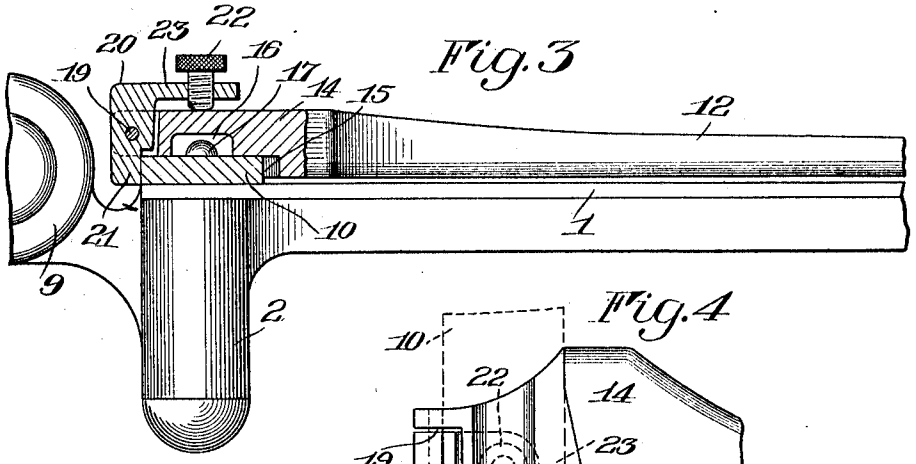
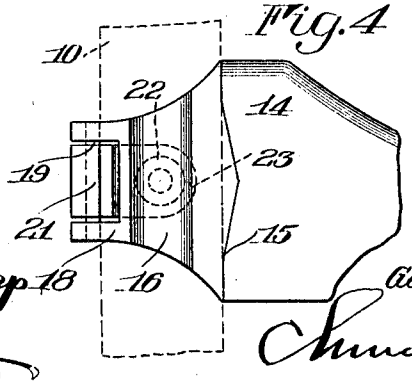


Fig. 4



WITNESSES:

Nelson H. Copp

Russell B. Griffith

INVENTORS

Hugo F. Hoefle

George W. Adams

BY

Church & Rich

Their ATTORNEYS

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

UNITED STATES PATENT OFFICE.

HUGO F. HOEFLE AND GEORGE W. ADAMS, OF ROCHESTER, NEW YORK, ASSIGNORS TO EASTMAN KODAK COMPANY, OF ROCHESTER, NEW YORK, A CORPORATION OF NEW YORK.

TRIMMING-BOARD.

1,270,823. Specification of Letters Patent. Patented July 2, 1918.

Application filed April 18, 1917. Serial No. 163,048.

To all whom it may concern:

Be it known that we, HUGO F. HOEFLE and GEORGE W. ADAMS, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Trimming-Boards; and we do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

Our present invention relates to trimming boards by means of which sheet material is cut to definite shapes and sizes and more particularly to the type of board used for trimming photographic prints in order that they may be kept in such manner as to leave a border of a desired width around the picture area and the invention has for its object to provide a simple, cheap and convenient device of this nature employing a gage that can be easily and quickly adjusted and is easily removed when desired though adequately fastened in place when in use. To these and other ends the invention resides in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings:

Figure 1 is a plan view of a trimming board constructed in accordance with and illustrating one embodiment of our invention;

Fig. 2 is an end view thereof;

Fig. 3 is an enlarged fragmentary section taken substantially on the line 3—3 of Fig. 1, and

Fig. 4 is an enlarged fragmentary bottom view of the body portion of the gage.

Similar reference numerals throughout the several views indicate the same parts.

The body or table 1 of the board, supported on legs 2, is flat and preferably rectangular in form so that the sheet to be cut may be laid thereon and moved about freely. 3 indicates a photograph in process of being trimmed, 4 the picture area thereof and 5 the border that is to be cut to a uniform width. At the front end of the table 1 is a vertically swinging shearing blade or knife 6 having an operating handle 7 and a journal 8 mounted in a bearing 9 projecting laterally from the table.

At the left edge of the table we provide a raised guide strip 10 having a scale 11 suitably marked thereon in the nature of a straight edge or rule. This guide extends at right angles to the knife 6 and by holding one edge of the print 3 against the guide, an adjacent edge can be trimmed at right angles. A gage arm 12 is slidably mounted on the guide 10 parallel with the knife and adapted to be moved toward and from the latter. It projects over and parallels the table 1 just a sufficient distance above its surface to permit the introduction and movement of the sheet 3 beneath it. The longitudinal edge 13 that is disposed toward the knife is a straight edge intersecting the guide 10 at right angles and readily movable into register with the graduations of the scale 11. The body portion 14 of the gage spans the guide 10 and has a shoulder 15 underneath that coöperates with the inner edge or side of the guide. It also has a recessed portion 16 to provide clearance for the screws 17 that hold the gage to the table. On the outer side of the guide, the body portion terminates in a yoke 18 mounting a pin 19 on which is pivoted a movable jaw 20. The vertical engaging portion 21 of this jaw coöperates with the outer side of the guide 10 in opposition to the shoulder 15 of the gage and is pressed against it to clamp the gage in fixed position on the guide by a set screw 22 threaded through the other arm 23 of the jaw and abutting the top of the body portion 14.

The mode of operation of the device is obvious, it is thought, from the foregoing. Upon loosening the screw 22, the gage 12 may be moved to any position on the guide and the distance of its straight edge 13 from the knife as registered by the scale 11 determines the width of the border to which the print is to be trimmed. The sides of the picture area 4 are successively brought into line with the edge 13 and the knife operated. After one edge has been trued and placed against the guide. 10, the straight edge 13 will be parallel to a side of the picture area 4 and the latter may therefore be readily moved into register with it. When the screw 22 is loosened, the gage arm 12 is free to be lifted off entirely in case it is desired

to use the board for any purpose without a gage.

It will be noted that the gage is clamped very securely in position when once adjusted and yet it is of simple and cheap construction as is the entire board and the assembling of the device is a very simple matter. No accurate fit on the part of the slidably coöperating members is required.

We claim as our invention:

1. In a trimming board, the combination with a bed, a shearing blade at one end thereof and a raised guide on the bed transverse to the blade and having a scale thereon, of a gage arm supported by and slidable lengthwise of the raised guide and extending over and in spaced relation to the bed parallel with the shearing blade.

2. In a trimming board, the combination with a bed, a shearing blade at one end thereof and a raised guide on the bed transverse to the blade and having a scale thereon, of a gage arm supported by and slidable on the raised guide and extending over and in spaced relation to the bed parallel with the shearing blade, and a clamping device carried by the gage arm and engaging the guide to lock the gage arm against it.

3. In a trimming board, the combination with a bed, a shearing blade at one end thereof and a sheet guide on the bed transverse to the blade, of a gage arm slidable on the guide having a base portion spanning the same and a shoulder coöperating with a side face thereof, a clamping jaw pivoted on the base portion of the arm, and coöperating with the opposite face of the guide, and a clamping screw arranged to act between the jaw and base portion.

HUGO F. HOEFLE.
GEORGE W. ADAMS.

Witnesses:
HELEN M. FRASER,
MARGARET DUIGNAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."