

(No Model.)

H. H. NEWCOMB.

APPARATUS FOR TRIMMING PHOTOGRAPHIC PRINTS.

No. 476,481.

Patented June 7, 1892.

Fig. 1.

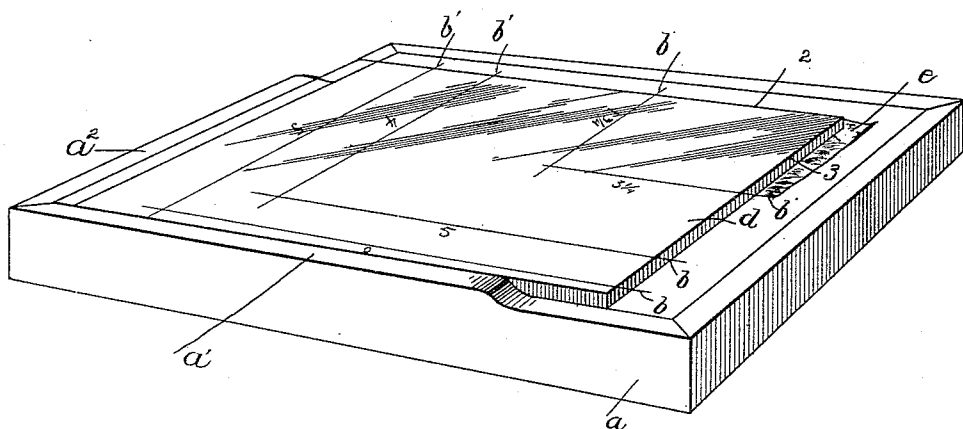
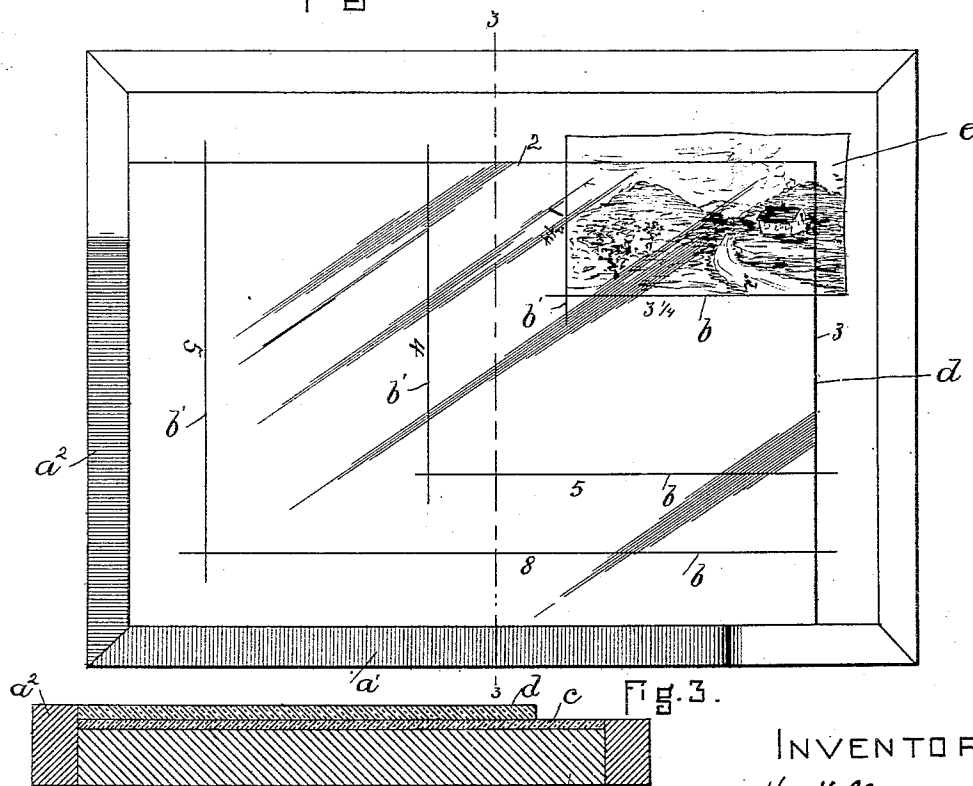


Fig. 2.



WITNESSES;
H. A. Hall
J. A. McShane.

INVENTOR:

H. H. Newcomb,
by Knight Brown Coraley
Atty.

UNITED STATES PATENT OFFICE.

HARRY H. NEWCOMB, OF BOSTON, MASSACHUSETTS.

APPARATUS FOR TRIMMING PHOTOGRAPHIC PRINTS.

SPECIFICATION forming part of Letters Patent No. 476,481, dated June 7, 1892.

Application filed February 23, 1892. Serial No. 422,362. (No model.)

To all whom it may concern:

Be it known that I, HARRY H. NEWCOMB, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Apparatus for Trimming Photographic Prints, of which the following is a specification.

This invention has for its object to provide a simple and convenient device whereby photographic prints may be trimmed in rectangular form and to any desired size; and it consists in the improvements which I will now proceed to describe.

Of the accompanying drawings, forming part of this specification, Figure 1 represents a perspective view of my improved trimming apparatus. Fig. 2 represents a top plan view of the same. Fig. 3 represents a section on line 3 3, Fig. 2.

The same letters of reference indicate the same parts in all the figures.

In carrying out my invention I provide a supporting base or bed *a* of rectangular form, which is provided with a series of guiding lines or marks *b b b*, extending parallel with one of its sides, and a similar series of marks *b' b' b'*, extending parallel with another of its sides, the marks *b* and *b'* forming right angles, as shown in Fig. 2. I prefer to form the marks *b b'* upon a surface which is covered by a transparent plate *c*, of glass, the marks being formed on the material of which the supporting-base is composed, said material being preferably of wood. The glass plate *c* protects the base and the marks thereon and acts as a cutting-bed to adapt it to co-operate with a hardened steel rotary knife, such as is commonly used in trimming photographs. The bed *a* is provided upon two of its sides with raised flanges *a' a'*, said flanges forming a right angle.

d represents a rectangular plate, preferably of glass, of smaller size than the base *a*, and so proportioned that when two of its edges bear against the flanges *a' a'* its other two edges will co-operate with the lines *b b'* in forming a rectangle of given dimensions, which dimensions are preferably marked upon the base *a* in suitable proximity to the lines. In other words, the edges 2 3 of the plate *d* co-operate with one set of lines *b b'* in form-

ing a rectangle of the size for which said lines were intended, one side of said rectangle being, for example, three and one-fourth inches long and the other one and three-fourths inches long. The next set of lines *b b'* co-operate with said edges in forming a rectangle, which may be five inches long in one direction and four inches long in another, and so on, the edges of the plate *d* co-operating with as many sets of lines *b b'* as may be formed upon the base.

The operation is as follows: A print *e* to be trimmed is placed upon a glass plate *c*, and the plate *d* is placed upon it and held down with sufficient firmness to retain the print in place while the operator trims its projecting edges by means of a suitable tool guided by the edges 2 3 of the plate *d*. The operator then turns the print around, so that its trimmed edges will coincide with the lines *b b'* of the desired size, and then trims the other two edges in the same manner, the result being that the print is cut in an exactly rectangular form and of the exact size of the rectangle described by the edges 2 3 of the plate *d* and the lines *b b'* on the bed.

It will be seen that this improved device enables the operator to quickly and accurately trim photographic prints without liability of cutting the prints out of true by their slipping while being cut.

The device is particularly intended for the use of amateur photographers, although it may obviously be used for trimming paper or like material for any other purpose or purposes.

I claim—

1. A paper-trimming device comprising in its construction a bed provided at two of its edges with raised stops or flanges *a' a'* and on its face with lines *b b'*, all relatively arranged, as shown, and a plate or guide *d*, formed to bear at two of its edges against the stops *a' a'* and to bear on the bed, two of the edges of said plate constituting guides for a trimming-tool, as set forth.

2. A paper-trimming device comprising in its construction, first, a bed having raised stops *a' a'* at two of its edges, lines *b b'* on its face, and a transparent plate *c*, covering said lines and constituting a cutting-bed, and, sec-

only, a transparent plate or guide *d*, formed
to bear at two of its edges against the stops
a' *a*² and to bear on the bed, two of the edges
of said plate constituting guides for a trim-
5 ming-tool, as set forth.

In testimony whereof I have signed my
name to this specification, in the presence of

two subscribing witnesses, this 18th day of
February, A. D. 1892.

HARRY H. NEWCOMB.

Witnesses:

C. F. BROWN,

A. D. HARRISON.