

A. M. BANKS.
 DEVICE FOR DRYING PHOTOGRAPHIC FILMS.
 APPLICATION FILED OCT. 31, 1908.

923,481.

Patented June 1, 1909.

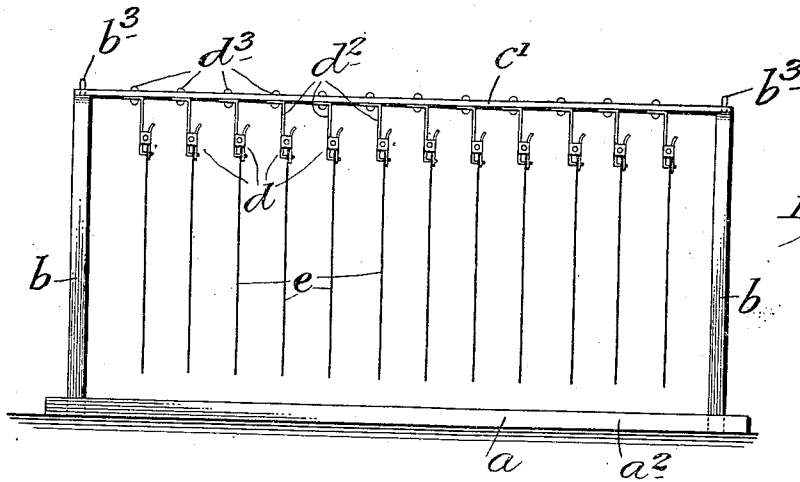


Fig. 1.

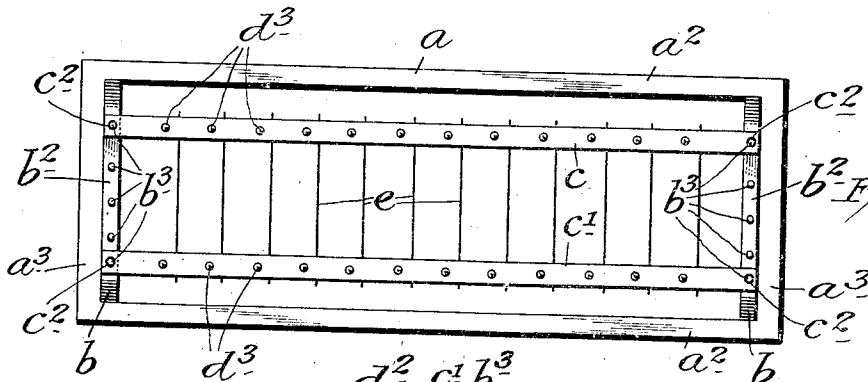


Fig. 2.

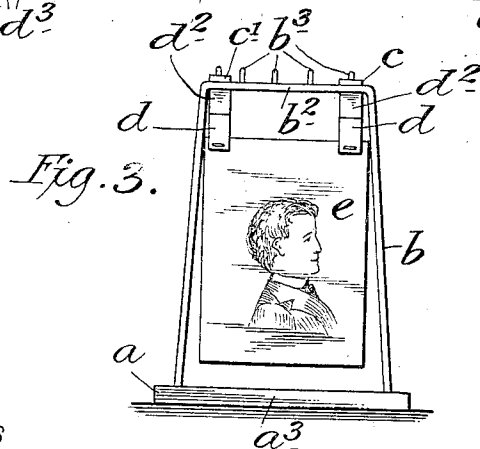


Fig. 3.

WITNESSES
A. R. Appleman
W. E. Dwyer

INVENTOR,
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 BY *Edgar Tate & Co.*
 ATTORNEYS

UNITED STATES PATENT OFFICE

ARTHUR M. BANKS, OF BROOKLYN, NEW YORK.

DEVICE FOR DRYING PHOTOGRAPHIC FILMS.

No. 923,481.

Specification of Letters Patent.

Patented June 1, 1909.

Application filed October 31, 1908. Serial No. 460,475.

To all whom it may concern:

Be it known that I, ARTHUR M. BANKS, a citizen of the United States, and residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Devices for Drying Photographic Films, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to devices for drying photographic films; and the object thereof is to provide an improved device of this class by means of which photographic films of different widths may be held in proper shape while drying, and with this and other objects in view the invention consists in a device of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which;—

Figure 1 is a side elevation of a photographic film drying device embodying my invention, Fig. 2 a plan view thereof, and;— Fig. 3 an end view.

In the practice of my invention, I provide a frame comprising a suitable base or support *a*, said base or support, in the form of construction shown, comprising parallel side members *a*² and parallel end members *a*³, and said frame or support is provided with upright end members *b* having horizontal top parts *b*². The top parts *b*² of the upright end members *b* are provided with spaced pins *b*³, and mounted on said upright end members are bars *c* and *c*¹, the end portions of which are provided with holes *c*² adapted to receive the pins *b*³, and by means of this construction the bar *c*¹ may be adjusted toward and from the bar *c*.

The bars *c* and *c*¹ are provided with equally spaced depending spring clamp devices *d* having, in the form of construction shown, shank members *d*² by means of which they are rigidly secured to said bars, this connection being made by pins, screws, rivets or other devices *d*³, and the clamp devices *d* are of the usual spring clamp form, and in practice the photographic films *e* are connected therewith and suspended from the bars *c* and *c*¹ as clearly shown in the drawing.

In practice, I prefer to provide the bars *c* and *c*¹ with twelve clamp devices each, by reason of the fact that there are twelve films in the ordinary package, and all the films in one package may thus be dried at one operation.

The films *e* range transversely of the film holder, and are suspended from both of the bars *c* and *c*¹ as clearly shown, and when the films are suspended in this manner they will be held in proper shape during the process of drying. The pins *b*³ may be arranged in any desired manner, but I prefer to arrange them as shown in the drawing, and when drying the largest size of films the bar *c*¹ is placed as shown in Fig. 2; for the next smaller size the bar *c*¹ is moved inwardly to the next adjacent pins, and for the next smaller size of films the bar *c*¹ is moved inwardly one more step or over another space, and the pins *b*³ adjacent to the bar *c* are intended to hold the bar *c*¹ when the smallest size of films are being dried. By providing the clamps *d* with rigid shanks and rigidly securing the same to the bars *c* and *c*¹ the films are more securely and properly held.

My improved photographic film drying device is simple in construction and operation, and changes in and modifications of the construction thereof as shown and described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

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

1. A photographic film drying device comprising a suitable frame or support having upright end members provided with horizontal top parts, said top parts being provided with pins, and bars the ends of which are provided with holes adapted to receive said pins, said bars being provided with depending spring clamps.

2. A photographic film drying device comprising a frame or support, parallel bars mounted thereon, and spring clamps suspended from said bars and composed of separate parts, each of said clamps being provided with a shank rigidly secured to the bar from which it is suspended.

3. A photographic film drying device comprising a frame or support, parallel bars mounted thereon and movable toward and

from each other, and spring clamps suspended from said bars and composed of separate parts, each of said clamps being provided with a shank rigidly secured to the bar
5 from which it is suspended.

In testimony that I claim the foregoing as my invention I have signed my name in

presence of the subscribing witnesses this 30th day of October, 1908.

ARTHUR M. BANKS.

Witnesses:

C. E. MULREANY,
A. R. APPLEMAN.