

B. L. SPITZER.
FILM MOUNT.
APPLICATION FILED MAY 20, 1915.

1,179,969.

Patented Apr. 18, 1916.

Fig. 1.

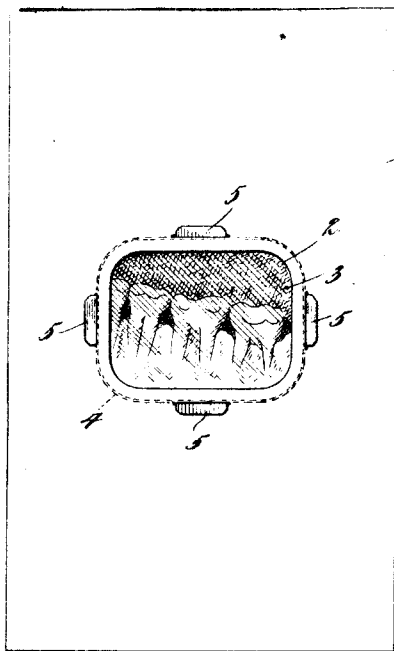
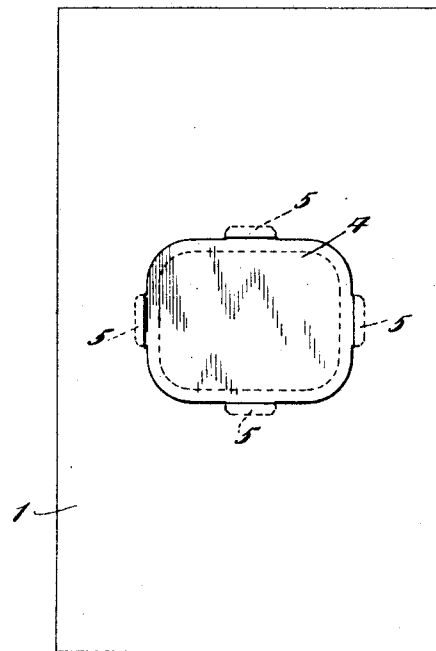


Fig. 2.



Witnesses
Geo. L. Spitzer
Henry M. Spitzer

Inventor
Benjamin L. Spitzer
By his Attorneys
Rosenbaum, Lockridge & Borst

UNITED STATES PATENT OFFICE.

BENJAMIN L. SPITZER, OF NEW YORK, N. Y., ASSIGNOR TO AMERICAN X-RAY EQUIPMENT CO., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

FILM-MOUNT.

1,179,969.

Specification of Letters Patent.

Patented Apr. 18, 1916.

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To all whom it may concern:

Be it known that I, BENJAMIN L. SPITZER, a citizen of the United States, residing at the city of New York, in the borough of Manhattan and State of New York, have invented certain new and useful Improvements in Film-Mounts, of which the following is a full, clear, and exact description.

10 This invention relates to film mounts and more particularly to mounts adapted for use with developed films, *i. e.*, transparent positives or negatives, being particularly adapted for use with radiographs or X-ray
15 photographs which are made by dentists to determine the location of the cavities in the teeth, before any work is commenced. Small films are most frequently used for this purpose, being usually of dimensions
20 not greater than 3"x2 1/4", and it is the object of my invention to provide a mount of a simple and cheap construction, which will permit such films to be viewed in transmitted light.

25 Other objects of the invention are to provide a mount similar to an index card, which may be conveniently filed for future reference after such data as is desired is written on the card; to provide a mount which will
30 protect the emulsion side of the film from being scratched or otherwise injured; and to provide a mount which will cut off the transmitted and reflected light surrounding the film to cause the detail of the image on
35 the film to stand out clearly and distinctly.

With these and other objects in view the invention consists of a card having an opening therein covered by a backing of light transmitting material such as celluloid,
40 which forms with the card a pocket adapted to receive the film and to expose it before the opening in the card so that it may be properly viewed in transmitted light.

In the accompanying drawings, Figure 1
45 is a view showing the front face of the mount and film; and Fig. 2 is a view of the rear face of the mount.

The card 1 upon which the film is mounted is of any opaque material such as heavy
50 paper and the like, upon which may be written the name and address of the patient whose teeth are shown in the accompanying photograph, the dentist's diagnosis, and such other data as may be desired. The
55 card is preferably of a size to be conven-

iently filed in any of the standard filing cabinets. Cut in the card, preferably adjacent its center, is a rectangularly-shaped or other suitably shaped opening 2 corresponding in shape but slightly smaller in size than
60 the radiographic film 3, which is positioned behind the same and which therefore rests against the face of the card surrounding the opening.

Secured to the back of the card and covering the opening 2, is a piece or strip 4
65 of light-transmitting material, such as celluloid, which serves as a backing for the film to hold it in place. In the construction shown, the backing 4 is somewhat
70 larger in size than the opening 2, but is preferably of the same shape, or in other words, is about the size of the film. The backing is provided with projections or tabs
75 5 which fit into slits cut in the card, one of the slits being preferably arranged adjacent to and parallel to each side of the rectangularly shaped opening. To insert the film in place, three tabs or projections
80 are first passed through their corresponding slits thereby forming a pocket in which the film is placed, which will correctly position it before the opening 2 in the card. The remaining tab is then inserted through
85 its slit and the film is then held on all four sides so that it cannot be displaced. The film is placed with its emulsion side against the backing which serves as a protector for the same and prevents it from being
90 scratched or otherwise injured through careless handling.

While the backing 4 may be of any light-transmitting material yet it is preferred to use a translucent backing which will eliminate any foreign objects from the trans-
95 mitted light such as the filament of an electric lamp, which would impair the clearness of the detail of the picture. The surface of the opaque card is preferably colored black and cuts off the transmitted and
100 reflected light which causes the image to stand out more clearly when viewed in transmitted light.

While I have shown one form of means for securing the light-transmitting backing
105 in place, yet it is apparent that this backing may be secured in place in other ways, and yet form, with the face of the card surrounding the opening, a pocket which is
110 adapted to receive the film and hold it in

place, and it is intended that all such constructions shall come within the purview of the invention as set forth in the appended claims.

5 I claim:

1. A mount for radiographic films and the like, comprising an opaque index-card having an opening therein, said card having a plurality of slits therein surrounding the opening, and a backing of light-transmitting material having projections thereon adapted to enter said slits and forming with the face of the card surrounding said opening, a pocket to receive the film.
- 15 2. A mount for radiographic films and

the like, comprising an opaque index card having a suitable writing surface and an opening therein of materially less size than the size of the card, a backing of light transmitting material covering said opening and secured to the edge of said card around said opening, said backing forming with the face of the card surrounding said opening a pocket of a proper size to receive the film.

In witness whereof, I subscribe my signature, in the presence of two witnesses.

BENJAMIN L. SPITZER.

Witnesses:

F. L. HIGGINS,
H. CLEMENT.