

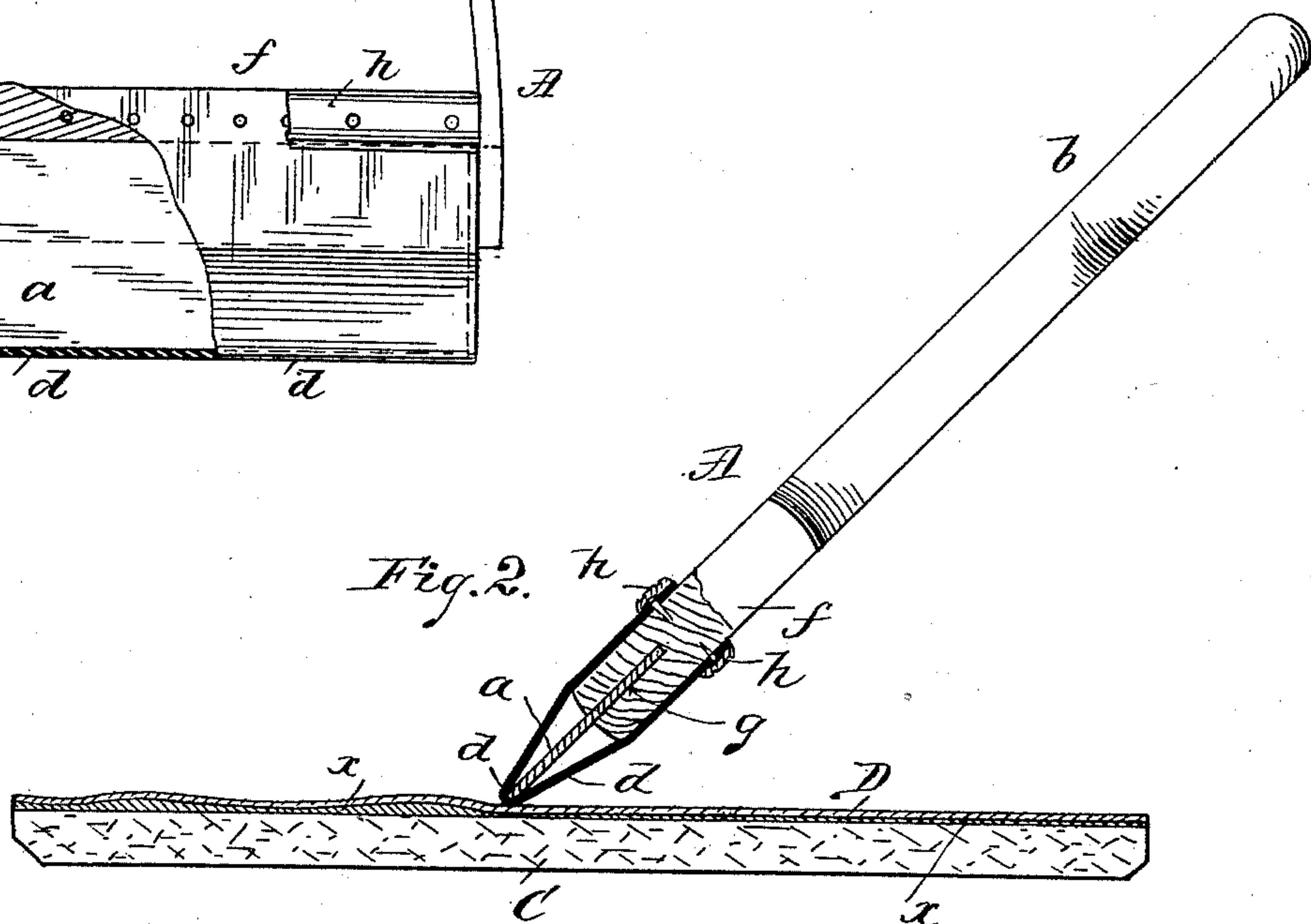
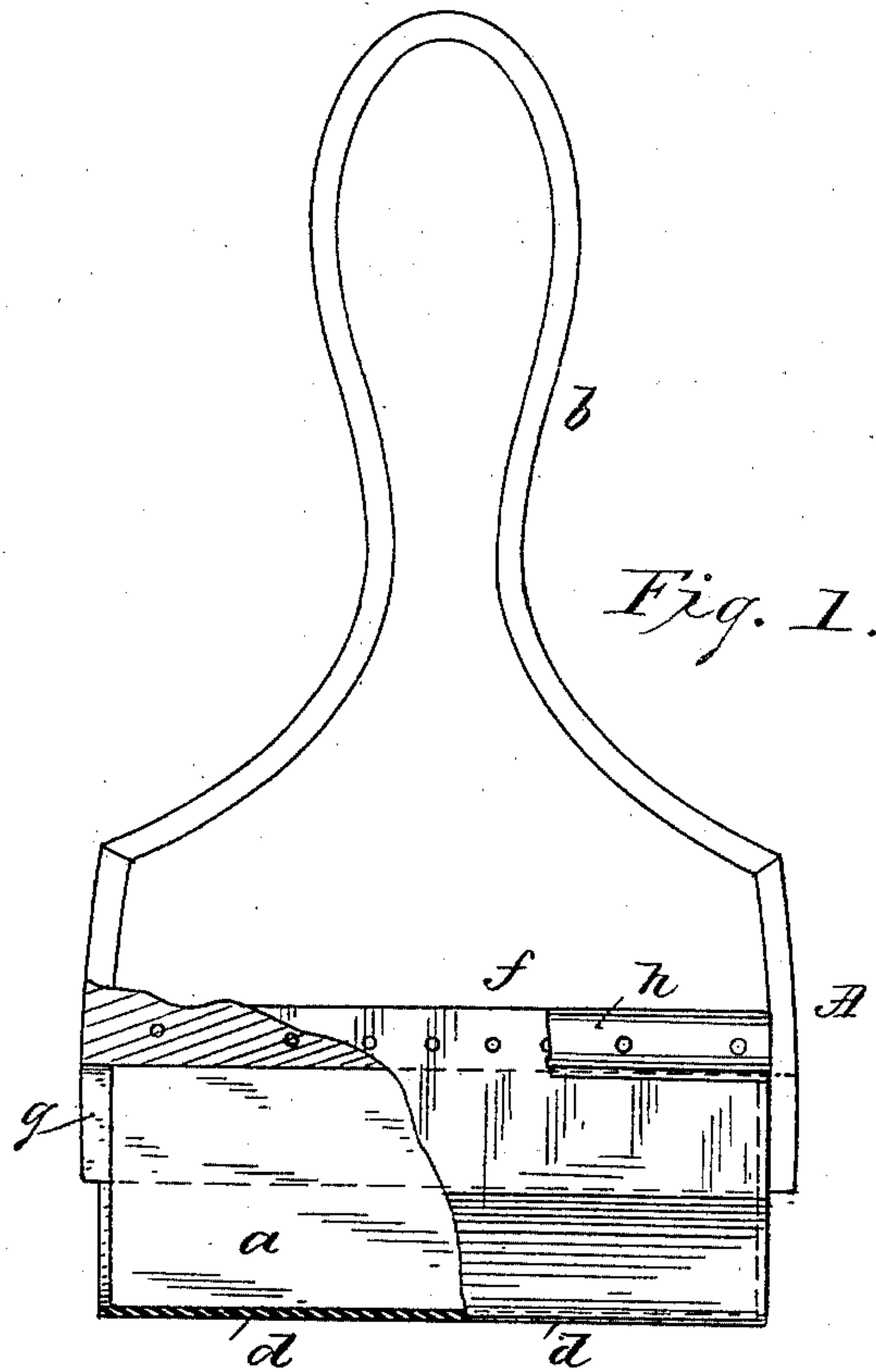
(No Model.)

R. H. L. TALCOTT.

IMPLEMENT FOR MOUNTING PICTURES ON GLASS.

No. 448,692.

Patented Mar. 24, 1891.



Witnesses:

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UNITED STATES PATENT OFFICE.

RICHARD H. L. TALCOTT, OF BOSTON, MASSACHUSETTS.

IMPLEMENT FOR MOUNTING PICTURES ON GLASS.

SPECIFICATION forming part of Letters Patent No. 448,692, dated March 24, 1891.

Application filed January 31, 1890. Serial No. 338,752. (No model.)

To all whom it may concern:

Be it known that I, RICHARD H. L. TALCOTT, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Implements for Mounting Pictures on Glass, of which the following is a specification.

In mounting photographic and other pictures on glass as at present practiced the face of the picture is caused to adhere to the back side of the glass by a cement which is as nearly transparent as it is possible to secure, and in applying the cement it is desirable that the same may be evenly distributed between the face of the picture and the back of the glass, sufficient of the cement being present to insure the complete adhesion, there being desired no unusual thicknesses of the cement in places to cause the picture to lie unevenly against the glass or in any way to mar the tone or effect, and heretofore the securing of the picture to the glass has been performed by smearing the back of the glass or the face of the picture with the cement and placing the surface of the latter against the back of the glass and pressing and rubbing the cement has been evened down in a fair degree, and another method has been to run a hand-roller over the back of the picture; but the use of the roller is found disadvantageous, as it is apt to pick up the paper from behind, lifting it from the glass and carrying it forward around the roll, and at best none of the methods heretofore usually employed have been found to effect the most even placing of the picture on the glass that is desired and the working out of all superfluous cement; and to the end of securing such an even placing of the picture on the glass and of securing the expulsion of all cement from between the face of the picture and the back of the glass under an approved method hereinafter described I have devised an improved implement or device, by use of which such method may be most advantageously consummated, all substantially as will hereinafter fully appear, and be set forth in the claims.

Reference is to be had to the accompanying

drawings, forming part of this specification, in which—

Figure 1 is a side view of the improved picture-mounting implement, parts thereof being broken away and in section for clearer illustration; and Fig. 2 is an edge view of the implement, partly in vertical cross-section, its disposition for operative use in relation to a picture, the adhesive cement therefor, and a plate of glass being shown.

I will first describe the implement.

Said implement or device A consists of a blade or tongue *a*, having an even or straight edge corresponding to the surface of the glass, and a handle-extension *b*, and the edge of said implement is covered with sheet-rubber *d*, the same being secured above the edge of the blade at one side thereof and drawn, under a slight degree of tension, around said blade and back over the other side and there secured.

As preferably constructed, the implement is formed with a quite wide and flat body *f* of wood, as one and a continuation of which is the handle *d*, and from the outer end of said body a saw-kerf *g* is made therein, into which a blade or plate *a* of sheet metal is inserted, the continuous even outer edge of said metal blade standing a short distance outside of the end of the said body, and said edge being preferably slightly rounded. The rubber sheet, passed by its intermediate portion over said edge, is by its terminal portions disposed on opposite sides of the body *f*, being tacked or otherwise secured thereto, a strip or molding *h* being sometimes provided to cover the edge of the sheet-rubber and the tacks. It will be understood that the implement possesses a working-edge which is yielding, backed up by a rigid tongue.

The process of mounting a picture on the back of a plate of glass is as follows: The plate C of glass is laid horizontally with its rear side uppermost and a quantity of the transparent cement employed is poured onto the back of the glass. The photographic print or film comprising the picture is then spread out on the glass with its face to the surface of the glass and adjusted to its proper position. The implement described is then

brought into use for the evening of the print on the glass and the expulsion of all superfluous cement by being by its working-edge carried with a slight pressure and with sliding scraping movements over the back of the print. The sheet-rubber over the metallic tongue or blade which imparts to the working-edge of the device peculiar frictional characteristics, insuring a "bite" or "take" in the contact with the surface of the print, which is effective in forcing the print closely onto the surface of the glass, and under the movements thereof expelling the cement forward, and any unevenness in the glass will be provided for by the "give" of the yielding working-edge. Furthermore, no abrasion of the print will be likely to result from the use of the implement, and the print will not be picked up from the rear as the work is performed.

In Fig. 2 the relations of the parts of a picture, print, and the working-edge of the mounting implement are illustrated, C being the plate of glass, D the picture, the face of which is toward the upper side of the glass, and x represents the cement. The print at the left of the point of contact between same and the edge of the implement is represented as having been pressed to the glass and the superfluous cement expelled, there being shown in advance of the said point of contact an excessive quantity of cement, which excess as the edge of the implement slides or

scrapes farther toward the left will be expelled and worked out from between the print and glass.

By the employment of the described implement, and under the process substantially as set forth, pictures may be properly mounted on glass very quickly and with but very few strokes.

What I claim as my invention is—

1. An implement for mounting picture-sheets on glass, consisting of a suitable handle or stock having secured on and projecting from its forward portion a metallic plate having a thin and continuous rigid edge, and a sheet of rubber by its intermediate portion overlying said edge and by its terminal portions extended therefrom and under tension confined upon the opposite sides of the stock, substantially as described.

2. An implement for mounting picture-bearing sheets on glass, consisting of the carrying body or stock provided with the kerf, the metallic blade or tongue inserted in said kerf, and the sheet-rubber by its intermediate portion covering the edge of said tongue and by its terminal portions confined upon the opposite sides of the stock, substantially as described.

RICHARD H. L. TALCOTT.

Witnesses:

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