(No Model.)

S. M. CRETEAU & R. D. METCALF.

DOOR PLATE, HARNESS ROSETTE, &c.

No. 305,899. Patented Sept. 30, 1884.

Fig. 1.

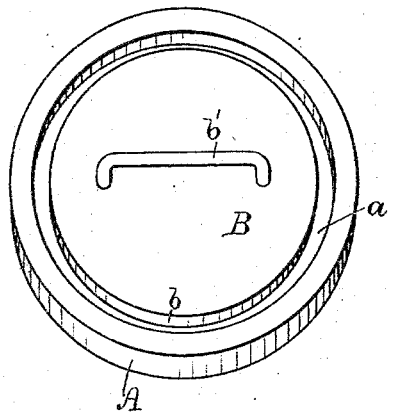


Fig. 2.

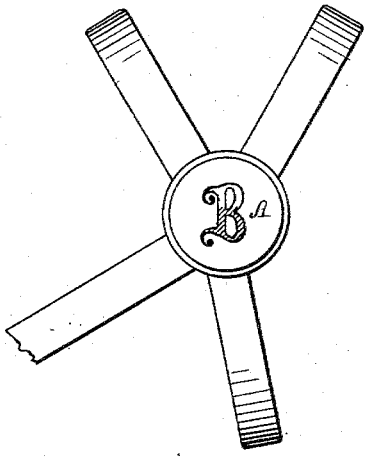


Fig. 3.

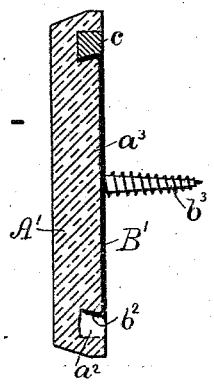
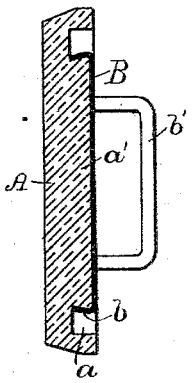


Fig. 4.



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UNITED STATES PATENT OFFICE.

STEPHEN M. CRETEAU AND ROSCOE D. METCALF, OF PROVIDENCE, R. I.

DOOR-PLATE, HARNESS-ROSETTE, &c.

SPECIFICATION forming part of Letters Patent No. 305,899, dated September 30, 1884.

Application filed March 3, 1884. (No model.)

To all whom it may concern:

Be it known that we, STEPHEN M. CRETEAU and ROSCOE D. METCALF, both of the city and county of Providence, and State of Rhode Island, have invented certain new and useful Improvements in Door-Plates, Harness-Rosettes, &c., and the method of making the same, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings forming a part of this specification.

Our invention relates to the unison of the glass fronts of door-plates, or harness-rosettes, or door-knobs, &c., to their metal backs; and the object of our invention is to produce a strong, neat, and invisible union of the parts mentioned.

Our invention consists in the peculiar and novel construction and arrangement of the parts, and in the improved method of so constructing and arranging such parts, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view looking at the back of our improved harness-rosette. Fig. 2 is a view of a portion of a harness-bridle with the rosette attached. Fig. 3 is a sectional side view of our improved door-plate. Fig. 4 is a similar view of our improved rosette.

Heretofore in door-plates, harness-rosettes, &c., the glass fronts have been joined to metal backs by simply setting the edges of the latter around and over the outer edges of the former. This arrangement is objectionable, for the reason that the two parts do not present a harmonious appearance to the eye. In our improved construction the metal backing is entirely concealed from view, while the union between the parts is perfectly strong.

In the drawings, Figs. 1, 2, and 4, A designates the glass front plate of a harness-rosette. Upon the back of this front plate is formed an annular groove, *a*, which produces a central portion, *a'*, which is on a plane with the outer edge of the back of the rosette.

B designates the metal backing, which is formed with a flange, *b*, and also with a loop, *b'*, the latter being for the purpose of receiving the straps by which the rosette is secured to the harness. The backing B is placed upon the raised portion *a'* of the rosette, with the flange *b* in the groove *a* and embracing the sides of the raised portion.

In order to insure the unison between the plate and backing, the sides of the raised portion should be formed flaring somewhat, and the flange of the backing should extend closely in under the sides.

To protect and further strengthen the union between the plate and backing, a quantity of cement, *c*, is run into the groove *a*.

In Fig. 3 we have shown our invention applied to a door-plate.

A' designates the glass front plate, which is formed with the groove a^2 surrounding the central portion a^3, which is on a plane with the outer edge of the front plate.

B' designates the backing-piece, which is provided with the flange b^2 and also with a screw, b^3, by which the device is secured to the door.

The method of putting these parts together is the same as that described in the rosette, the union being protected and strengthened by the cement *c*, as before.

The backing-piece is preferably of sheet metal.

We have shown the rosette and the plate as being round in outline and the packing-piece and grooves of same form; but other forms of these parts may be substituted at will.

Having thus described our invention, we claim—

1. An improved rosette, door-plate, or the like, consisting of a face-plate having a groove in its back constituting a central portion, and a backing-piece having a flange arranged to enter the groove, and arranged to closely embrace the sides of the central portion, substantially as and for the purpose described.

2. The front plate having the groove and the central portion at its back, in combination with the backing-piece having the flange, and the cement filling for the groove, substantially as and for the purpose set forth.

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Witnesses:
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