

No. 647,088.

Patented Apr. 10, 1900.

D. S. HAMMOND, JR.
PAINT GUARD FOR VAULT LIGHTS.

(Application filed June 24, 1899.)

(No Model.)

Fig. 1.

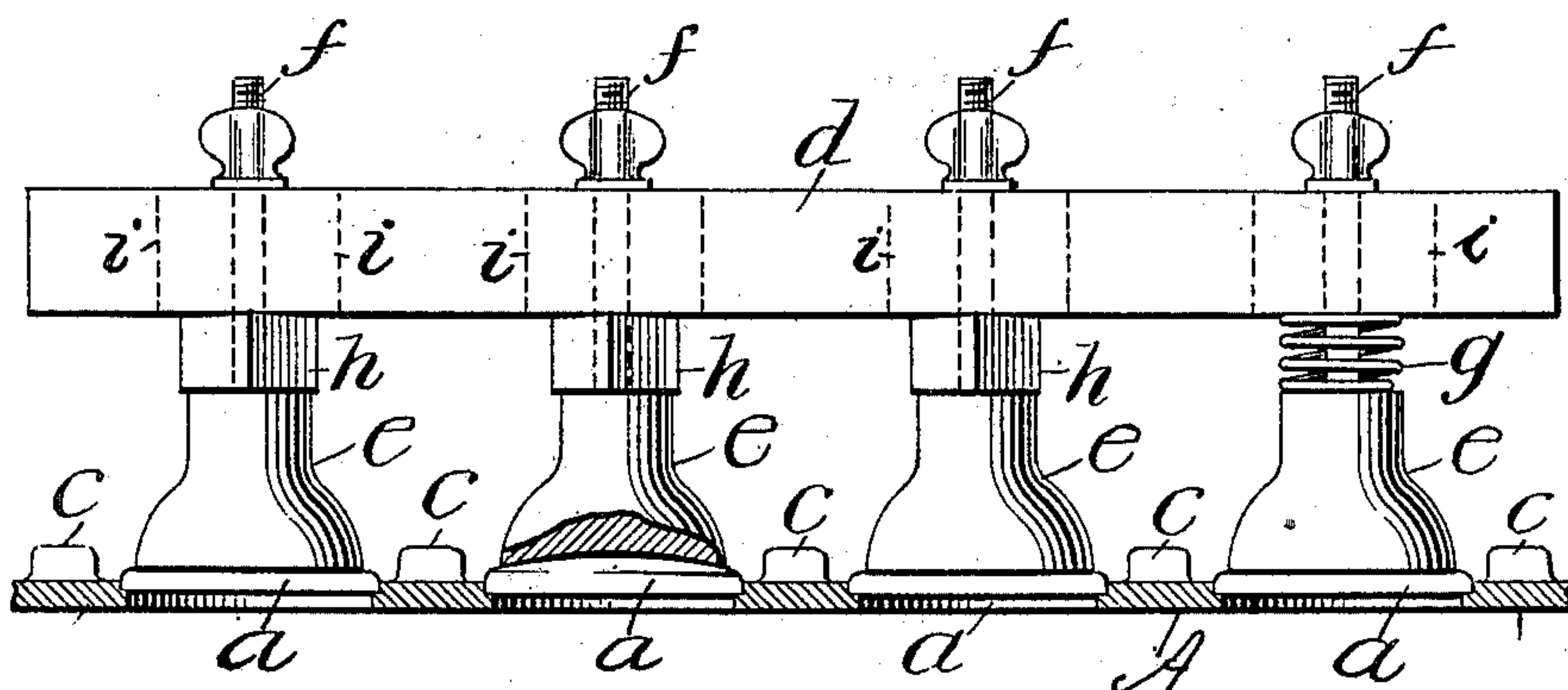
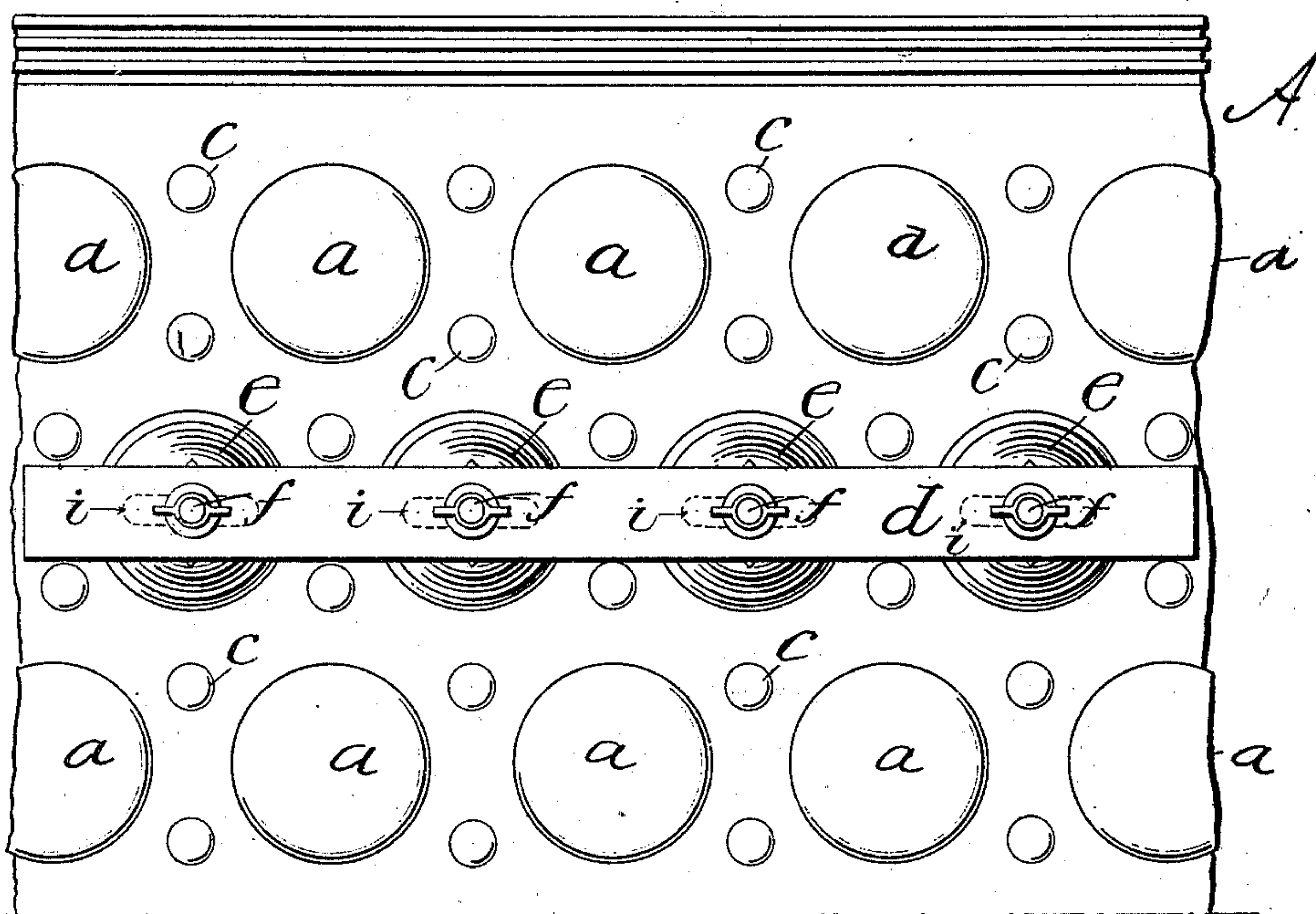


Fig. 2.



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PAINT-GUARD FOR VAULT-LIGHTS.

SPECIFICATION forming part of Letters Patent No. 647,088, dated April 10, 1900.

Application filed June 24, 1899. Serial No. 721,795. (No model.)

To all whom it may concern:

Be it known that I, DANIEL S. HAMMOND, Jr., a citizen of the United States of America, and a resident of Hohokus, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Apparatus for Use in Painting Vault-Lights, of which the following is a specification.

My invention consists of an improved guard apparatus for use in painting vault-light frames or sash, the said guard being adapted to enable the painter to use less care to prevent painting the lights, and therefore to work much faster, as hereinafter described, reference being made to the accompanying drawings, in which—

Figure 1 is a side elevation of my improved guard apparatus and a section of a glazed vault-cover, one of the glass-covering cups being represented with part of one side broken out and one being represented with a form of buffer differing from the buffers of the other cups. Fig. 2 is a plan view of a section of a vault-light cover with my improved guard placed thereon as in use.

A represents a section of part of a vault-light-covering frame or sash supporting the glass lights *a*, set in the frame, and *c* represents studs of the sash or frame located between the lights to relieve the lights of the effects of heavy traffic on the covers.

Although the lights are well seated and carefully cemented in the supporting-frames, it is necessary to paint the joints frequently to keep them tight and to paint the frames, also, for protection from oxidation. Much care has to be taken in painting the joints to avoid painting the glass too much and obscuring the illumination below, which hinders the progress and makes the work more expensive than is desirable. I have therefore contrived a guard whereby the work may be more expeditiously accomplished and also be done better, as follows: To any suitable bar *d*, of wood or other approved material, I attach a series of cup or bell shaped guards *e*, with the rims adapted to cover a like series of lights, said guards being spaced correspondingly with the spacing of the lights, whereby the

painter may with one hand cover and protect a row of lights while rapidly painting the sash or frame around the lights with the other hand, the said guard permitting the brush to be used with more force and pressure on the joints, and therefore more effectively, than when the guard is not used.

It is to be understood that the diameter of the guards is to bear such relation to the diameter of the lights that the joints will be sufficiently uncovered for free access of the brush to them. The lights are generally convex and protuberant relatively to the sash or frame, and thus facilitate the application of the guards, as will be understood; but the guard is also applicable to lights not protuberant, though more care will be required.

The mode of attaching the guards to the bar may be varied at will; but it is desirable that they should have a yielding connection of some form to compensate for inequalities of the surface of the vault-cover and in the setting of the lights as to distance apart and the like. For this purpose I have in this example represented the guards as provided with a shank *f*, projecting from the bottom through the bar, with an elastic buffer *g* or *h* intermediate of the guard and the bar and a thumb-nut at the opposite side of the bar to regulate the tension of the buffer, so that when placed in position a little pressure on the bar will bring all the guards into proper bearing on the lights. The buffers may consist of elastic rubber, as *h*, or coiled springs, as *g*.

The bar may be slotted for the shanks *f*, as indicated by the dotted lines *i*, for enabling the guards to be adjusted longitudinally, if desired.

Two or more guard-carrying bars may be connected in a gang, if desired.

What I claim as my invention is—

1. The improved vault-guard device comprising a series of bell or cup shaped guards attached to and pendent from a bar with unobstructed concave sides adapted for covering a series of vault-lights by placing said concavities directly on the lights.

2. The improved vault-guard device comprising a series of bell or cup shaped guards

attached to and pendent from a bar with intermediate buffers, and with unobstructed concave sides adapted for covering a series of vault-lights by placing said concavities directly on the lights.

5 3. The improved vault-guard device comprising a series of bell or cup shaped guards

attached to a bar by screw-threaded shanks and adjusting-nuts with intermediate buffers.

Signed by me this 20th day of May, 1899.

DANIEL S. HAMMOND, JR.

Witnesses:

A. P. THAYER,

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