

(No Model.)

J. M. McVEY.
BASIN CLAMP.

No. 493,178.

Patented Mar. 7, 1893.

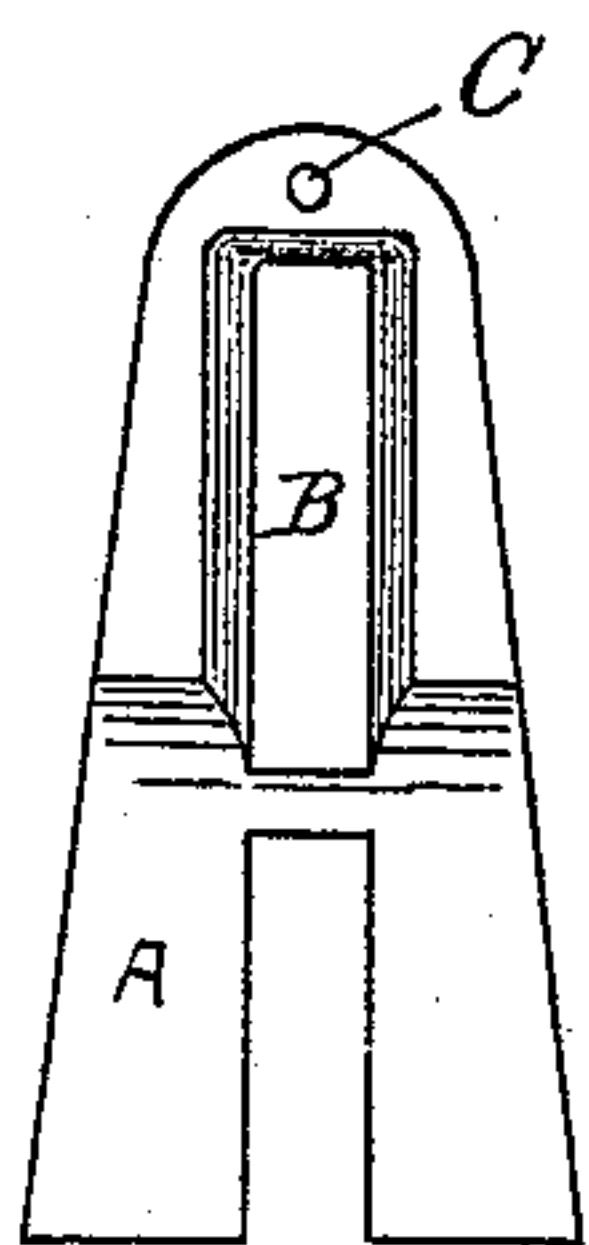


Fig. 1

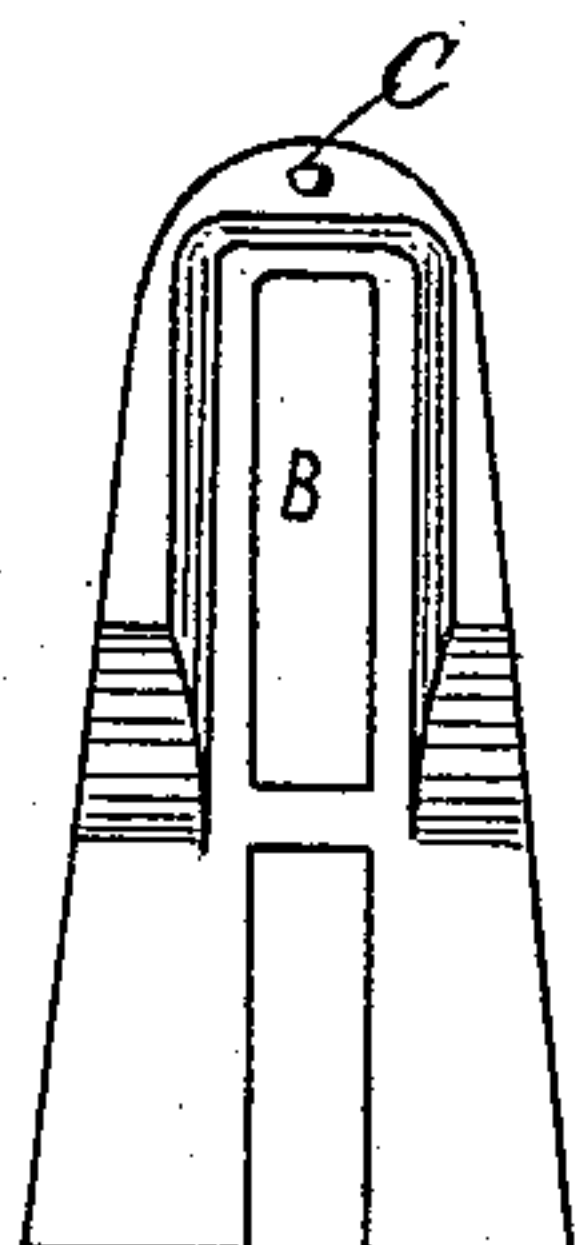


Fig. 2

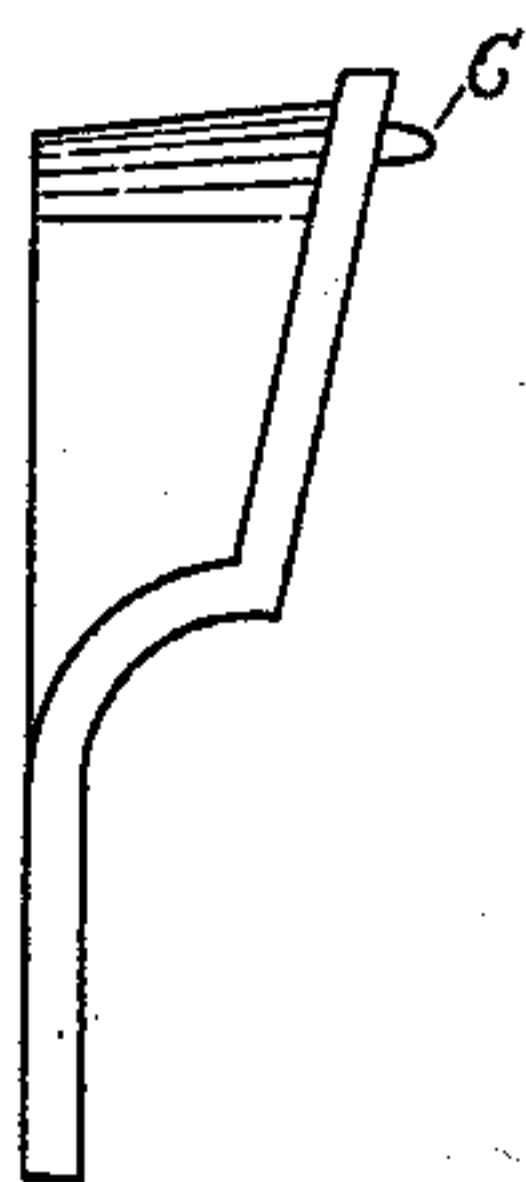


Fig. 3

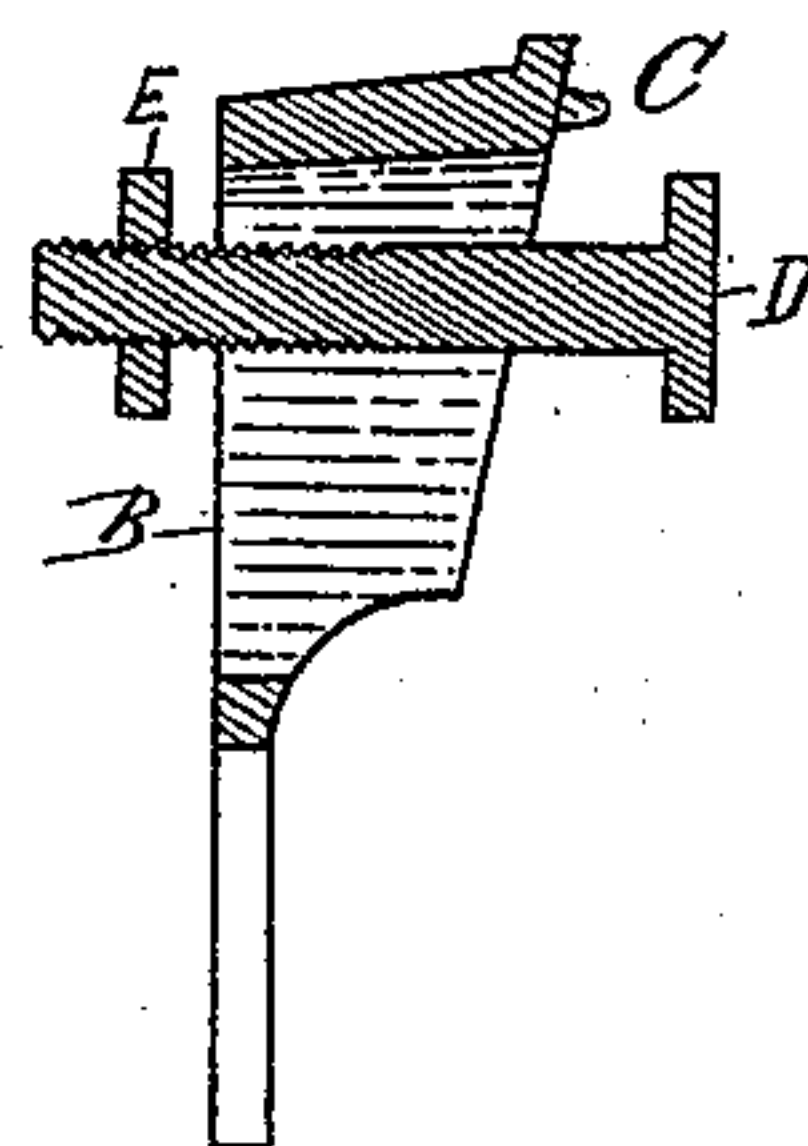


Fig. 4.

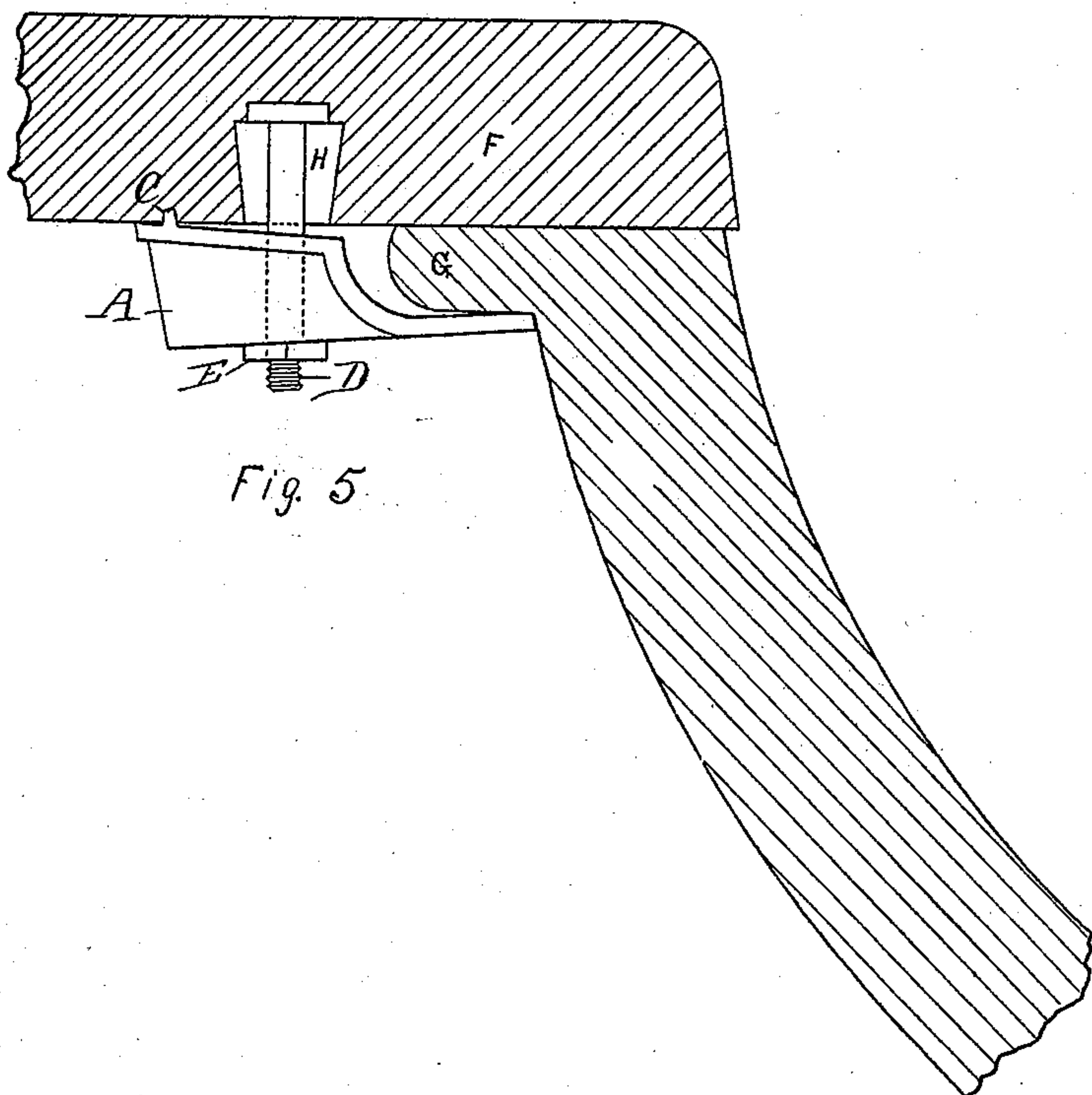


Fig. 5

Witnesses
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UNITED STATES PATENT OFFICE.

JOHN M. McVEY, OF LIMA, OHIO.

BASIN-CLAMP.

SPECIFICATION forming part of Letters Patent No. 493,178, dated March 7, 1893.

Application filed May 31, 1892. Serial No. 435,040½. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. McVEY, a citizen of the United States, residing at Lima, in the State of Ohio, have invented a new and useful device in Basin-Clamps, of which the following is a specification.

This invention relates to improvements in basin clamps; the object of the same being to provide a simple, cheap and effective basin clamp used in connection with a bolt for attaching the basin to the slab; and the invention consists in providing a metal clamp which is adapted to be secured to the slab to which the basin is attached, said clamp being provided with projecting portions which engage with the underside of the flange of the basin in close proximity to the bowl and at the other end with a nib which engages with the slab.

In the accompanying drawings, forming part of this specification: Figures 1 and 2 are plan views of a basin clamp constructed in accordance with my invention. Fig. 3 is a side elevation. Fig. 4 is a sectional view, and Fig. 5 is a view showing the application of my improvement.

A designates the clamp, which is made up of a single casting and is provided with a slot B, the inner side walls of which are inclined. The clamp is provided with a laterally projecting flange, which, when the clamp is applied, will lie adjacent to the underside of the slab and bear against the flange of the basin G in close proximity to the bowl. The end of the clamp which engages with the basin is bifurcated or provided with an open-ended slot, as shown, and the opposite end which engages with the slab has an upwardly projecting nib or stud C, which is pointed so as to enter the slab when pressure is applied to the casting by the retaining bolt D, said retaining bolt being secured to the slab in the usual manner and provided with a nut E. In practice the bolt D is first secured to the slab so that the threaded portion will depend from the underside thereof, the casting is then placed upon the bolt so that said bolt will lie in the slot B thereof, the upper portion of the slot being of approximately the same diameter as the bolt while the lower portion is much

wider, thus permitting the clamp to adjust itself to any irregularity of the underside of the flange of the basin. When the nut is placed upon the bolt and turned it will draw the clamp up against the slab, and the nib C will be pressed into said slab so as to prevent lateral movement of the clamp upon the bolt. It will also be noted that the upper portion of the casting immediately beneath the slab is inclined from the nib toward the basin.

I am aware that prior to my invention it has been proposed to provide basin clamps which are adapted to engage with bolts carried by the slab and be clamped by means of a nut against the flange of the basin, and I do not therefore claim such invention broadly.

I am also aware that it is common to provide such basin clamps with longitudinal slots so that they can be adjusted to and from the basin; but by means of my improved device I not only provide a basin clamp which can be moved to and from the basin, but also one in which if there is any inclination of the bolt it will not affect the application of the clamp thereto, as the inclined walls of the slot B will permit the passage of the bolt through the clamp, and should the nut at any time become loosened the nib will hold the clamp against movement on the slab.

I claim—

1. A clamp for basins, made up of a casting having a projecting portion carrying at one end a nib C, the upper portion of the casting being inclined as shown, a slot B having inclined side walls, a securing bolt D secured to the slab and provided with a retaining nut which engages with the underside of the casting, substantially as shown, and for the purpose set forth.

2. As an improved article of manufacture, a basin clamp made up of a single casting having projections which are adapted to engage with the flange of the basin, vertical walls forming a slot with inclined sides, and a nib C formed on the part which contacts with the slab, substantially as shown.

JOHN M. McVEY.

Witnesses:

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