

(No Model.)

W. T. SUMMERS.
HORSE COLLAR FASTENER.

No. 412,805.

Patented Oct. 15, 1889.

Fig. 1.

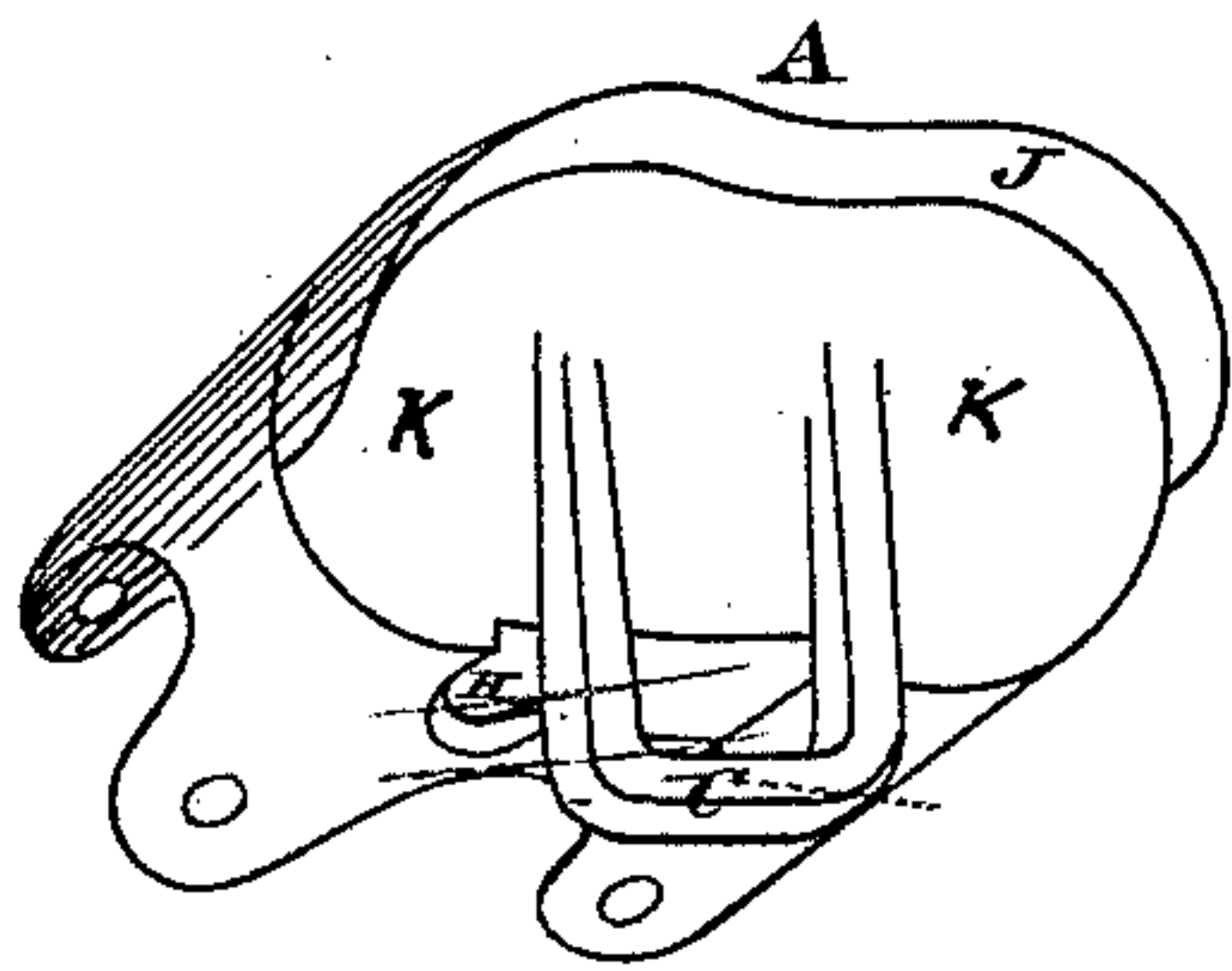


Fig. 2.

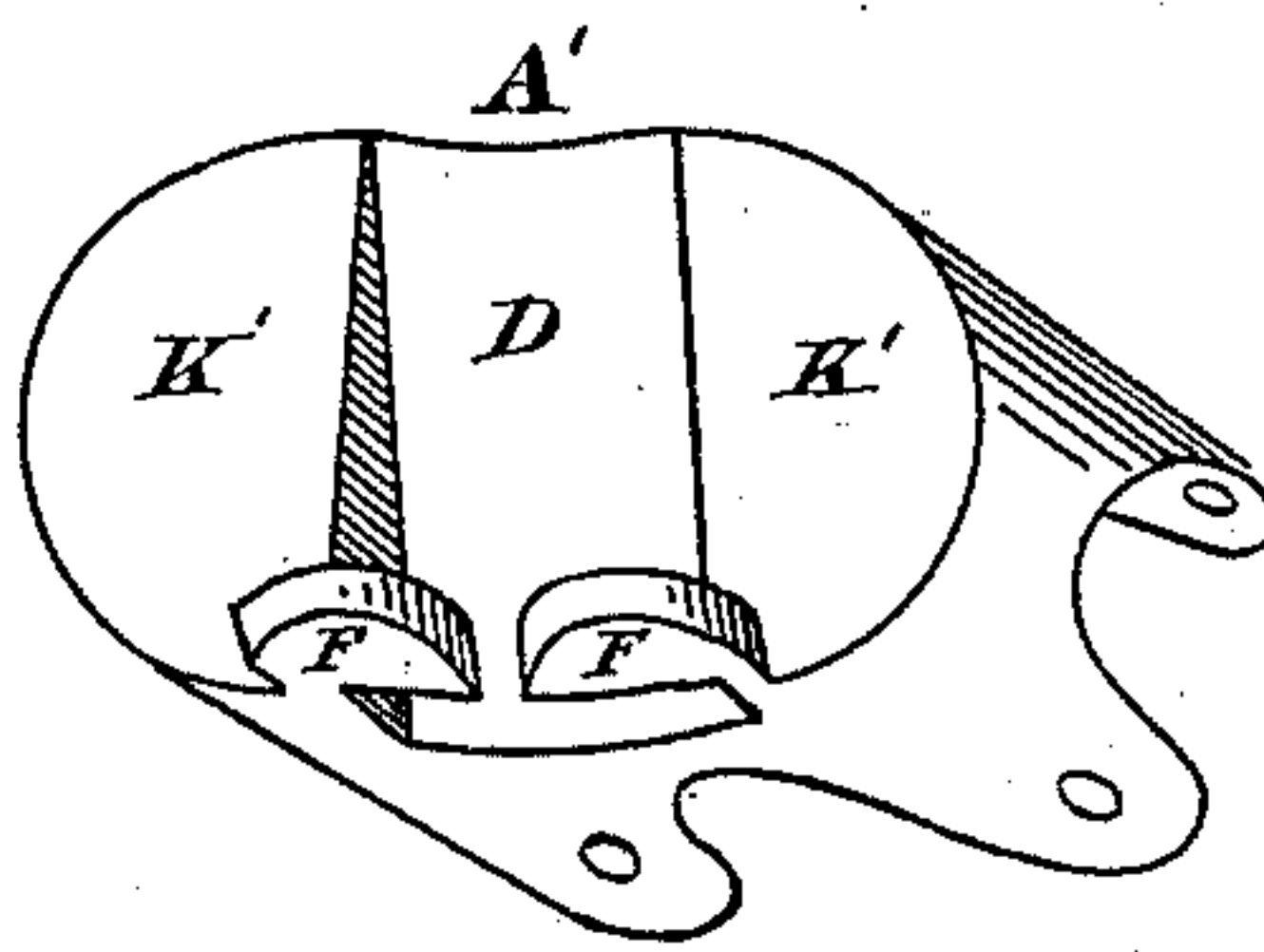


Fig. 3.

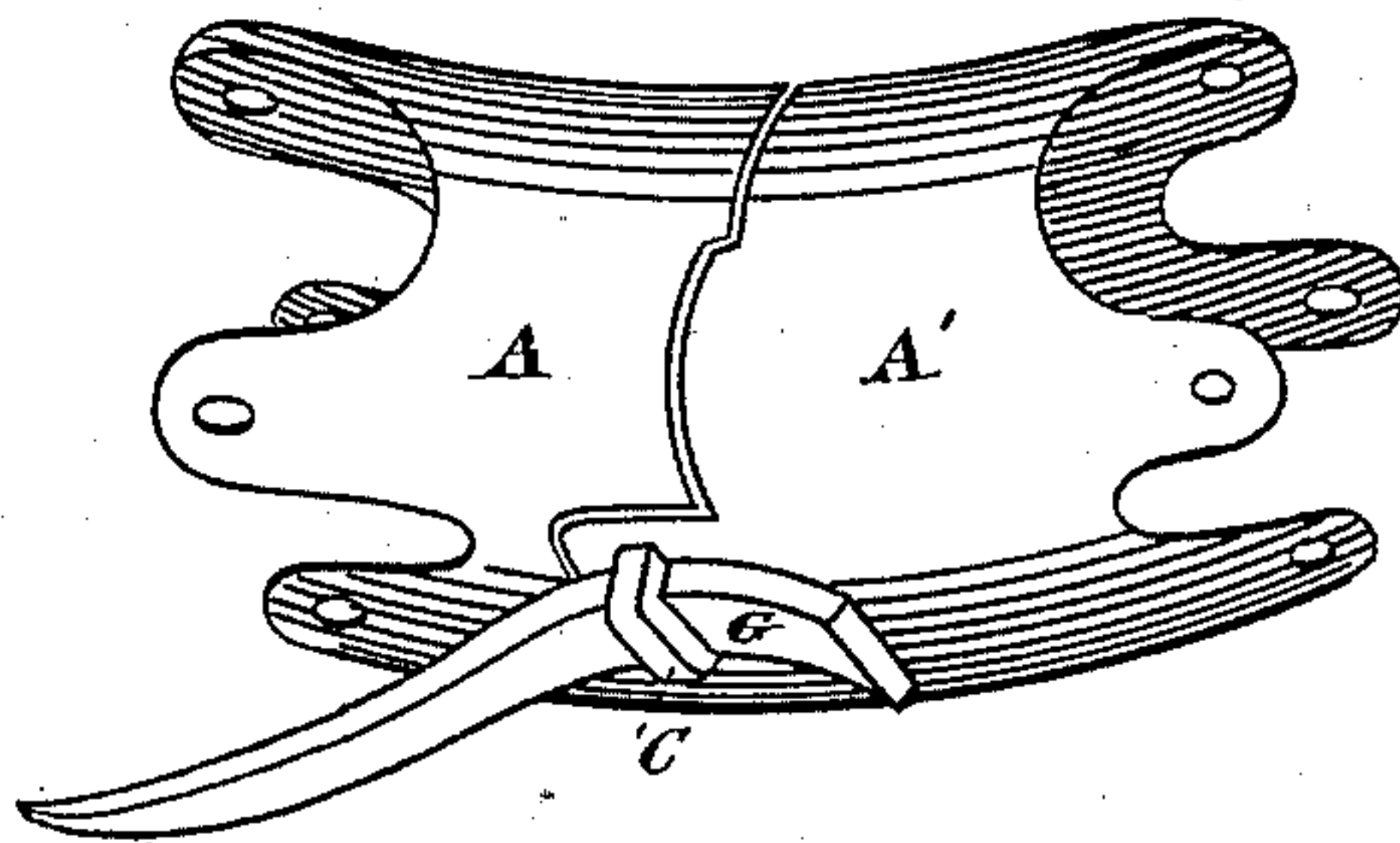
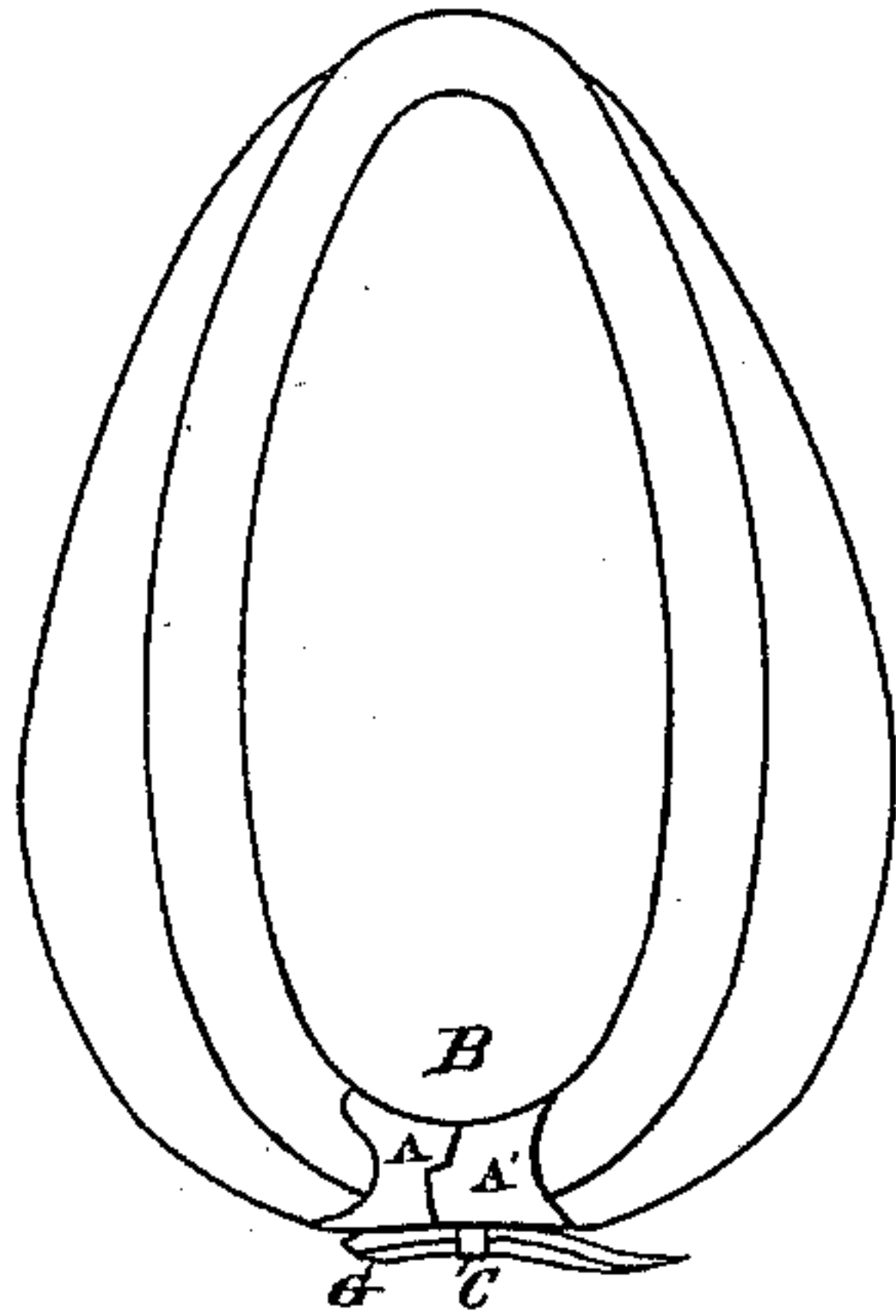


Fig. 4.



WITNESSES.

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HORSE-COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 412,805, dated October 15, 1889.

Application filed July 1, 1889. Serial No. 316,175. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM T. SUMMERS, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Horse-Collar Fastenings; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to devices for fastening horse-collars in which metal tips with beveled or sloped faces are fitted on the ends of the collar; and the object of my invention is to furnish a simple, convenient, and firm fastening.

Reference is had to the accompanying drawings, in which—

Figure 1 is a perspective view of the tip for the left end of the collar; Fig. 2, a similar view of the right-hand tip. Fig. 3 is a perspective view of the two tips as they appear when fastened, and Fig. 4 a similar view of a collar locked with my fastening.

Similar letters refer to similar parts throughout the several drawings.

A represents the right-hand tip, and A' the left-hand tip.

B is a locked horse-collar provided with my fastening.

C is a raised hollow tongue or loop beginning near the top edge of the face K of the tip A and sloping upward as it approaches the bottom edge of the face and projecting beyond the face sufficiently to leave an opening for the hame-string G.

D is a slot in the face K' of the tip A', beginning at the surface near the upper edge of the face and deepening toward the lower edge by a slope corresponding to the upward slope of the tongue C.

F F are two hooks rounded on top and straight at bottom, projecting from the lower

edge of the face of A'—one on either side of the slot D—and extending over the slot toward its middle.

H H are countersinks in the lower side of the tip A, outside of the tongue C on either side of it, adapted to receive the hooks F F when the tips are brought together in fastening.

J is a lip projecting from the face K of the tip A and encircling its upper edge.

In locking a collar provided with my fastening the two ends of the collar are brought together and the tongue C inserted in the slot D and pushed downward under the hooks F F to where it will project beyond them sufficiently to allow the hame-string G to be passed through the opening in the tongue between it and the hooks, thus tying the tips together and completing the fastening. The lip J covers the junction of the two faces and makes a smooth surface for the throat of the collar, and the countersinks H H receive the hooks F F, so as to make the lower surface even. The effect of the lip and countersinks is also to hold the tips more steadily together and prevent rattling.

I am aware that metal tips with sloped or beveled ends are not new; and I do not claim them as my invention.

What I claim as new, and desire to secure by Letters Patent, is—

In a horse-collar fastening, the combination, with a metal tip A, having a hollow sloping tongue C, a lip J, and the countersinks H H, of the metal tip A', having a sloping slot D, and hooks F F, and a hame-string G, substantially as set forth, and for the purposes specified.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM T. SUMMERS.

Witnesses:

I. O'DONNELL,

T. J. FITZGERALD.