

No. 744,222.

PATENTED NOV. 17, 1903.

T. K. NORTH.
CARRIAGE FOR MACHINE OR OTHER GUNS.

APPLICATION FILED AUG. 11, 1902.

NO MODEL.

2 SHEETS—SHEET 1.

Fig.2.

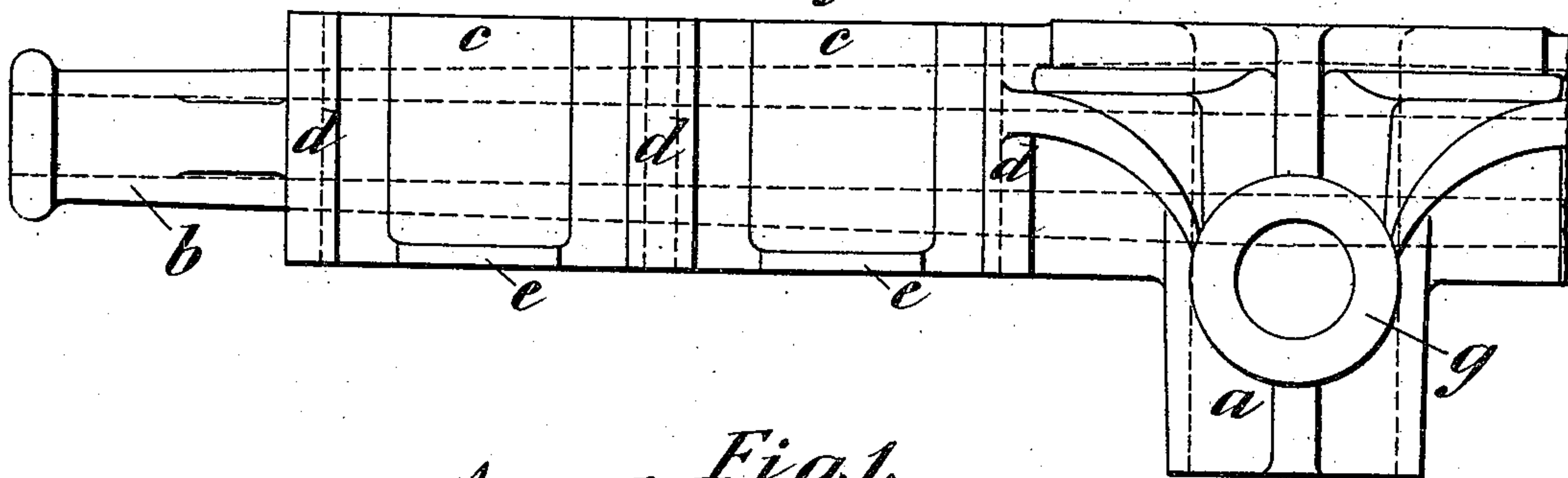


Fig.1.

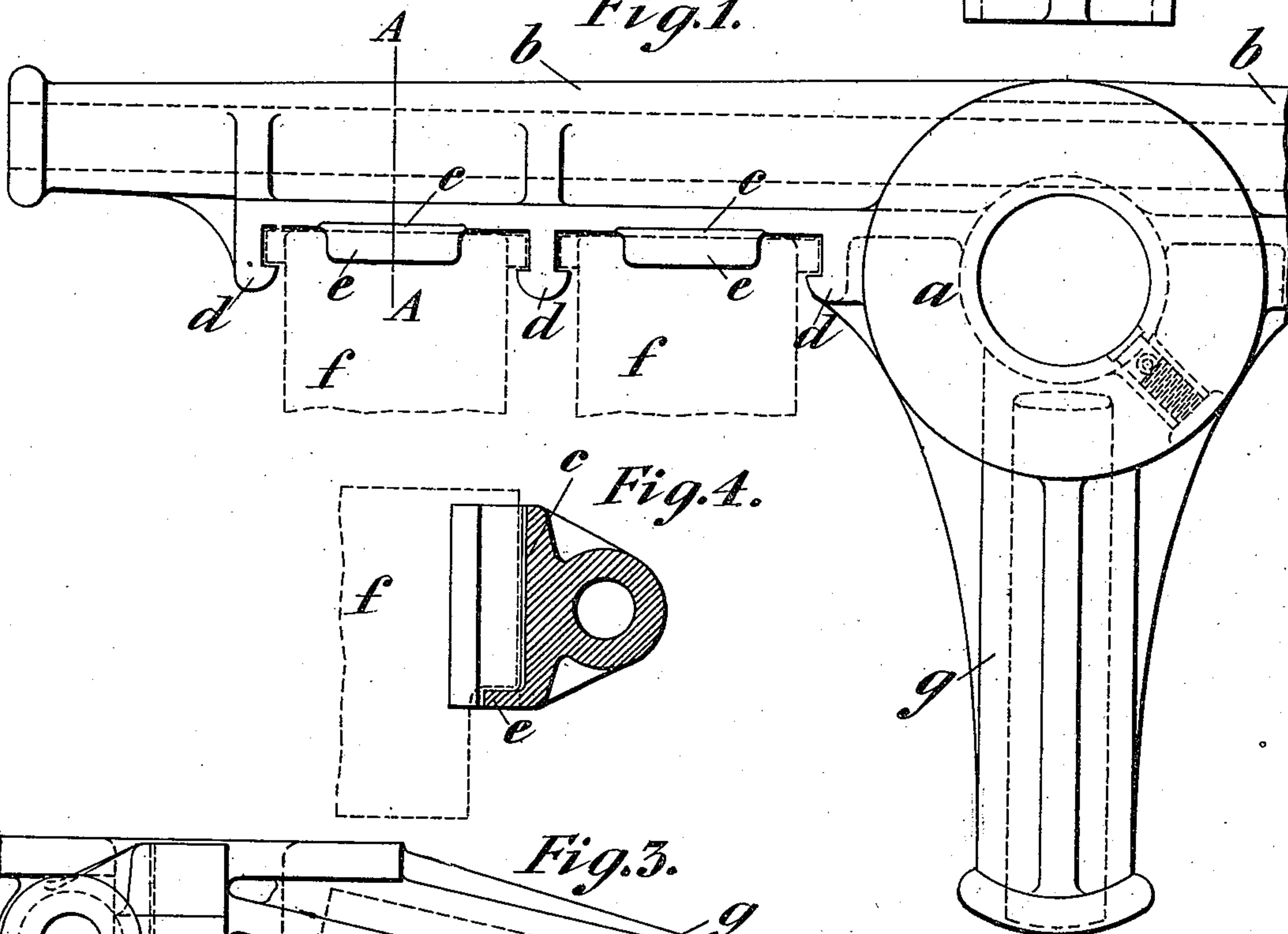


Fig.4.

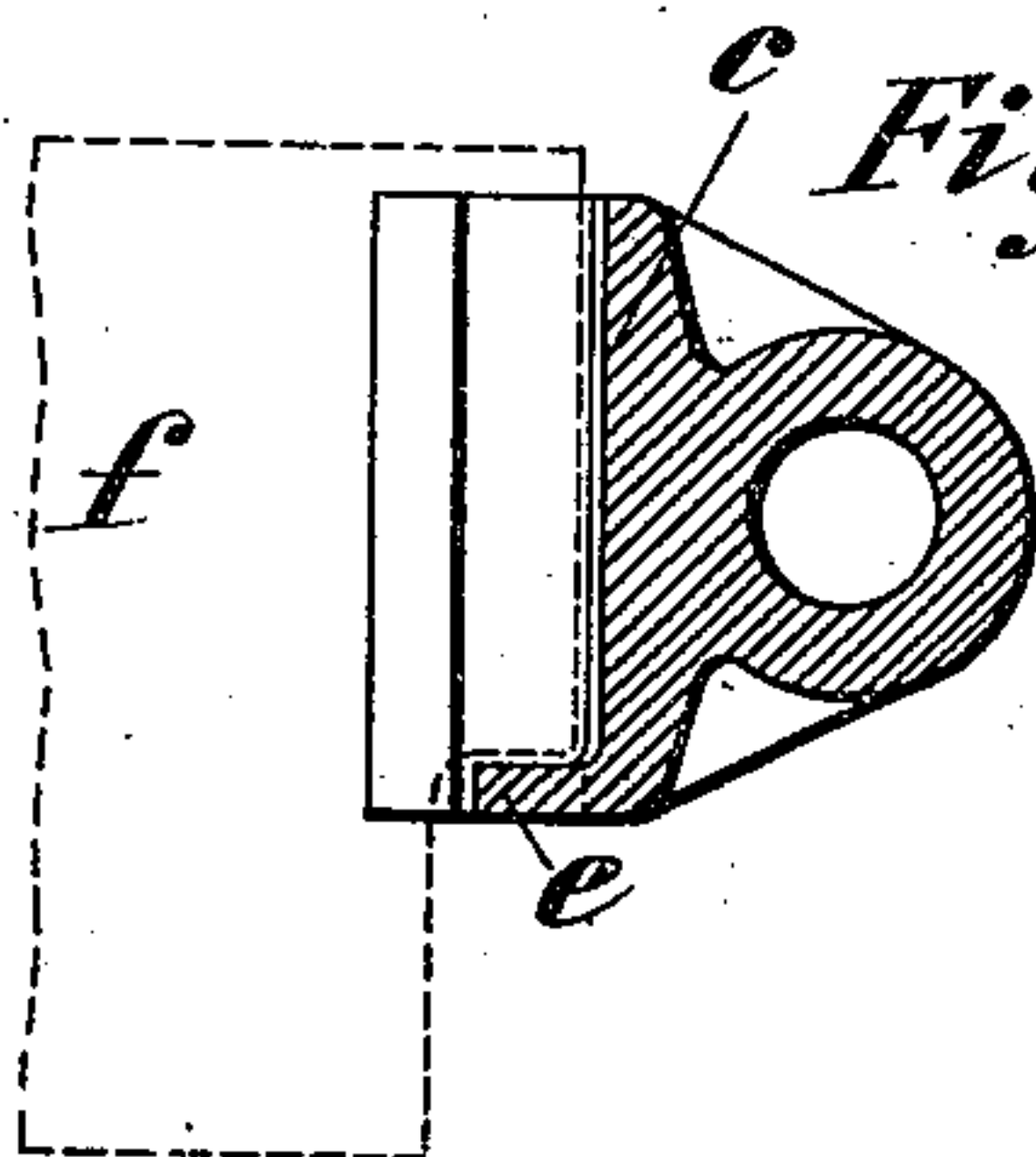
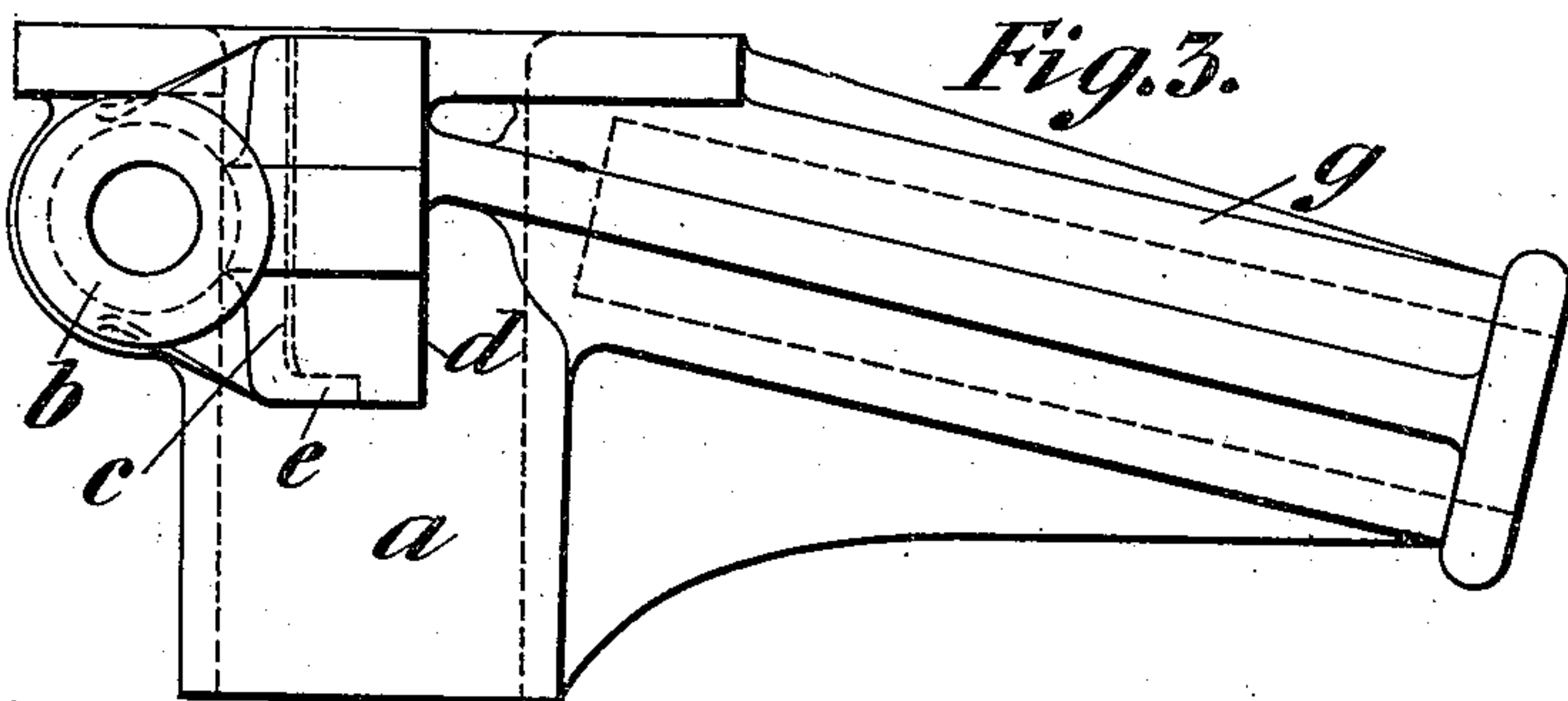


Fig.3.



Witnesses:

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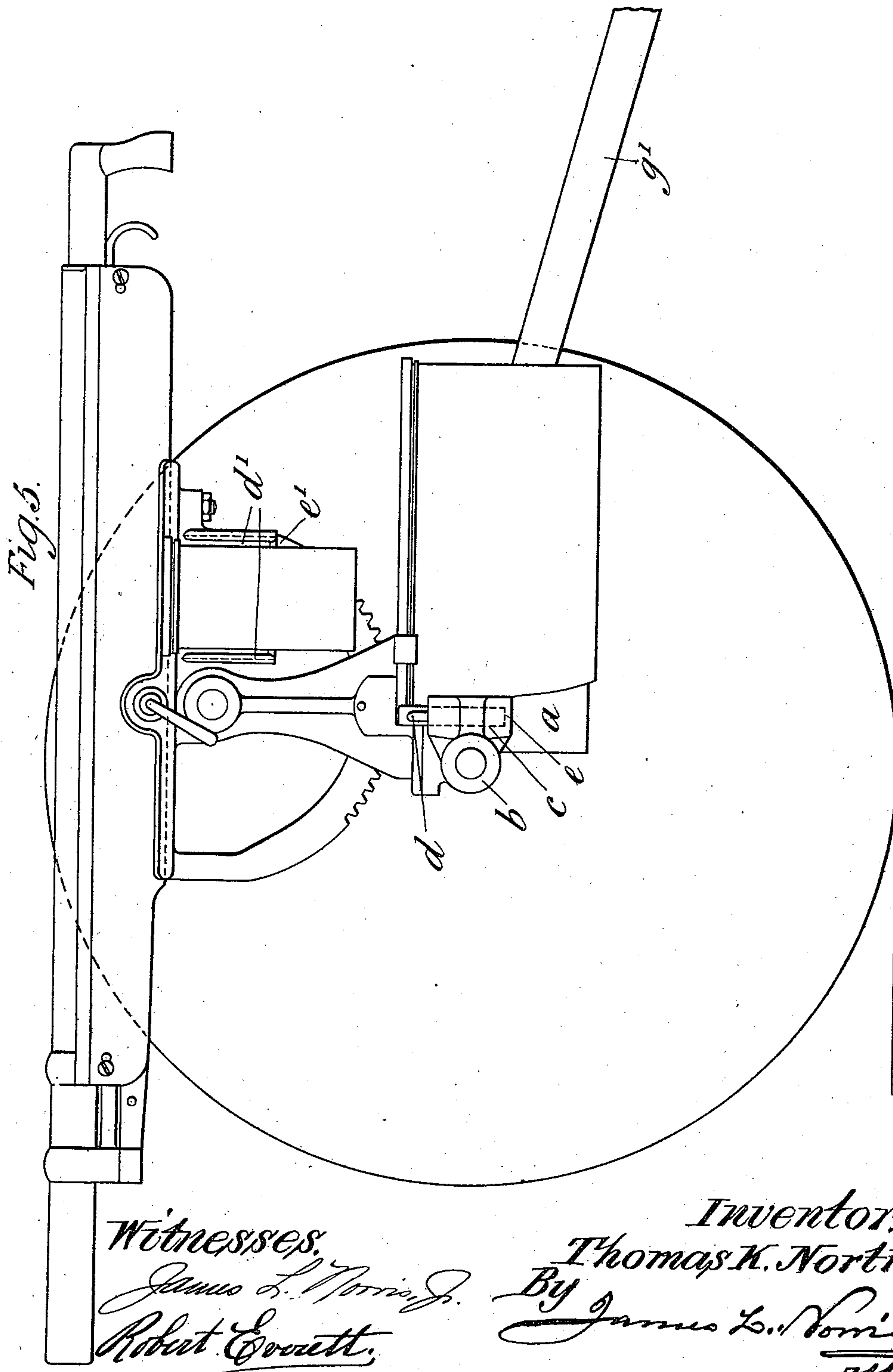
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2 SHEETS—SHEET 2.



UNITED STATES PATENT OFFICE.

THOMAS KEPPEL NORTH, OF WESTMINSTER, ENGLAND.

CARRIAGE FOR MACHINE OR OTHER GUNS.

SPECIFICATION forming part of Letters Patent No. 744,222, dated November 17, 1903.

Application filed August 11, 1902. Serial No. 119,343. (No model.)

To all whom it may concern:

Be it known that I, THOMAS KEPPEL NORTH, a citizen of England, residing at 34 Victoria street, in the city of Westminster, county of London, England, have invented certain new and useful Improvements in Carriages for Machine or other Guns, (for which I have applied for a patent in Great Britain, dated January 23, 1902, No. 1,849,) of which the following is a specification.

My invention relates to carriages for machine or other guns that are required to carry a reserve of the boxes containing the ammunition, which are fitted to the gun-mount when firing, and my improvements have mainly for their object to obviate the use of cumbersome receptacles on the gun-carriage for containing these reserve boxes.

According to my invention I construct the gun-carriage with sockets arranged thereon in suitable positions, which sockets are identical with that usually formed on the gun or the gun-mount for the reception of the feed-box on firing, and to these sockets I fix reserve feed-boxes, so that when the box on the gun or mount is discharged it can at once be replaced by one of the reserve boxes.

According to one arrangement I construct a gun-carriage for the purpose of my invention as follows: From opposite sides of a central casting, on which is fitted the gun-mount, project tubular arms, the ends of which constitute the axle-pins for the road-wheels. On the sides of the said arms are formed suitably-shaped sockets adapted to receive the shaped ends of the feed-boxes for the gun, these sockets being identical in shape with those formed on the gun-mount itself for holding a box on firing, so that when such box has discharged its contents it is removed from the gun and is replaced by one of those that are fitted to the said arms, the box being simply lifted out of its socket on the arm and dropped into the socket of the gun-mount.

Figure 1 of the accompanying drawings shows a part plan of a gun-carriage constructed according to my invention. Fig. 2 shows a part back elevation. Fig. 3 shows an end view. Fig. 4 shows a cross-section on line A A, Fig. 1; and Fig. 5 is a side elevation drawn to a reduced scale, showing a gun, gun-mount,

and carriage with an ammunition-feed box and reserve boxes in position in their sockets.

The carriage consists of the central tubular part *a*, adapted to receive the gun-mount, from each side of which part project tubular arms *b b*, the ends of which have the axle-pins for the road-wheels fixed in them. The rear sides of these arms are formed with a flat face *c*, from which project, first, vertical ribs *d d* with projecting heads, and, secondly, bottom lugs *e*. These ribs and lugs constitute sockets adapted to receive the shaped ends of the ordinary feed-boxes, as indicated in dotted lines at *f*, Figs. 1 and 4, these sockets being identical in shape with that similarly formed by the vertical ribs *d' d'* and the lug *e'* on the gun-mount itself for holding a box on firing, so that when required a box is removed from one of the sockets on the carriage and is fitted to the socket on the gun-mount.

The central piece *a* has a tubular extension *g* cast on it for the reception of the trail or pole *g'*.

Having thus described the nature of this invention and the best means I know of carrying the same into practical effect, I claim—

1. In carriages for guns in which the ammunition is fed from a box mounted on the gun or its mount, receptacles on the carriage for spare ammunition-boxes identical in form with the receptacle on the gun or gun-mount, substantially as and for the purpose set forth.

2. In carriages for guns in which the ammunition is fed from a box removably mounted on the gun or gun-mount in a socket consisting of side guide-ribs and a bottom stop projection, the combination with the lateral arms of the carriage of a plurality of sockets for the reception of spare ammunition-boxes on the rear faces of the said arms identical in construction with the socket on the gun or gun-mount for the reception of the feed-box, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

T. K. NORTH.

Witnesses:

GERALD L. SMITH,
EDWARD GARDNER.