

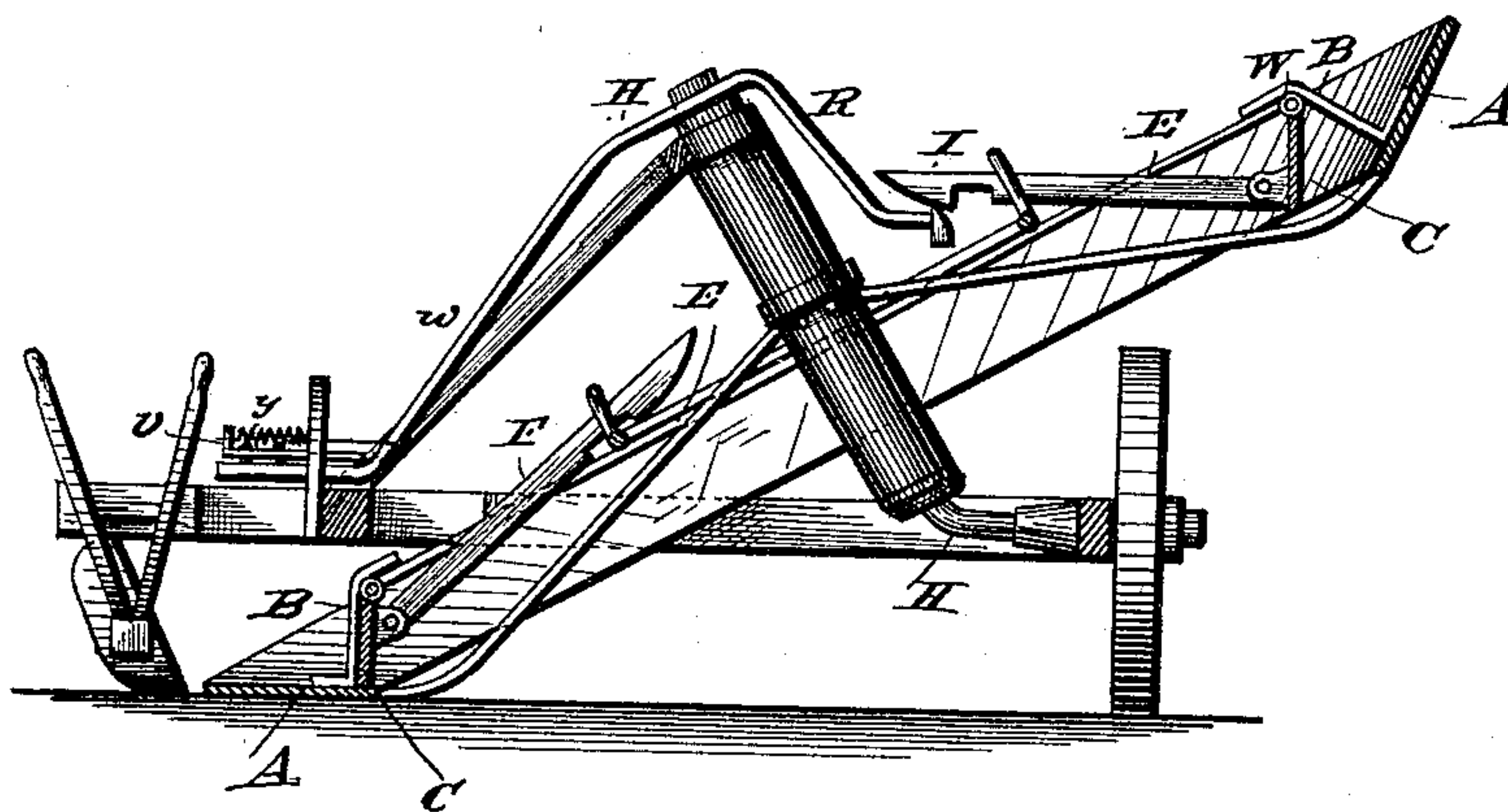
(No Model.)

S. M. LOCKWOOD.  
INCLINED WHEEL EXCAVATOR.

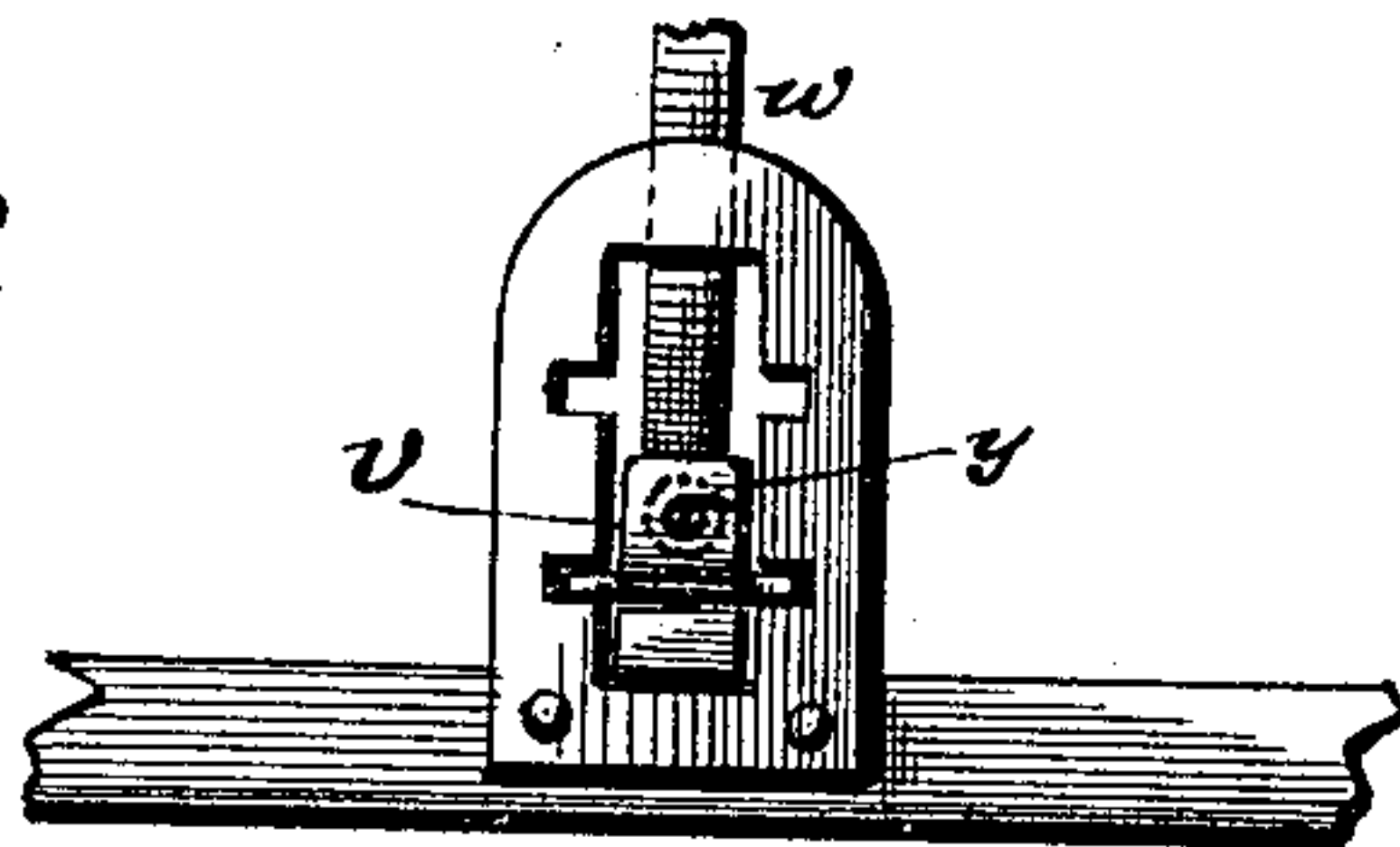
No. 335,230.

Patented Feb. 2, 1886.

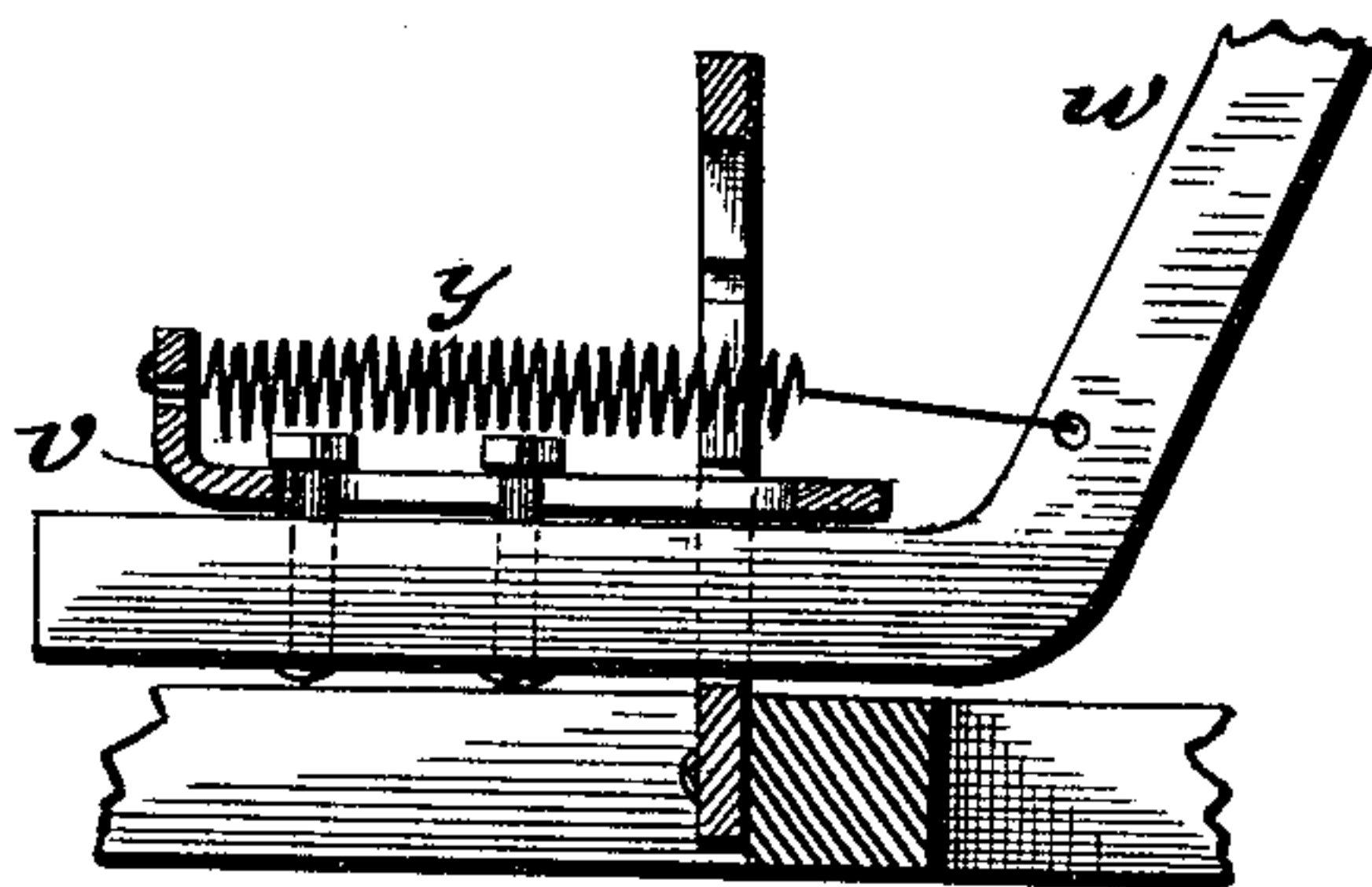
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES

*Phil. Dietrich.*  
*W. Lathrop*

INVENTOR

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# UNITED STATES PATENT OFFICE.

SAMUEL M. LOCKWOOD, OF NEW YORK, N. Y.

## INCLINED-WHEEL EXCAVATOR.

SPECIFICATION forming part of Letters Patent No. 335,230, dated February 2, 1886.

Application filed October 3, 1885. Serial No. 178,886. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL M. LOCKWOOD, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Inclined-Wheel Excavators; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

15 This invention relates to that class of inventions known as "inclined wheel excavators;" and it consists in a trigger or tripper mounted thereon and operated in the manner which will hereinafter be more fully set forth, and pointed out in the claim.

In the drawings, Figure 1 represents a sectional view of the machine. Fig. 2 is a detail view of the slotted guide-bracket. Fig. 3 is a vertical section of the same.

25 The trigger or tripper R is a crooked piece of metal with a piece, I, across the end of the same. An arm runs from the piece I to the top of the axle H. The other end of the trigger or tripper is a handle or lever, *w*, running down from the top of the axle to or near the frame. Said handle or lever has on or near the end of it a catch or bolt, *v*, and a spring, *y*, to shove and keep it in its place.

Attached to the frame of the machine is a bracket or slotted iron, *z*, being provided with slots *y' y'* for the catch or bolt *v*. Said handle or lever is operated in the slot of said slotted iron, and moves up in the slot, and is caught at the top of the same when used as a cart or carrying-machine, and is shoved down to the bottom of the slot when used as a loader or for continuous dumping.

Modifications may be made in the construction above described, and other mechanical equivalents for the features now shown may be employed.

This application is intended as an improvement of my former application for improvement in inclined earth-excavators, filed March 27, 1885, Serial No. 160,310, and therefore it is not necessary to describe in this case what is contained therein.

Having thus fully described my invention, what I claim as new is—

The combination, with an inclined-wheel excavator, of a trigger or tripper adjustable to dump or not to dump at option, the object of which is to make the excavator a combined excavator and cart for carrying dirt or other substances.

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

SAMUEL M. LOCKWOOD.

Witnesses:

GEO. M. LOCKWOOD,  
J. L. SMITHMEYER.