

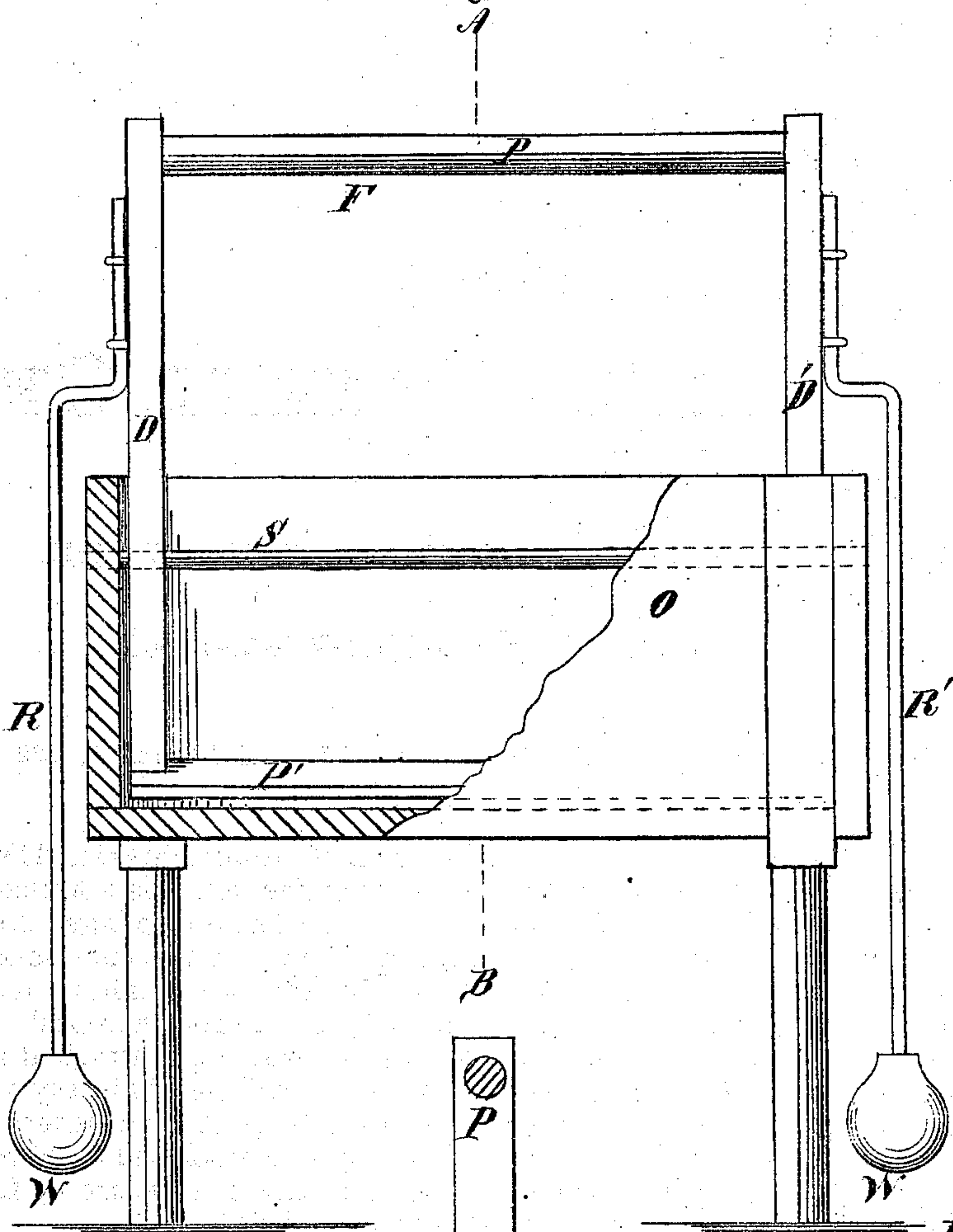
ASA E. WORDEN.

Improvement in Washing Machines.

No. 124,649.

Patented March 12, 1872.

Fig. 1.

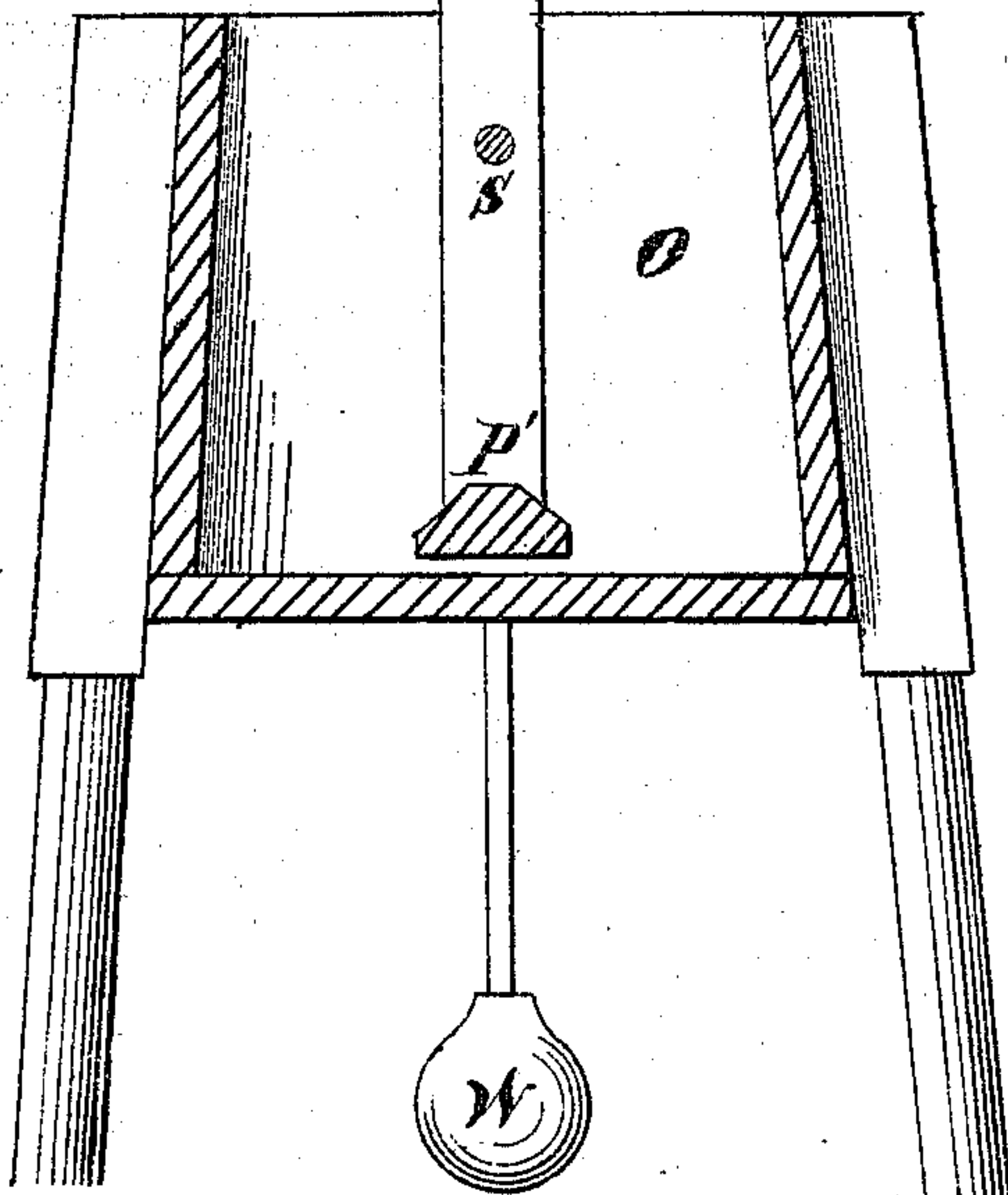


Witnesses.

Frank Stuart
A. E. Thayer

Inventor.

Fig. 2. A. E. Worden.



124,649

UNITED STATES PATENT OFFICE

ASA E. WORDEN, OF SMYRNA, DELAWARE.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 124,649, dated March 12, 1872.

To all whom it may concern:

Be it known that I, ASA E. WORDEN, of Smyrna, county of Kent and State of Delaware, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon, in which—

Figure 1 is a side view of my invention. Fig. 2 is a sectional view through the line A B.

The nature of my invention consists in applying to the frame which rubs and gives the pressure upon the clothes two weighted rods to act as pendulums in order to give momentum to the frame.

To enable those skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

The frame F, which presses and rubs the clothes, consists simply of two uprights, D and D', two cross-pieces, P and P', passing through

the center of the uprights D and D', and through the ends of the box O is a horizontal shaft, S, on which the frame F swings. Attached to the upper part, and on the outside of the uprights D and D', are two weighted rods, R and R', made of any suitable material. The weights W and W', which are attached to the ends of the rods, are sufficiently heavy to continue the momentum by pushing at intervals the frame.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

The box O and the frame F, with its pivot S, in combination with the vibrating weighted rods R and R', all arranged as herein shown, and for the purposes fully described.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

A. E. WORDEN.

Witnesses:

ROBERT R. SMITH,
GEORGE C. MCINTIRE.