

No. 745,608.

PATENTED DEC. 1, 1903.

W. S. H. HEERMANS.  
SNOW PLOW.

APPLICATION FILED NOV. 17, 1902.

NO MODEL.

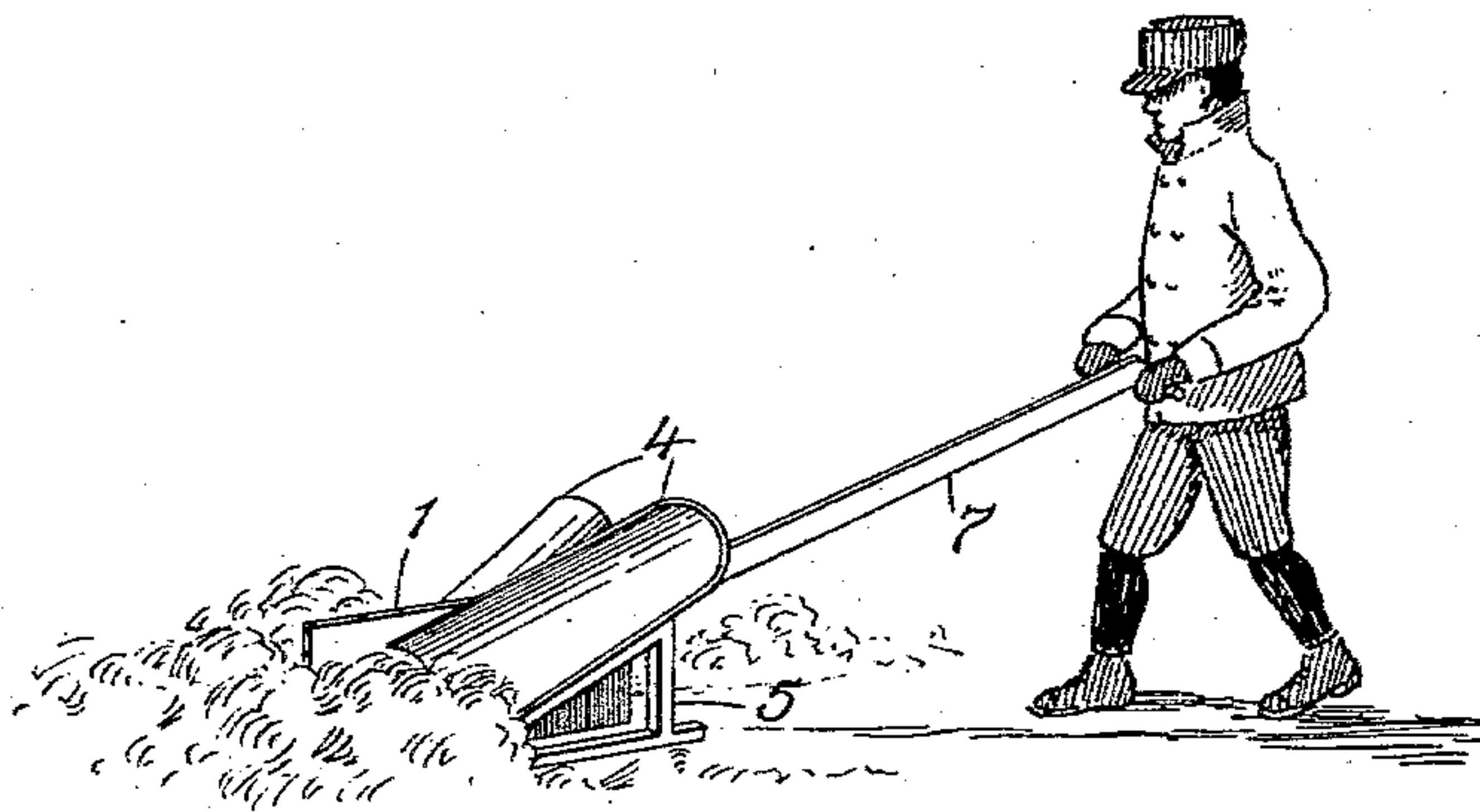


Fig. 1.

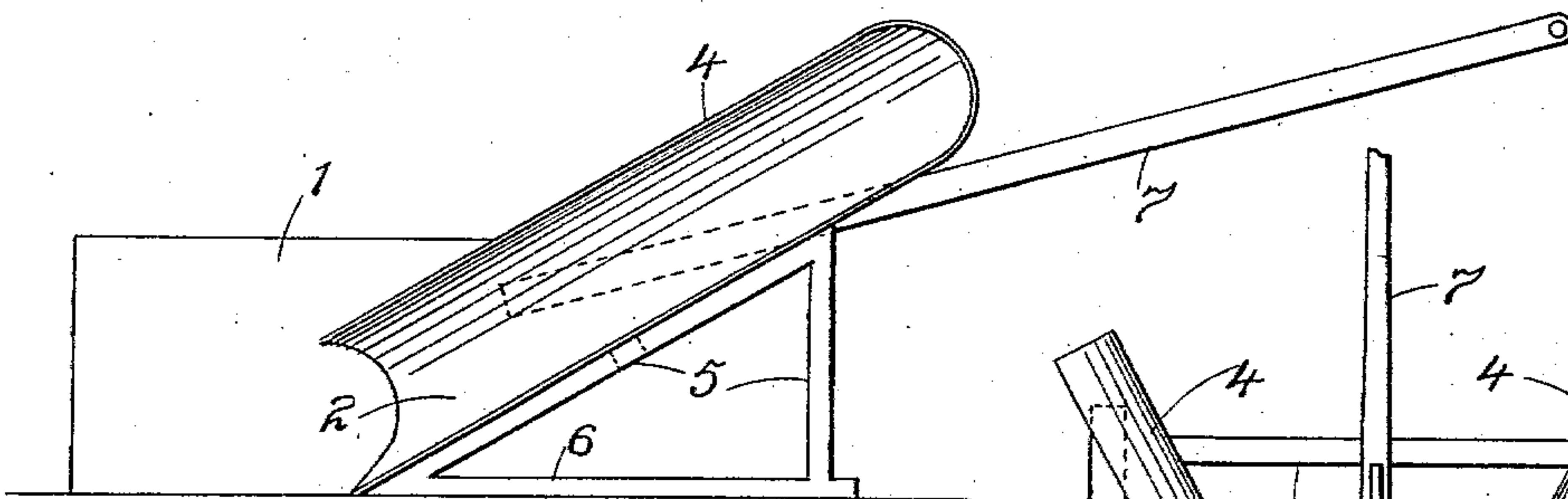


Fig. 2.

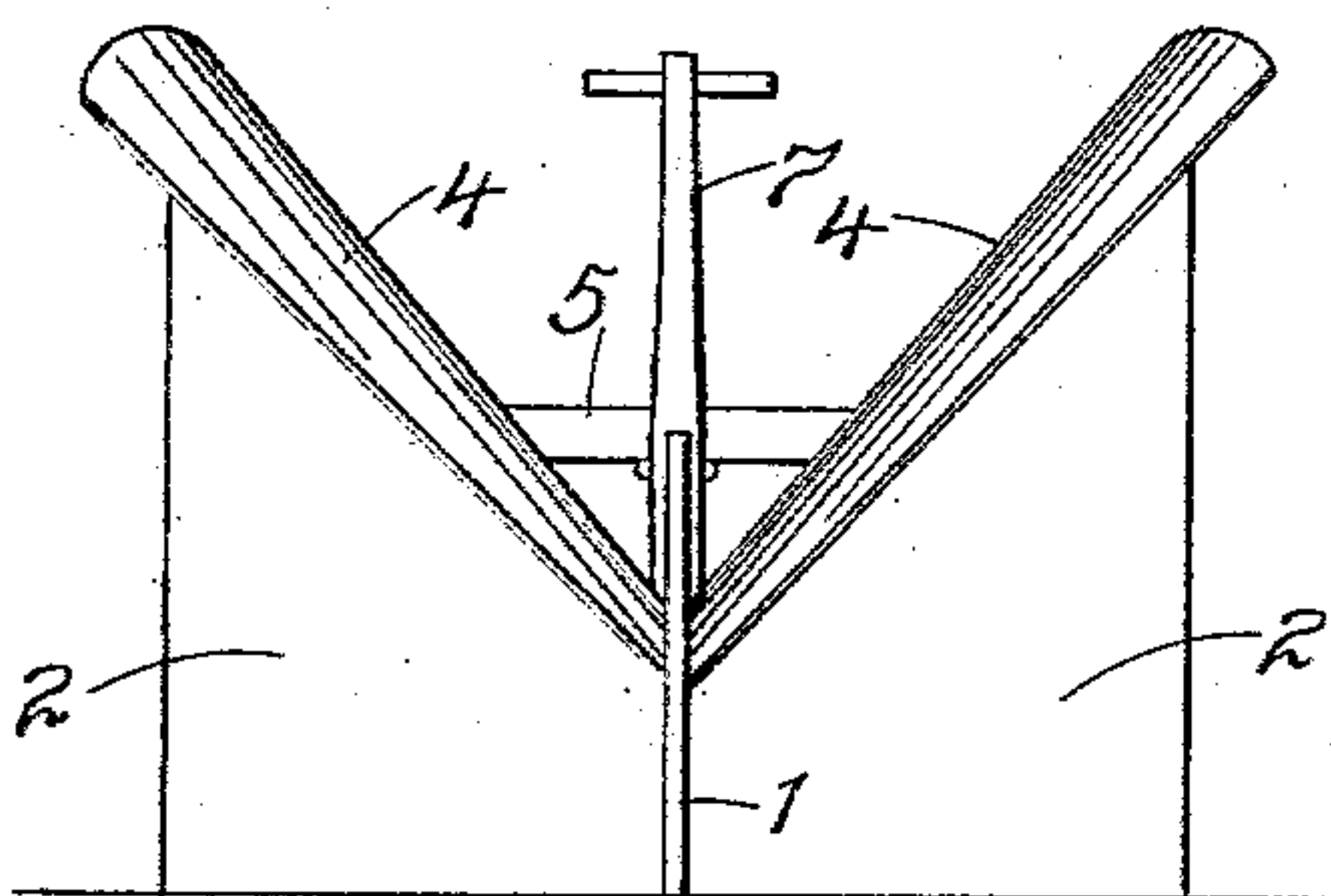


Fig. 4.

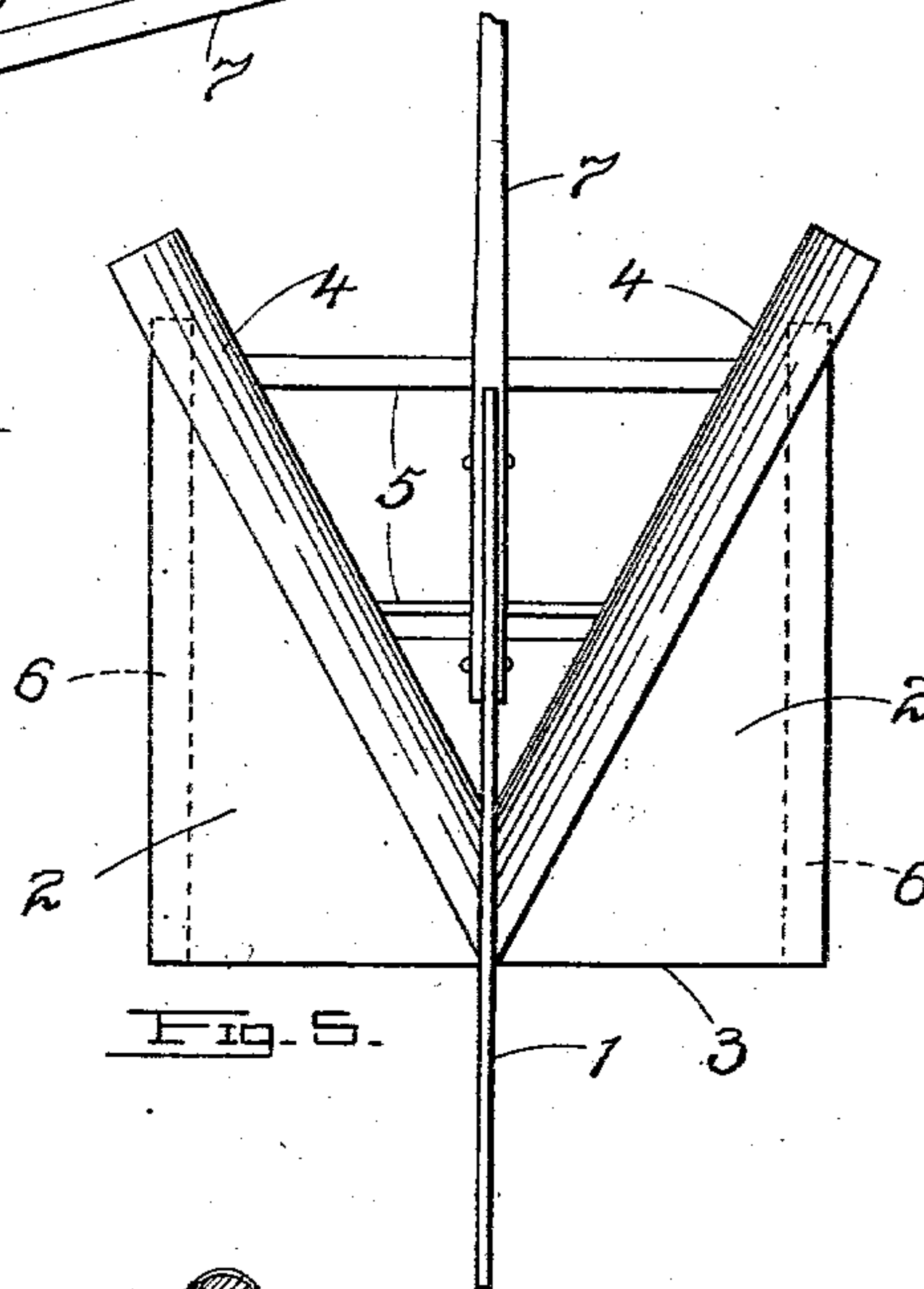


Fig. 5.

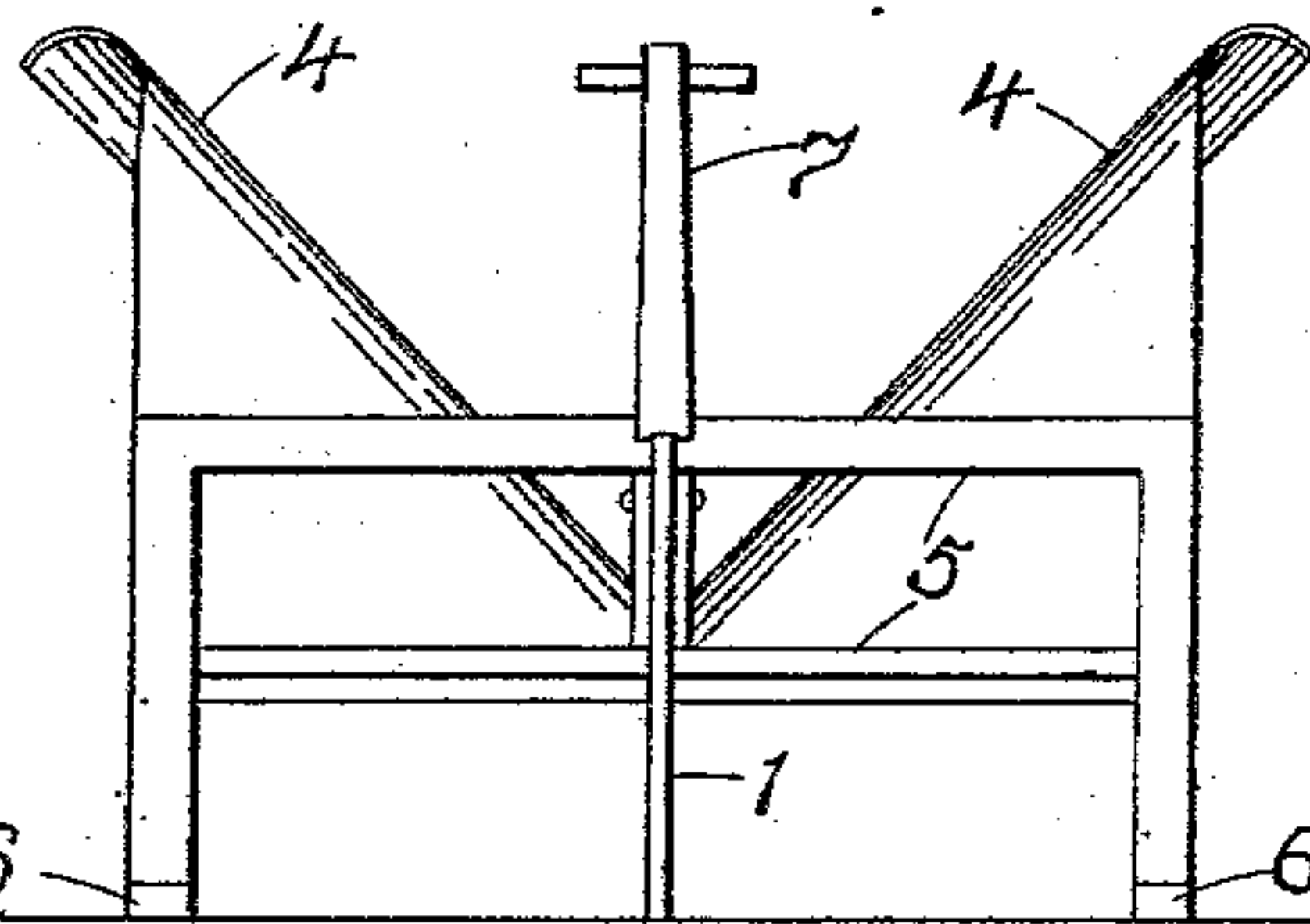


Fig. 6.

WITNESSES:

*J. J. Nunn*  
*M. B. Bell*

INVENTOR

*W. S. H. Heermans*  
BY *Ernest Storer*  
ATTORNEY

## UNITED STATES PATENT OFFICE.

WILLIAM S. H. HEERMANS, OF TOWANDA, PENNSYLVANIA.

## SNOW-PLOW.

SPECIFICATION forming part of Letters Patent No. 745,608, dated December 1, 1903.

Application filed November 17, 1902. Serial No. 131,724. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM S. H. HEERMANS, a citizen of the United States, residing at Towanda, in the county of Bradford and State of Pennsylvania, have invented certain new and useful Improvements in Snow-Plows, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in snow-plows; and it consists in the novel arrangement and combination of parts more fully set forth in the specification and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of the plow, showing application thereof. Fig. 2 is a side elevation. Fig. 3 is a rear elevation. Fig. 4 is a front elevation, and Fig. 5 is a top plan thereof.

The object of my invention is to construct a snow-plow which can either be operated by hand or may be coupled to any vehicle—such as a car, locomotive, wagon, and the like—the coupling thereof to such vehicles being effected in any suitable mechanical manner.

A further object is to construct a plow which will be simple, easy to manipulate, effective, and one possessing further and other advantages better apparent from a detailed description thereof, which is as follows:

Referring to the drawings, 1 represents a vertical forwardly-projecting center board, from which diverge on either side the inclined shares 2, having a continuous front straight cutting edge 3 and terminating at the upper end in inclined outwardly deflected and con-

verging unloading-scrolls 4. The shares are supported on a frame 5, whose lower members are in the form of parallel runners 6, the bases of the runners and the edge 3 being disposed in the same plane, Fig. 2. The frame is provided with an inclined handle-bar 7. The center board parts the snow as the plow advances, the shares gathering it up, and the scrolls unloading or throwing it on either side of the plow.

As stated above the device may be placed in advance of a car, wagon, locomotive, or other vehicle without undergoing any special modification of construction.

Having described my invention, what I claim is—

A snow-plow comprising a vertical forwardly-projecting center board, diverging upwardly-inclined shares on either side thereof, and removed a suitable distance rearward from the front vertical edge of said center board and having a front continuous lower cutting edge intersecting the center board at right angles to the plane thereof and upper inclined converging unloading-scrolls, a frame supporting the shares, parallel runners at the bottom of said frame, and an inclined handle-bar coupled to the frame, substantially as set forth.

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

WILLIAM S. H. HEERMANS.

Witnesses:

M. I. W. HEERMANS,  
M. A. WATKINS.