

(No Model.)

J. E. TORR.
SNOW SHOVEL.

No. 543,910.

Patented Aug. 6, 1895.

Fig. 1.

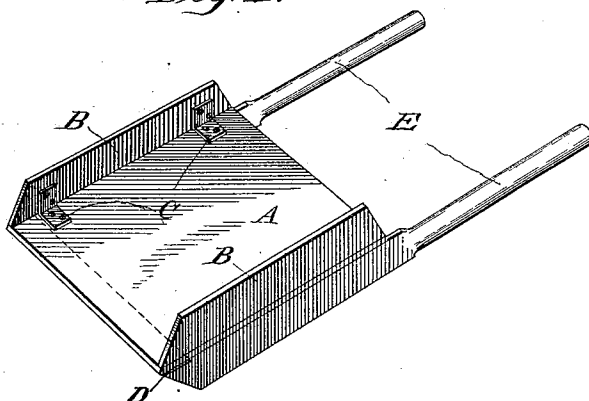


Fig. 2.

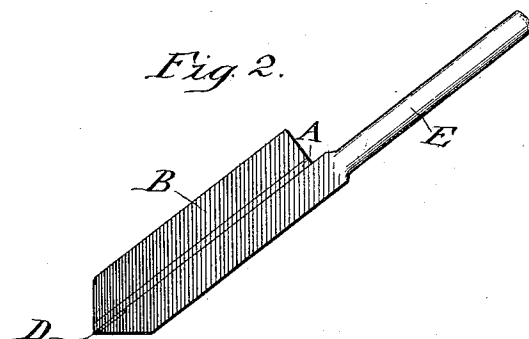
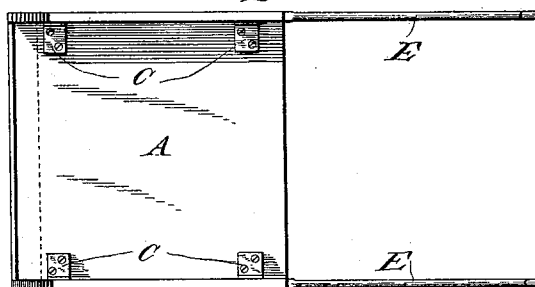


Fig. 3.



Witnesses:

Thos L. Gatchel.
H. P. Wilson

Inventor:

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UNITED STATES PATENT OFFICE.

JOSEPH E. TORR, OF PHILADELPHIA, PENNSYLVANIA.

SNOW-SHOVEL.

SPECIFICATION forming part of Letters Patent No. 543,910, dated August 6, 1895.

Application filed November 7, 1894. Serial No. 528,141. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH E. TORR, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Snow-Shovels; 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 improvements in snow-shovels, having for its object to provide an implement for removing snow from sidewalks.

The invention consists essentially of a blade made of wood or other suitable material, having two guards on its upper surface extending along the opposite sides thereof, and a pair of handles attached to the under side of the blade having beveled ends which provide a bearing-surface for the shovel against the pavement. At the forward end of the under surface of the blade is secured a metallic wear-plate. The guards on the under side of the blade are also beveled at their forward ends similarly to the ends of the handles, so that the shovel may be reversible.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view of my shovel. Fig. 2 is a side elevation of the same, and Fig. 3 is a plan view.

Like letters of reference indicate like parts in the various views.

A represents the blade of the shovel made of wood or other suitable material of proper width and depth, and having upon its upper surface, extending along the sides thereof, two guards B B, which are suitably secured to the blade A by means of the metallic clamp-plates C. These clamp-plates have been shown four in number, but it is obvious that they may be decreased or multiplied as occasion may require. The forward ends of the guards B B are tapered downwardly for a purpose

which will appear later. At the forward end of the under surface of the blade A is suitably secured a metallic wear-plate D.

E E represent a pair of handles secured to the under side of the blade A, having their forward ends abruptly tapered, as clearly shown, for the purpose of forming a bearing-surface against the sidewalk. The handles E along that part of their length which is in contact with the blade A are of about the same width as that of the guards B, and are placed on the under side of the blade in the position corresponding to that occupied by the said guards on the upper surface of the blade. By means of this construction it will be seen that the shovel may be reversed—that is, the handles may be used in their normal position or they may be turned over, occupying positions on the upper side of the blade—in which case the forward ends of the guards B would form a bearing-surface for the shovel against the sidewalk or pavement.

The device, it will be observed, is very simple in construction, is lightly made, at small expense, and is most effective in operation.

Having thus described the invention, what is claimed as new is—

A snow shovel made of wood or other suitable material having a blade provided with a wear plate along the forward edge of its under side, guards suitably secured to its upper surface and having tapering forward edges, and handles having tapered ends secured to the lower side of said blade, extending along said blade beneath said guard, and forming a bearing surface, whereby said shovel is reversible, substantially as and for the purposes specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOSEPH E. TORR.

Witnesses:

THOS. F. CARSON,
CHARLES H. MINTZER.