

E. CAMPBELL.

SNOW-SHOVEL.

No. 180,543.

Patented Aug. 1, 1876.

Fig. 1.

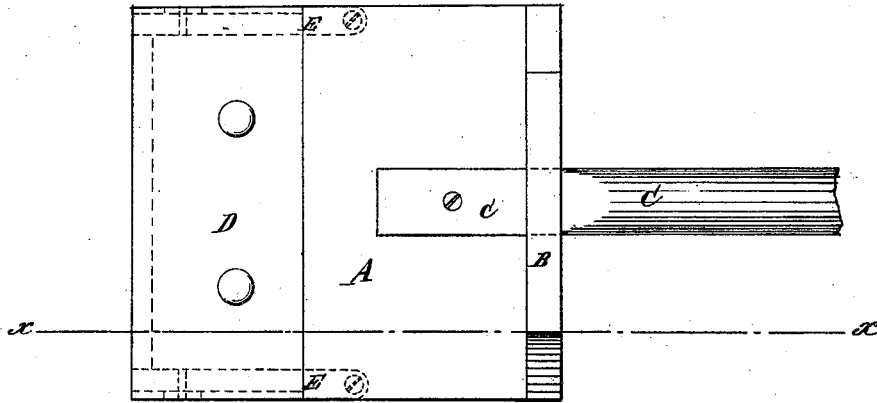
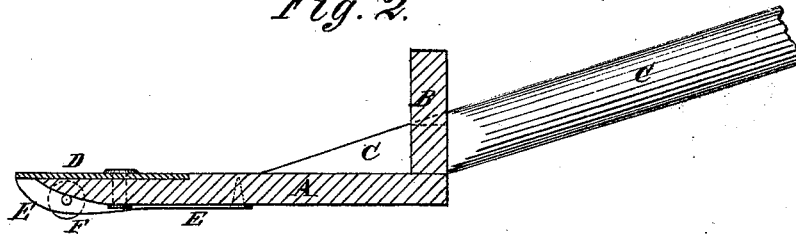


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EUGENE CAMPBELL, OF SOUTH WESTERLO, NEW YORK.

IMPROVEMENT IN SNOW-SHOVELS.

Specification forming part of Letters Patent No. **180,543**, dated August 1, 1876; application filed May 22, 1876.

To all whom it may concern:

Be it known that I, EUGENE CAMPBELL, of South Westerlo, Albany county, New York, have invented a new and Improved Snow-Shovel, of which the following is a specification:

Figure 1 is a top view of my improved shovel; and Fig. 2 is a longitudinal section of the same, taken through line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention will first be described in connection with drawing, and then pointed out in the claim.

A is the shovel-plate, upon the rear edge of which is a flange, B. C is the handle, which is secured to the plate A. To the upper side of the forward part of the plate A is attached a face-plate, D, the forward edge of which projects a little beyond the edge of the plate A. To the forward part of the lower side of the plate A are attached two or more runners, E, of such a thickness as to keep the edge of the plate D from coming in contact with the surface upon which the shovel is being used. The

runners E and plate D are cast in one piece, and the forward ends of the runners E are beveled or rounded off, so that the edge of the plate D and the forward ends of the runners E will act as a chisel to adapt the shovel to be used for cutting ice. To the sides of the runners E, or in recesses in said runners, are pivoted small wheels F, which roll along the surface upon which the shovel is being used, and lessen the friction between said surface and shovel.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A snow-shovel provided with face-plate D, extending beyond the edge of plate A, and having on the under side of its front end, and in one piece therewith, the runners E, constructed and arranged substantially as and for the purpose specified.

EUGENE CAMPBELL.

Witnesses:

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