(No Model.)

J. TELFER, Jr.

SHOVEL.

No. 440,933. Patented Nov. 18, 1890.

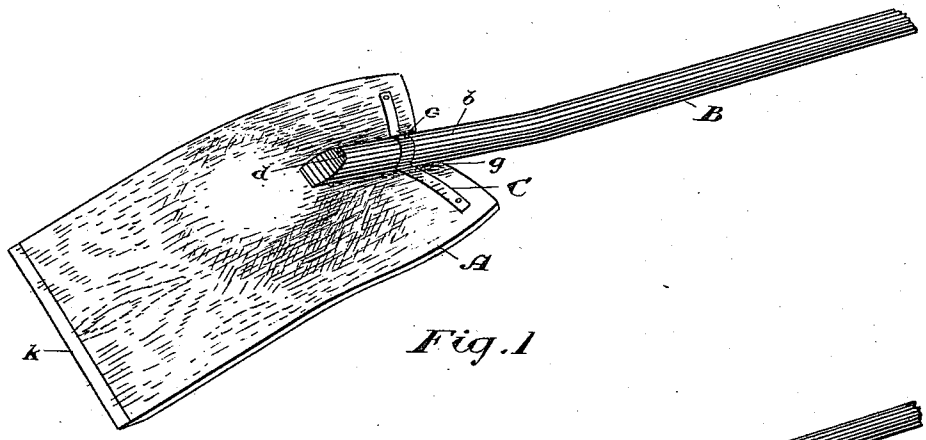


Fig. 1

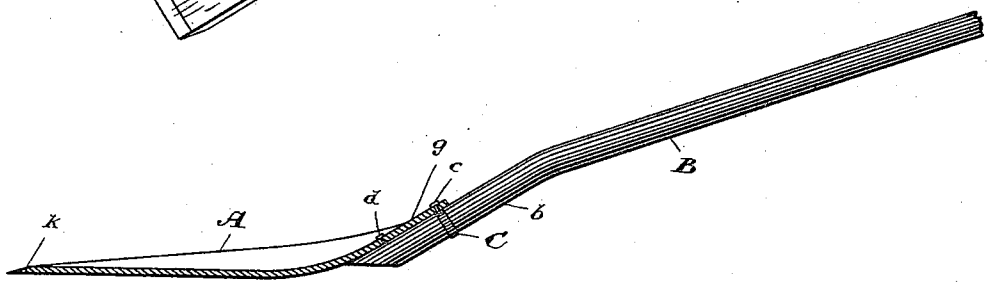


Fig. 2

Witnesses

A. Law. Maybee

W. G. McMillan

Inventor

James Telfer Jr.

by Donald C. Ridout & Co

Attys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JAMES TELFER, JR., OF BLENHEIM, CANADA.

SHOVEL.

SPECIFICATION forming part of Letters Patent No. 440,933, dated November 18, 1890.

Application filed October 9, 1889. Renewed July 24, 1890. Serial No. 359,732. (No model.)

To all whom it may concern:

Be it known that I, JAMES TELFER, Jr., mechanic, of the town of Blenheim, in the county of Kent, in the Province of Ontario, Canada, have invented a certain new and useful Improvement in Shovels, of which the following is a specification.

The object of the invention is to provide a strong, easily-constructed, handy, and capacious wooden shovel adapted for use in snow or grain; and it consists, essentially, of a blade or body of wood steamed and shaped as indicated, with an upward curve or arch where the shank of the handle is attached underneath the blade, to which it is strapped or riveted, substantially as specified.

Figure 1 is a perspective view of my improved shovel, bottom up. Fig. 2 is a sectional elevation cut through center of blade. Like letters of reference indicate similar parts in the different figures.

A is the blade or body of the shovel, which is of wood steamed and pressed into shape at the neck, where the shank *b* of the handle B meets the blade. The body or blade has an upward curve or arch *g*, so as to form a bed for the shank *b*. This shank *b* is riveted to the handle by the rivets *c* and *d*, the rivet *c* passing also through the strap C, which is also riveted to the body A by rivets *e* and *f*. The edge of the blade or body A is shod at K and is flat when shod. The body of the blade is curved or made hollow, so as to form a basin for the better handling of the snow or grain. The upward curve or arch *g* of the blade or body A renders the shovel very strong and admits of the curved handle B being attached to the body or blade on the under side instead of on the upper side, as is usually the case. This method of attaching the handle underneath the body or blade gives more capacity to the body and renders the handle less liable to be detached therefrom.

What I claim as my invention is—

As a new article of manufacture, a shovel consisting of the wooden blade or body having its upper end curved and provided with a depression or recess, the handle having its lower end fitting in said depression, and the strap having its central portion curved around the handle and secured thereto and its ends resting on the body and secured thereto.

Toronto, September 19, 1889.

JAMES TELFER, JR.

In presence of—

CHARLES C. BALDWIN,

I. EDW. MAYBEE.