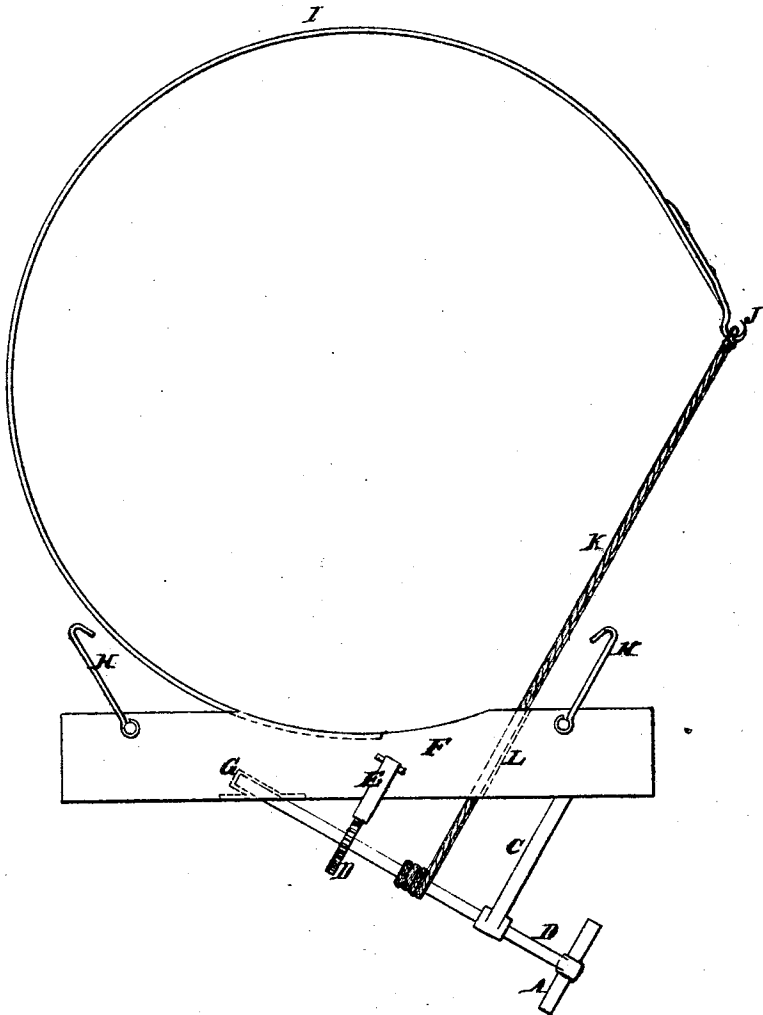


GEORGE MCKAUGHAN.

Portable Windlass and Gathering Hoop.

No. 123,716.

Patented Feb. 13, 1872.



Witnesses.

Thos. J. Todd.
Charles E. Watkins.

Inventor.

George McKaughan.

UNITED STATES PATENT OFFICE.

GEORGE McKAUGHAN, DECEASED, (FOSTER McKAUGHAN, ADMINISTRATOR,) OF CURDSVILLE, KENTUCKY.

IMPROVEMENT IN PORTABLE WINDLASS AND GATHERING-HOOPS.

Specification forming part of Letters Patent No. 123,716, dated February 13, 1872; antedated January 1, 1872.

SPECIFICATION.

I, GEORGE McKAUGHAN, of Curdsville, in the county of Daviess and the State of Kentucky, have invented certain Improvements in Portable Windlasses or Gathering-Hoops for hogsheads and barrels, of which the following is a specification:

The whole of my invention relates to and consists in the combination of the windlass and hoop, they being so arranged as to render them portable and easily attached to the top of hogsheads or barrels, for the purpose of drawing the staves sufficiently close to place the hoops.

General Description.

A is a handle to windlass, which turns shaft B, to the left, that the rope winds on. C is a brace for the shaft half lapped into the sill or foundation piece F. This beam F is a four-inch piece of timber, thirty inches long, curved in center to suit the circle of the hoop I, which is made of white oak, one and a half inch wide

and three-fourths inch thick, the end passing through beam F in a mortise, in the shape seen in the drawing, and fastened with two pins. The loose end of the hoop may pass through beam F with the rope K or work as seen in the drawing. H are hooks that support the windlass on the hogshead by hooking on the top end of hogshead. D and E are the ratchet-wheel and ratchet that hold the rope K while winding. G is a socket for the end of the windlass-beam to rest in. L is three-fourths-inch hole through beam F for the rope to pass through from hook J, that is fastened to the hoop with three screws.

Claim.

I claim as my invention—
The combination of portable windlass and gathering-hoop.

GEORGE McKAUGHAN.

Witnesses:

THOS. J. TODD,
CHARLES C. WATKINS.