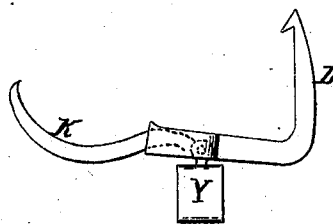
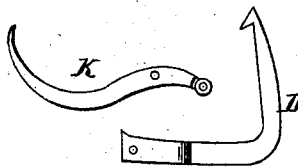
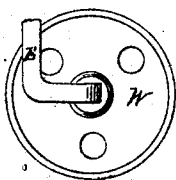
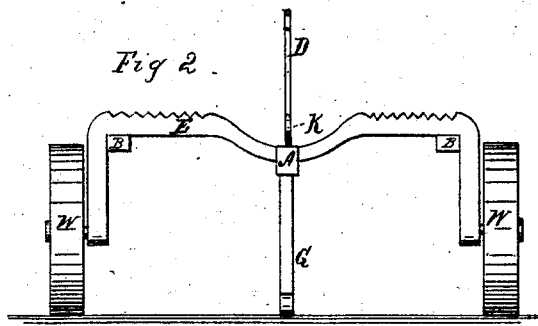
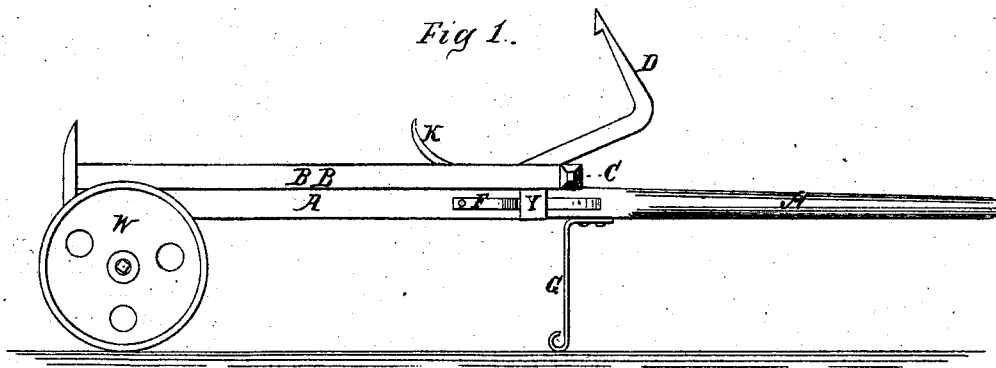


Thomas F. Kiff Hand Truck.

116325

PATENTED JUN 27 1871



Witnesses

S. D. George -
Alex Harrison -

Inventor

Thomas F. Kiff

UNITED STATES PATENT OFFICE.

THOMAS F. KIFF, OF FAIRBURY, ILLINOIS.

IMPROVEMENT IN HAND-TRUCKS.

Specification forming part of Letters Patent No. 116,325, dated June 27, 1871.

To all whom it may concern:

Be it known that I, THOMAS F. KIFF, of Fairbury, county of Livingston, State of Illinois, have invented a new and useful Improvement in Trucks for handling boxes, barrels, bales, &c.

My invention consists of frame-work, axle, and, clamp-hooks, so arranged as to grasp, hold, and, with the aid of wheels, to easily move boxes, barrels, bales, &c.

Figure 1 is a side view. Fig. 2 are sectional views.

The frame-work, Fig. 1, consists of lever A, side pieces B B, cross-bar C with spring F, and foot G, as shown in the drawing. The axle E, Fig. 2, to which the frame-work is bolted, is bent and curved to form a concave lip for the reception of barrels, with corrugated ends for holding the lower part of articles to be moved. The ad-

justable clamp-hooks D K, connected by bolt with hasp Y, slide on lever A. The lower part K forms a fulcrum, when properly adjusted to the article to be moved, by drawing lever A toward you, at the same time pressing the axle to the article. This action draws the upper part of clamp D into the article, holding it firmly, while the corrugated part of the axle prevents the same from sliding.

I claim as my invention—

The combination of frame-work, axle E, and adjustable clamp-hooks D K, for the purpose set forth and described.

THOMAS F. KIFF.

Witnesses:

ALEX. HARBISON,
T. D. GEORGE.