

(No Model.)

C. F. STREMEL.
HAND TRUCK.

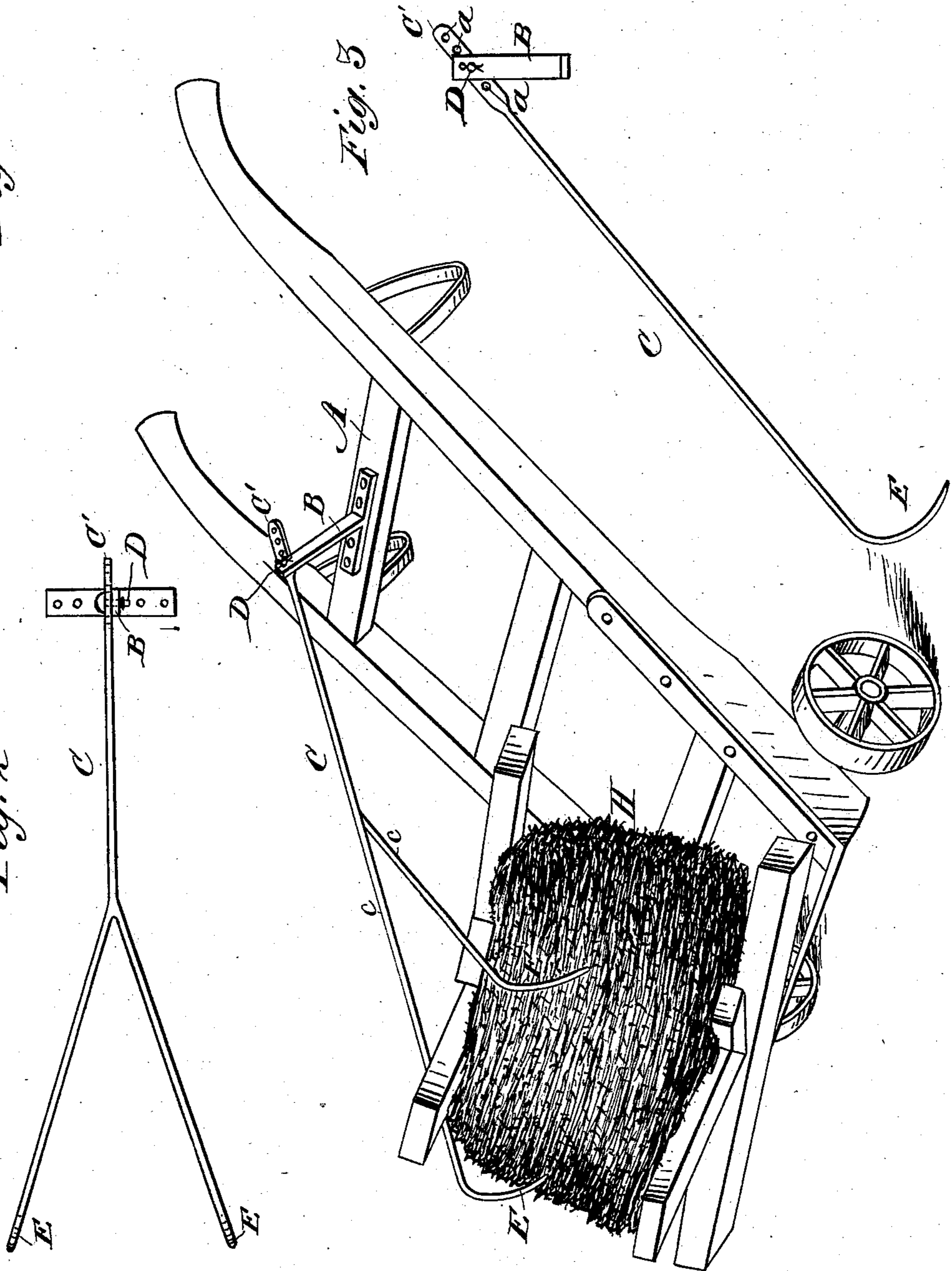
No. 294,525.

Patented Mar. 4, 1884.

Fig. 1

Fig. 2

Fig. 3



WITNESSES:

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CHARLES F. STREMEL, OF CRESCO, IOWA.

HAND-TRUCK.

SPECIFICATION forming part of Letters Patent No. 294,525, dated March 4, 1884.

Application filed November 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES F. STREMEL, of Cresco, in the county of Howard and State of Iowa, have invented a new and Improved Grapple for Freight-Trucks, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved grapple for trucks for the purpose of holding freight packages, &c., on the truck.

The invention consists in the combination, with the truck, of a rod pivoted on the upper end of the same, which rod has its free end forked, hooks being formed on the ends of the prongs of the fork. The hooked end of the rod is placed on a bundle, &c., held on the truck, for the purpose of holding the bundle in place.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a freight-truck provided with my improved grapple. Fig. 2 is a plan view of the grapple. Fig. 3 is a side view of the same.

On the upper cross-bar, A, of a truck a standard, B, is secured, to the upper free end of which one end of a rod, C, is pivoted, which pivoted end is flattened and provided with a series of apertures, *a*, through one of which a pintle, D, is passed, which is also passed through an aperture in the upper end of the standard B. The free end of the rod C is forked, and the ends of the prongs *c c* of the fork are bent down to form hooks E. The flattened end C' of the rod C, projecting toward the handles of the truck beyond the pivotal point, serves as a handle by which the hooks of the rod C can be disengaged from the bun-

dle or package. If a bundle or pack, H, of barbed or other wire, or other package, bundle, &c., is to be loaded on the truck, the forked end of the rod C is raised, the truck is put in position for loading, and the forked end is then lowered on the pack or bundle, as shown in Fig. 1, and thus holds the bundle or pack in place. Any other freight or packages can be held in the same manner on the truck. If the bundle, pack, &c., is to be removed, the hooked end of the rod is raised to release the pack. The rod C can be adjusted according to the length of the truck.

I am aware that a forked rod having hooks on the ends of its prongs has been pivoted to the forward part of a truck. I am also aware that a hooked bar composed of two sections adjustably connected together has been pivoted to a clamping-bar adapted to be secured to the cross-bar of a truck; and I am also aware that a hook has been adjustably attached to the forward end of a bar having an endwise adjustment under the truck, and I therefore lay no claim to such inventions.

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

The combination, with a truck and the standard B, having an aperture in its upper end, and rigidly secured to the cross-bar A of the truck, of the rod C, provided with the prongs *c*, having hooks E at their ends, and the flattened end C', having apertures *a*, and serving as a handle for operating the rod, and the pintle D, substantially as herein shown and described.

CHAS. F. STREMEL.

Witnesses:

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