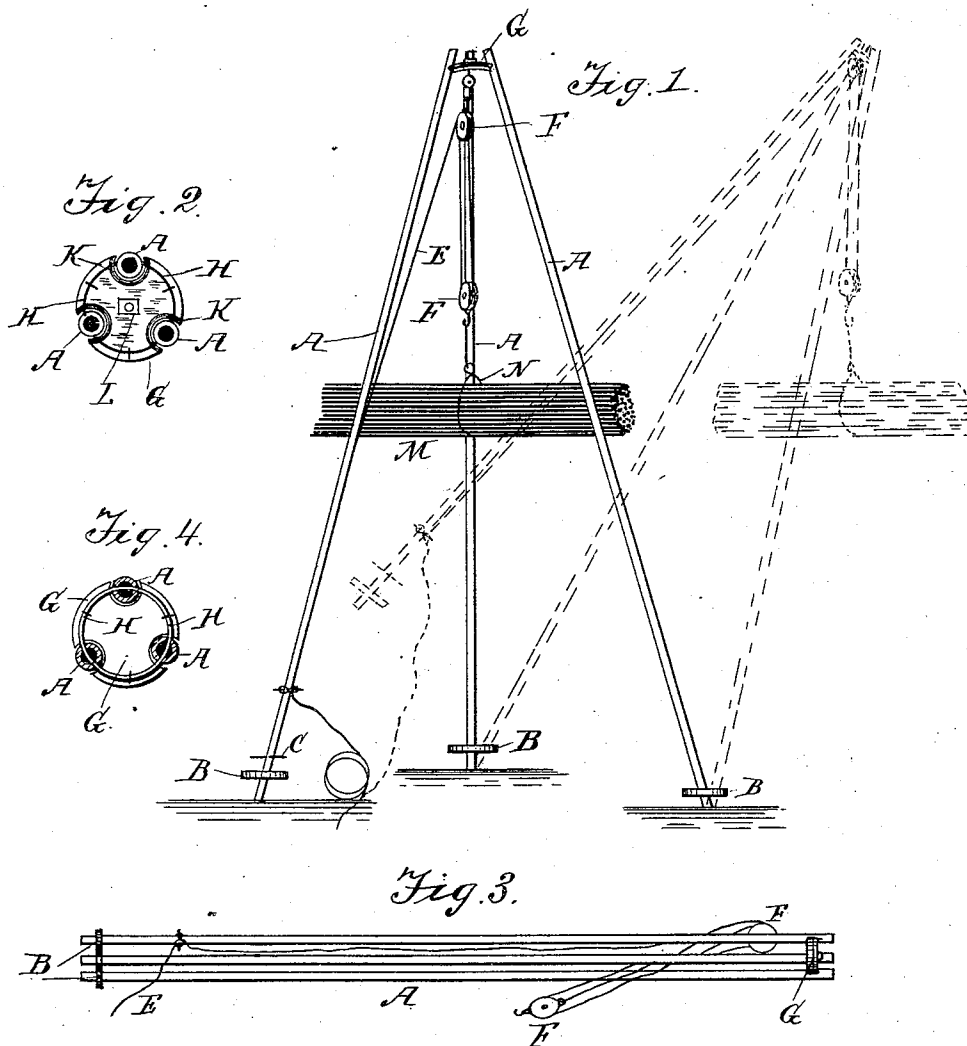


(No Model.)

C. S. PALM.
DERRICK.

No. 475,221.

Patented May 17, 1892.



Witnesses

Charles J. Allen

O. A. Slater

Inventor

Carl S. Palm

By his Attorney

W. R. Stringfellow

UNITED STATES PATENT OFFICE.

CARL SEGERROT PALM, OF NEAR FOSTER, LOUISIANA.

DERRICK.

SPECIFICATION forming part of Letters Patent No. 475,221, dated May 17, 1892.

Application filed June 29, 1891. Serial No. 397,939. (No model.)

To all whom it may concern:

Be it known that I, CARL SEGERROT PALM, a citizen of the United States, residing near Foster, in the parish of St. Mary and State of Louisiana, have invented certain new and useful Improvements in Folding Derricks for Loading Carts, Wagons, and Cars; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in a folding derrick for loading carts, wagons, and cars, and its novelty will be fully understood from the following description and claims when taken in connection with the annexed drawings.

The object of my invention is to facilitate the loading of a cart, wagon, or car with sugar-cane. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the derrick. Fig. 2 is a top view. Fig. 3 is a side view showing the derrick folded. Fig. 4 is a sectional view showing the ring passed through the standards.

Similar letters refer to similar parts throughout the several views.

In the drawings, A refers to the uprights or body of the derrick, which are preferably constructed of gas or water pipe having pieces B attached, as shown in Fig. 1, thus preventing uprights A from sinking beyond a certain depth when derrick is in position for use.

C is an arm attached to one of the uprights A and by which the derrick can be raised and placed in the position shown in dotted lines when it is desired to dump a bundle of cane.

D is an attachment placed on one of the uprights A for attaching rope E when it is desired to hold a bundle of cane at a fixed elevation.

F are blocks, which may be of any desired construction.

G is a disk, upon which a metal ring H is rigidly attached, it being a complete ring for the purpose of strengthening the disk for holding the uprights in position and at the same time allowing them free and easy movement by the said ring passing through the end of each upright A and holding same in near proximity to each other.

K is a flange or bearing, upon which uprights A rest when in use.

L is a nut for securing bolt and hook, to which one of the blocks F is attached.

In practice the cane is cut and placed in bundles, as shown by M, having a sling N placed around each bundle, the derrick when not in use being folded, as shown in Fig. 3, and when in position for use the uprights A are separated in the manner shown in Fig. 1 and each bundle of cane is elevated, as shown in Fig. 1, and placed either in car or cart.

By the use of my folding derrick much time and labor are saved, and I am enabled to load a car or cart with two men, where formerly it required the services of ten men to perform the same labor.

Having described my invention and the manner in which the same is constructed and operated, I would state that what I claim, and desire to secure by Letters Patent, is—

In a folding derrick for loading cane, such as described, the combination of the uprights A, with pieces B thereon, and disk G, provided with a ring H, the latter passing through the ends of uprights A, and disk G, having flanges K thereon, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CARL SEGERROT PALM.

Witnesses:

HELMUTH HOLTZ,
PERCY D. PARKS.