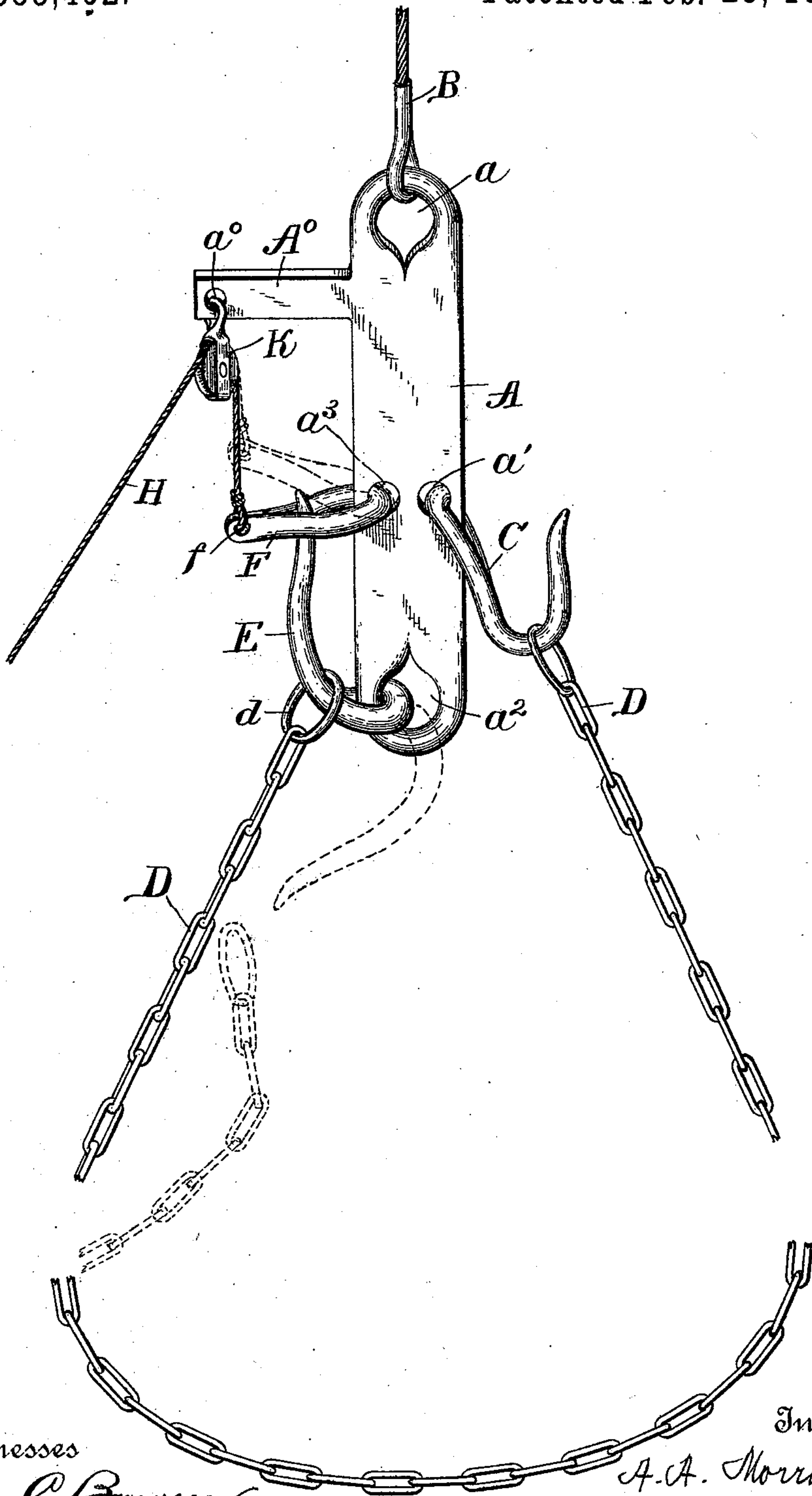


(No Model.)

A. A. MORROW.  
TRIPPING ATTACHMENT FOR CANE LIFTS.

No. 555,462.

Patented Feb. 25, 1896.



Witnesses

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# UNITED STATES PATENT OFFICE.

ALBERT A. MORROW, OF LOREAUVILLE, LOUISIANA.

## TRIPPING ATTACHMENT FOR CANE-LIFTS.

SPECIFICATION forming part of Letters Patent No. 555,462, dated February 25, 1896.

Application filed July 12, 1895. Serial No. 555,779. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT A. MORROW, a citizen of the United States, residing at Loreauville, in the parish of Iberia and State of Louisiana, have invented certain new and useful Improvements in Tripping Attachments for Cane-Lifts; 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 tripping attachments for slings for lifting sugar-cane and similar articles where it is desired to lift large loads out of the cart or other vehicle and then to drop the same on a platform or carrier or into a car.

The said invention consists of certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawing, in which—

A represents a metallic bar provided with an eye  $a$  to receive the spliced eye in the end of the wire rope B, which is suspended from any suitable support. (Not shown.)

C represents a hook which is pivotally supported in the eye  $a'$  in the bar A, which hook supports the fixed end of the chain D. Instead of the chain a rope of wire, manila, or other material may be used. The other end of the rope or chain D is provided with an enlarged link or eye  $d$ , which slips over the tongue E, pivoted in the eye  $a^2$  in the bar A. The upper end of this tongue E engages in the link F, which is provided at its outer end with an eye  $f$  to receive the tripping-line H and is pivoted at its inner end in the eye  $a^3$  of the bar A. This tripping-line H passes over a block or guide-pulley K, hooked in the eye  $a^0$  of the arm  $A^0$ , projecting from the bar A.

The cane is lifted by winding up on the the rope B, and when high enough the tripping-line is hauled up until the link F is raised to the position indicated by the dotted lines, when the tongue E falls down to the position

indicated by the dotted lines, releasing the chain D and allowing the load to fall.

By having the frame of my tripping device made in the form of a flat metal bar such as shown and provided with eyes in which the various hooks and supports are secured and by having these hooks made as shown it will be evident that I provide an extremely simple and consequently cheap device—one that can readily be made by any ordinary blacksmith in a short while and that will be sufficiently strong for all purposes for which it is intended.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

In a tripping device for cane-lifts, the combination with the metal bar A provided with the eye  $a$  in its upper end for receiving a rope or other device for suspending the said bar, and the eye  $a^2$  in its lower end for the holding-tongue, and the smaller eyes  $a'$  and  $a^3$ ; and having the laterally-extending arm  $A^0$  near its upper end provided with an eye  $a^0$  in the outer end thereof; of a rope B for suspending the said metal bar A; the hook C engaging in the eye  $a'$ , for engaging one end of a sling; the tongue E loosely engaging in the eye  $a^2$  and adapted to engage the other end of the sling; the link F engaging the eye  $a^3$ , and provided with eye  $f$  in its outer end, and adapted to engage the end of the tongue E when the device is locked; the pulley-block K suspended from the eye  $a^0$  in the arm  $A^0$ ; and the tripping-line H rove through said pulley-block and fastened in the eye  $f$  in said link F, by means of which line the said link may be raised, thus tripping the device, substantially as described.

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

ALBERT A. MORROW.

Witnesses:

GEO. FRANCIS,  
JUNIUS SAMPSON.