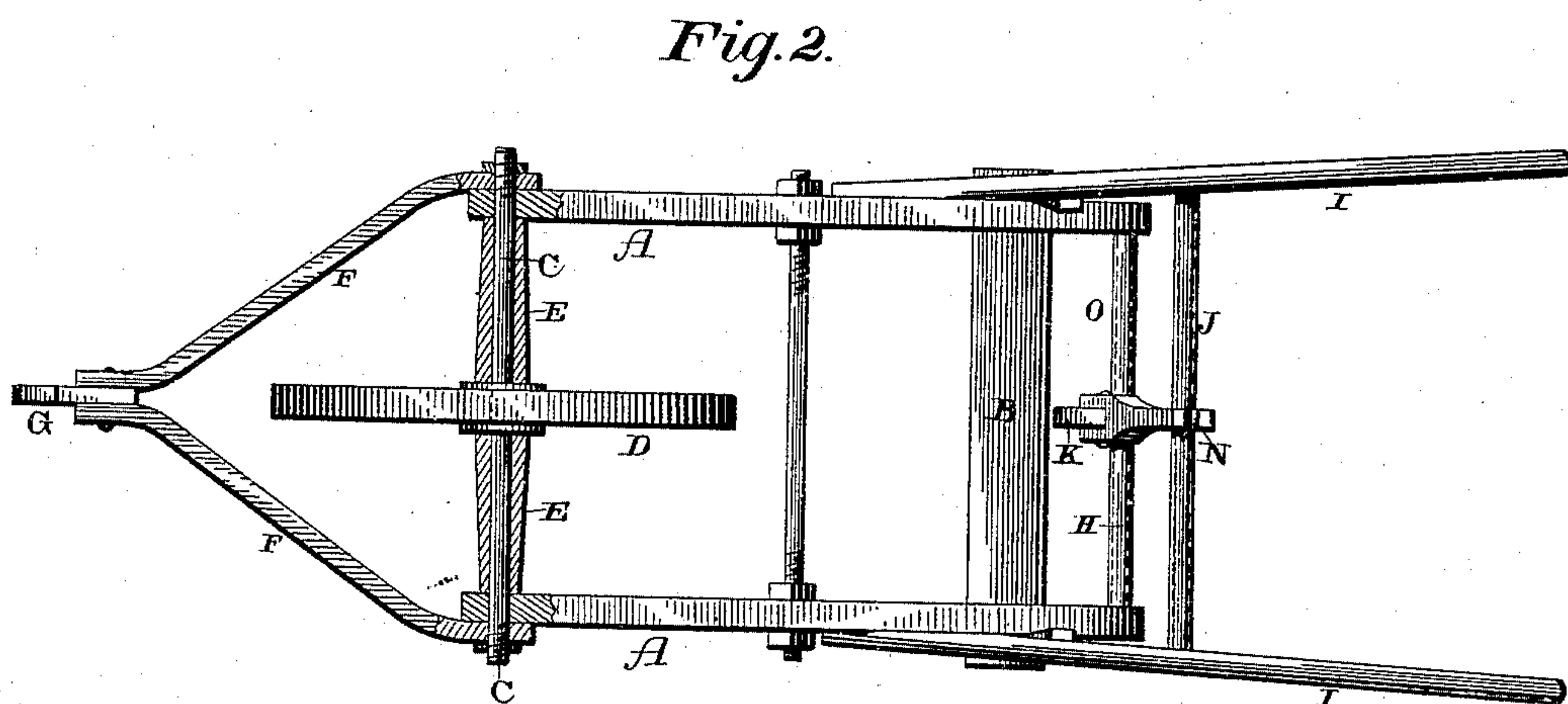
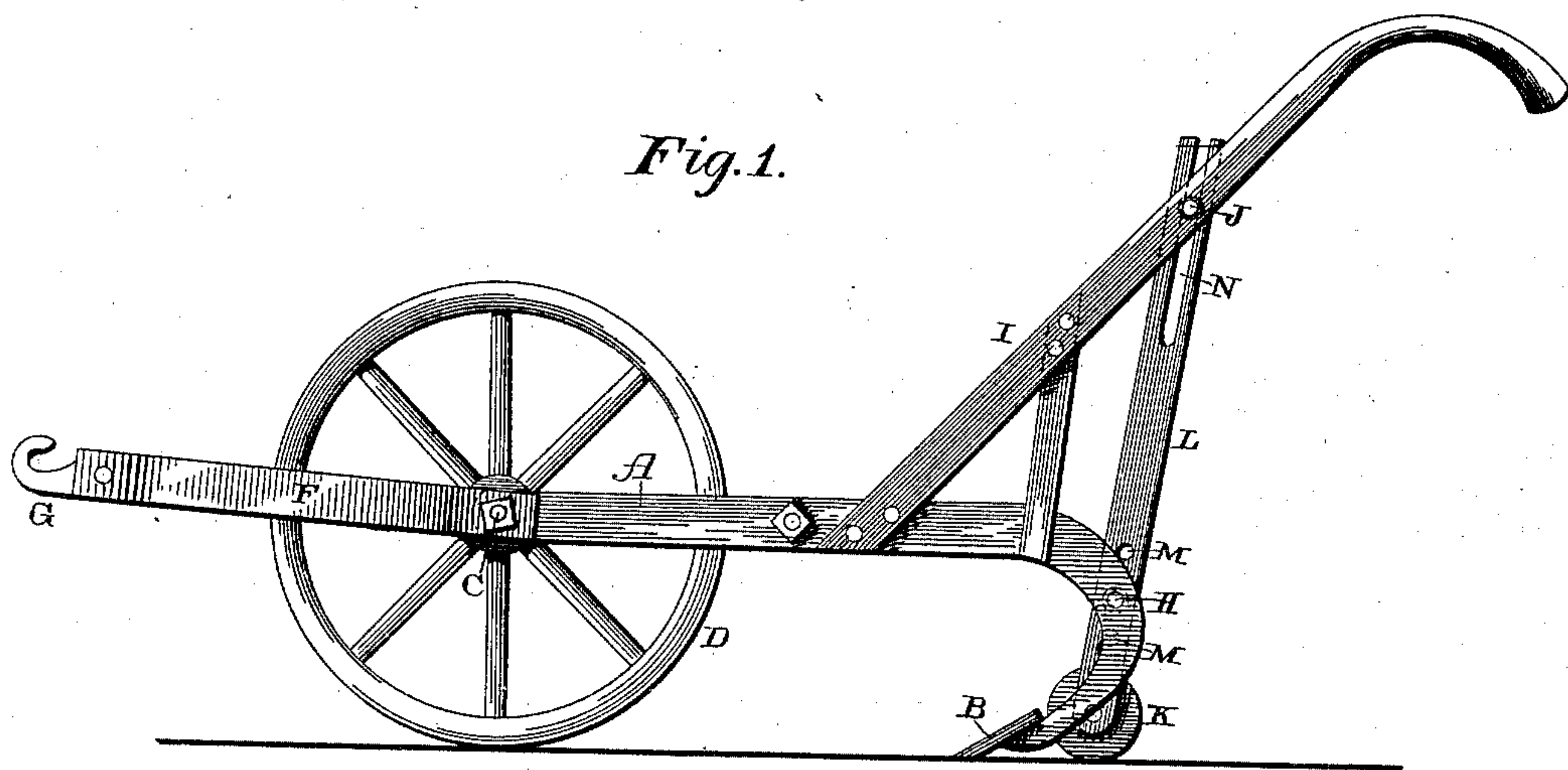


(No Model.)

J. J. HOBBS.  
COTTON SCRAPER.

No. 445,891.

Patented Feb. 3, 1891.



Witnesses:

*E. P. Ellis*  
*J. M. Nesbit*

Inventor,

*Jas. J. Hobbs.*  
*per*  
*Lehmann & Patterson,*  
*attys*



# UNITED STATES PATENT OFFICE.

JAMES JOSEPH HOBBS, OF LAGARTO, TEXAS.

## COTTON-SCRAPER.

SPECIFICATION forming part of Letters Patent No. 445,891, dated February 3, 1891.

Application filed October 14, 1890. Serial No. 368,135. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES JOSEPH HOBBS, of Lagarto, in the county of Live Oak and State of Texas, have invented certain new and useful Improvements in Cotton-Scrapers; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in cotton-scrappers; and it consists in the special construction and arrangement of parts, which will be fully described hereinafter, and pointed out in the claims.

The object of my invention is to provide a cotton-scraper which is composed of few parts, and to so construct the scraper that a regulator can be applied to the rear of the scraper for the purpose of regulating the depth at which the scraper shall run.

Figure 1 is a side elevation of a cotton-scraper which embodies my invention. Fig. 2 is a plan view of the same, partly in section.

A represents two parallel beams which have their rear ends curved downward and forward, and to the rear end of these beams is connected, by means of bolts or other suitable fasteners, a cutter or scraper B. Passing through perforations made in the forward ends of the beams is a rod C, which is provided with screw-threads upon its ends for the reception of clamping-nuts, and upon this rod is placed a wheel D, which is provided with a long hollow hub E, through which the rod C passes. The rod C forms a bearing or journal for the hub of the wheel, and the ends of the hub of the wheel engage the inner sides of the beams and keep them separated the proper distance. Also, placed upon the bolt C, outside of the beams A, are the inwardly and forwardly extending bars F, between the front ends of which is clamped a clevis or draft-hook G. Passing through the curved portions of the beams A is a rod H, which braces and supports the beams at this point. Bolted to the beams and extending upwardly and rearwardly are the handles I, which have their upper ends supported and braced by means of the transverse rod J.

For the purpose of regulating the depth at which the cutter B shall run in the ground a wheel or roller K is journaled in the lower end of a vertical support or rod L. This rod L is provided with a series of perforations M, through which the rod H passes, and with a vertical slot N in its upper end, through which slot passes the rod J, for the purpose of supporting this bar L in its proper position upon the rods H J. Placed upon the said rods H J, upon opposite sides of the bar L, are the sleeves O, which engage, respectively, the bar and the inner sides of the beams A. By means of this construction the rod H can be removed and placed through either one of the perforations in the bar L for the purpose of raising and lowering the said bar, and thus adjusting the depth at which the cutter shall run.

It will be seen from the above description that the beams A, the wheel D, and the draft-bars G are all supported and journaled upon the rod C, which allows the beams and the draft-bars a free up-and-down movement independent of the wheel D, and that a scraper is produced which is very simple in construction and readily taken apart at any time for the purpose of repair.

Having thus described my invention, I claim—

1. In a cotton-scraper, the combination of the beams, the cutter secured to their rear ends, the supporting-wheel provided with a hollow hub, the rod which passes through the forward ends of the beams and the hollow hub of the wheel, and the draft-bars, substantially as described.

2. In a cotton-scraper, the combination of the beams, a cutter secured to their rear ends, the supporting-wheel journaled between their front ends, a rod connecting the rear ends of the beams above the cutter, the handles, a rod connecting the upper ends thereof, a bar provided with a series of perforations, a slot through which the said rods pass, and a roller or wheel journaled in the lower end of the bar, substantially as set forth.

3. In a cotton-scraper, the combination of the beams, the cutter secured to their rear ends, a supporting-wheel journaled between their forward ends, a rod passing through the rear ends of the beams above the cutter, the

handles, a rod connecting their upper ends,  
a vertical bar having a roller or wheel jour-  
naled in its lower end and provided with  
openings through which the said rods pass,  
5 and sleeves placed upon the rod at each side  
of the said vertical bar, substantially as shown  
and described.

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

JAMES JOSEPH HOBBS.

Witnesses:

H. STEDMAN,

J. T. NEWBERRY.