

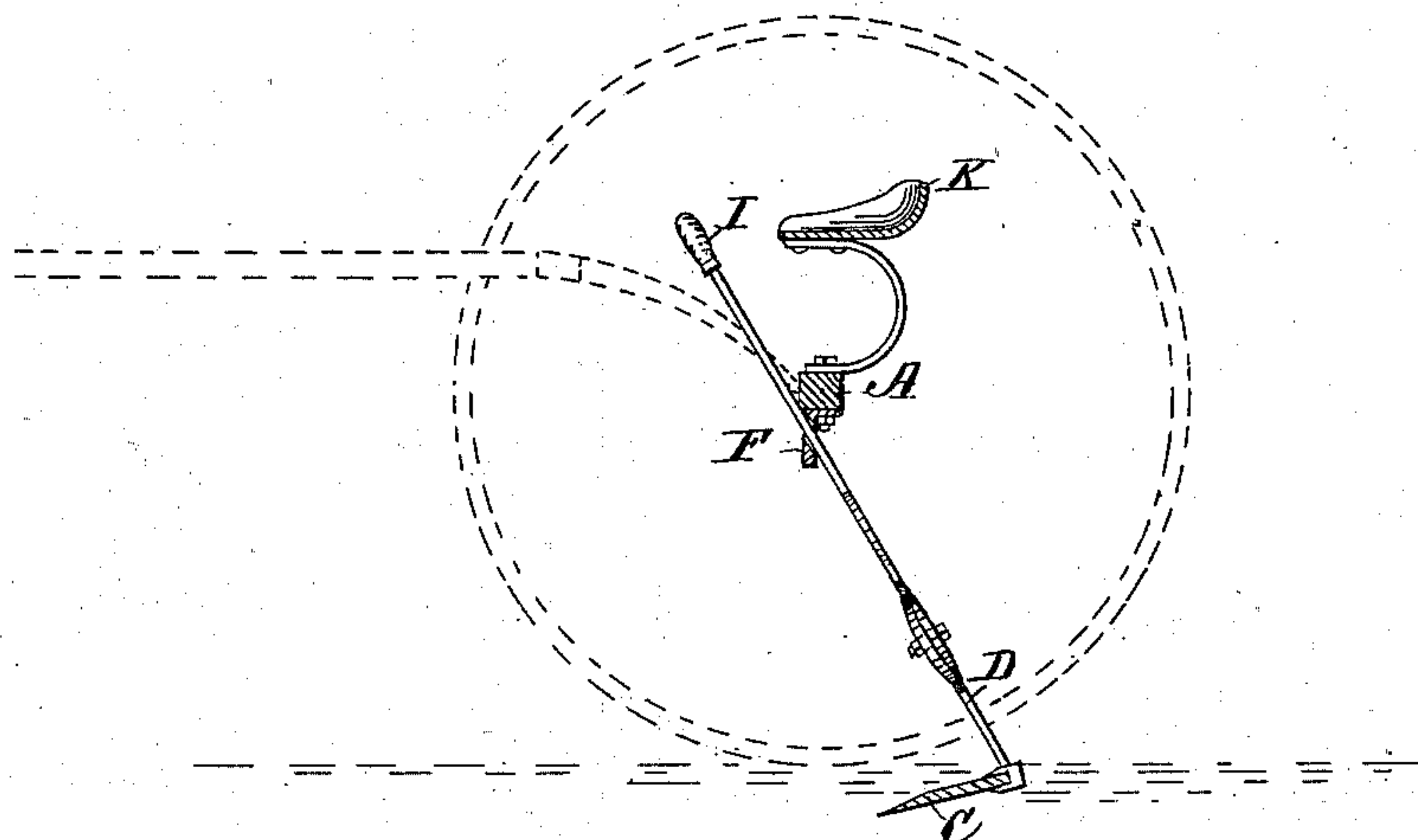
(No Model.)

W. S. CRAIG.  
COTTON CHOPPER.

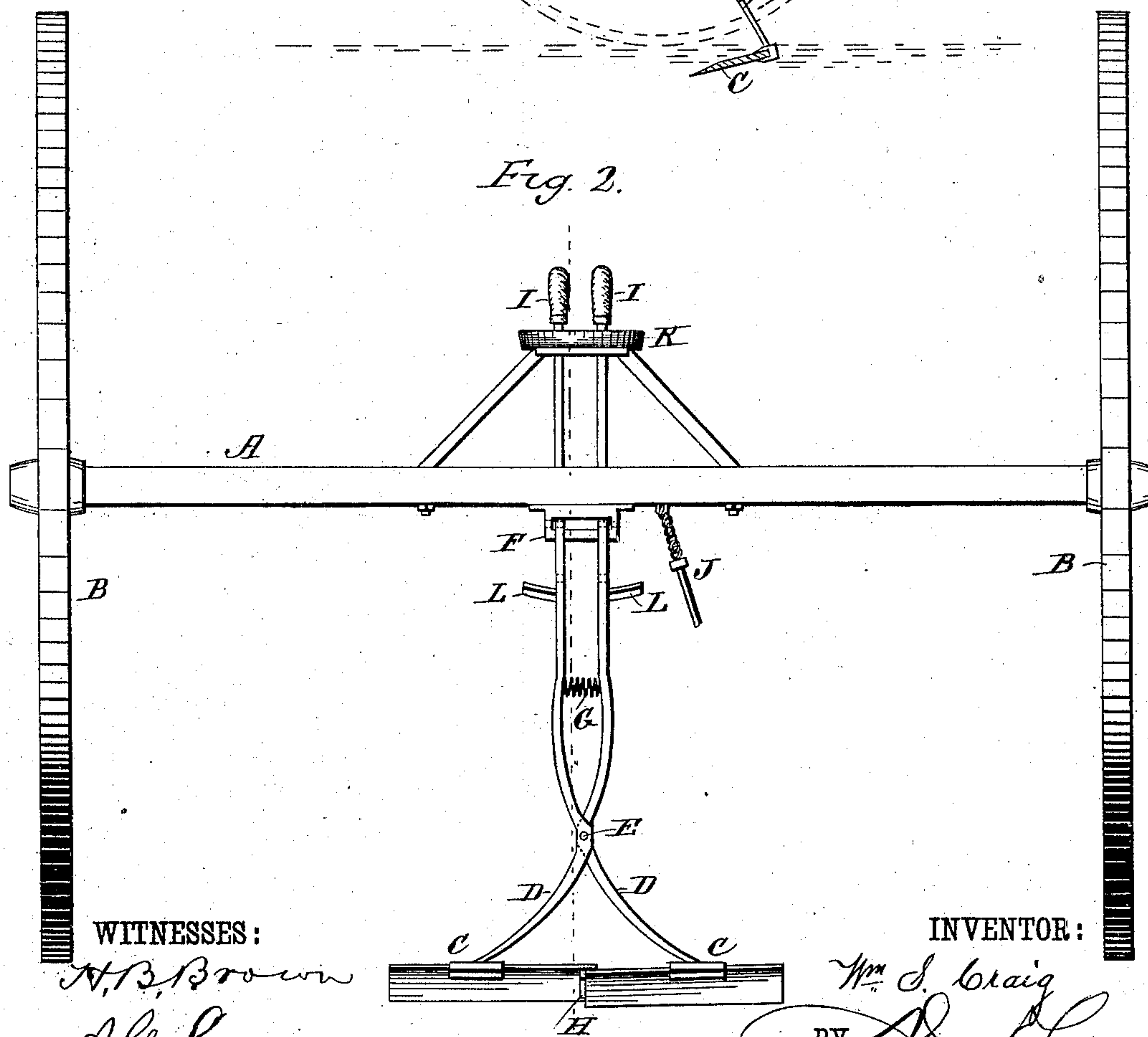
No. 271,801.

Patented Feb. 6, 1883.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*N. B. Brown*  
*A. G. Lyne*

INVENTOR:

*Wm. S. Craig*  
BY *[Signature]*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM SINCLAIR CRAIG, OF COURTNEY, TEXAS.

## COTTON-CHOPPER.

SPECIFICATION forming part of Letters Patent No. 271,801, dated February 6, 1883.

Application filed November 15, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WM. SINCLAIR CRAIG, of Courtney, in the county of Grimes and State of Texas, have invented a new and useful Improvement in Cotton-Choppers, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification.

This invention consists of a cotton-chopper having a pair of hoes combined with the axle of a sulky, as hereinafter described.

In the drawings, Figure 1 is a vertical section of my invention, and Fig. 2 is a rear elevation of the same.

A indicates an axle, which is to be about three feet in length, supported upon a pair of wheels, B B, of about two feet in diameter. A pair of hoes, C C, are secured respectively to the bars D D, which are pivoted together at E and supported within a loop, F, attached to the center of the axle. These hoes are to be about three and one half inches each in length and two inches in width, and capable of being separated laterally about one inch to allow them to pass on opposite sides of the cotton-plants that are to be left standing in the row.

A spring, G, is secured between the bars D to hold the hoes in a closed position, in which position one of the hoes may be made to overlap the other and rest against a lug, H, thereon. The loop F is to be of such a size that it will allow the bars only to be moved together by means of the handles I, or moved up and down to regulate the depth of cutting. As shown, the bars D are arranged in front of the axle; but they may just as well be placed at the rear, if desired.

The hoes are preferably set at an angle of fifteen degrees; but they may be adapted either for cutting up the soil or for scraping the surface.

J indicates a pin, which is to be inserted through perforations in the bars D and the loop F, to hold the hoes above ground when not in actual use.

The axle is provided with stay-rods to support a seat, K, and the bars D are provided with rests L, to support the feet of the driver. The handles of the bars D are designed to be within easy reach of the driver, who is to operate them to control the action of the hoes.

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

1. The combination, with a sulky having a loop secured to its axle, of a pair of hoes secured to a pair of pivoted bars, which are adapted to slide up and down in the loop, and a spring arranged between the bars to hold the hoes in a closed position, substantially as shown and described.

2. The combination, with a sulky having a loop secured to its axle, of a pair of hoes secured to a pair of pivoted bars, which are adapted to slide up and down in the loop, and which are provided with foot-rests for the driver, whereby the hoes may be forced into the ground, substantially as shown and described.

WM. SINCLAIR CRAIG.

Witnesses:

GEO. E. WHITE,  
R. I. WHITE.