

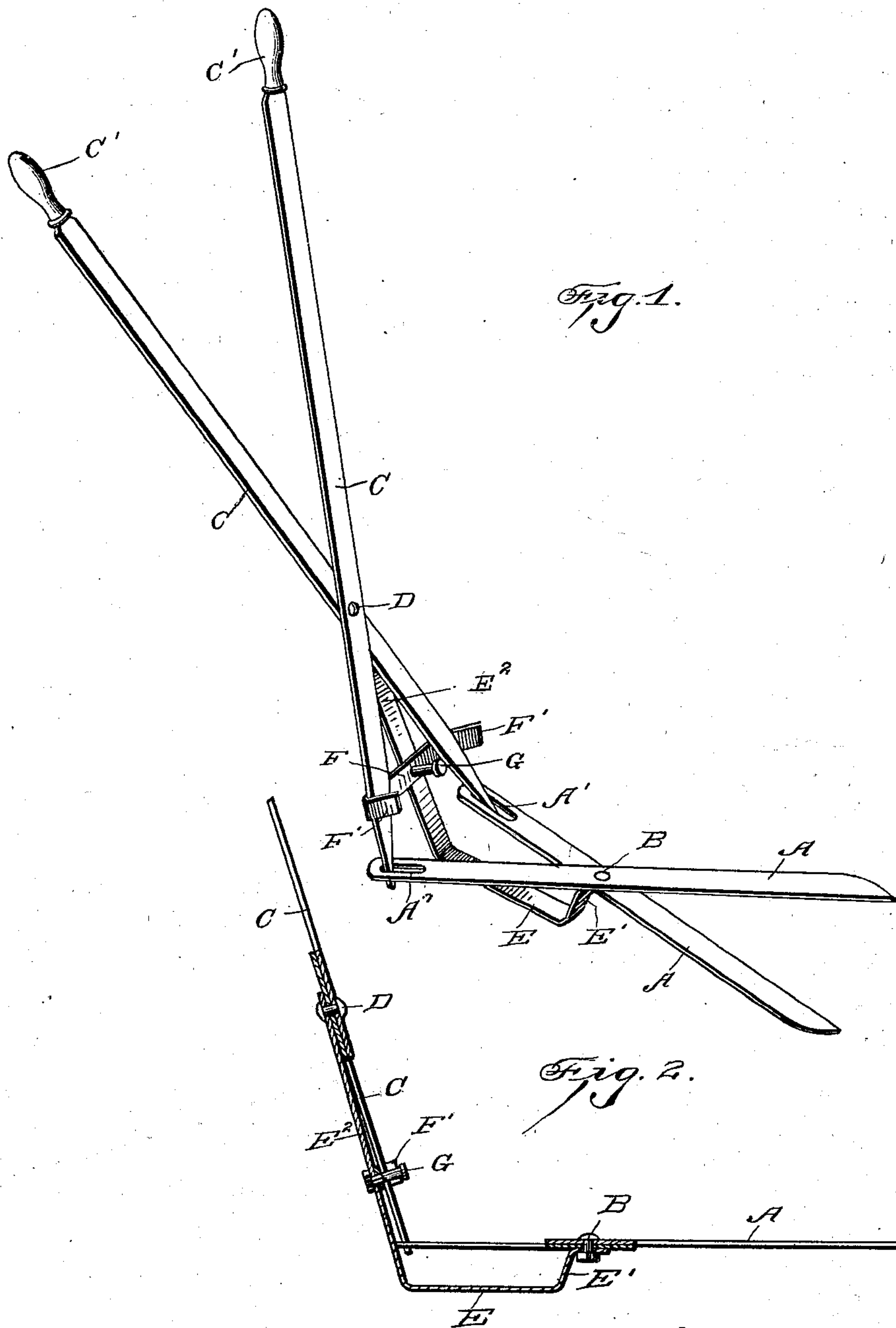
No. 708,737.

Patented Sept. 9, 1902.

J. B. RHODES.  
SHEARS FOR CUTTING GRASS.

(Application filed Apr. 26, 1902.)

(No Model.)



Witnesses

*R. A. Boswell.*  
*L. S. Black.*

Inventor  
James B. Rhodes

By *Luther V. Moulton*

Attorney

# UNITED STATES PATENT OFFICE.

JAMES B. RHODES, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO THE  
CRONK AND CARRIER MANUFACTURING COMPANY, OF ELMIRA,  
NEW YORK, A CORPORATION OF NEW YORK.

## SHEARS FOR CUTTING GRASS.

SPECIFICATION forming part of Letters Patent No. 708,737, dated September 9, 1902.

Application filed April 26, 1902. Serial No. 104,786. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES B. RHODES, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Shears for Cutting Grass; 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 improvements in shears for cutting grass, trimming lawns, and other like uses; and its object is to provide a device that may be operated by a person standing in an upright position, that will cut at a certain distance from the ground, that is simple and durable, and to provide the same with certain new and useful features hereinafter more fully described, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective of a device embodying my invention, and Fig. 2 a vertical section of the lower part of the same.

Like letters refer to like parts in both figures.

A A represent a pair of ordinary shear-blades pivoted at B and having cutting portions forward of the pivot and rearwardly-extending portions provided with slots A'. These blades are mounted upon the upwardly and forwardly extended end E' of a shoe E and secured thereto by a downward extension of the pivot B. The shoe E is adapted to slide on the ground and has an upwardly and rearwardly extended portion E'', to which portion is pivotally attached at D a pair of inclined and crossed operating-levers C C, extending upward a suitable distance and provided at their upper ends with handles C' C' to be grasped and operated by a person in a standing position and with the shoe E resting on the ground. The lower ends of these levers C C slidably engage the respective slots A' A' in the extension of the shear-blades. Attached to the rear extension E'' of the shoe is a transverse bar F, having forwardly-extended ends F', which ends serve as stops to limit the forward movement of the levers C C and

prevent their withdrawal from the slots A'. These stops also serve to aline the shoe with the shears when the levers are opened out against said stops. A stud G secures the bar F to the shoe and projects forward to act as a central stop to engage the levers C C when closed and bring the shoe in line with the levers and the blades to a central position over the shoe.

By the described construction I provide a very simple and durable device at a small cost having few parts and not liable to get out of order.

The operation of the device is obvious without further explanation.

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

1. The combination of a shoe adapted to slide on the ground, a pair of shear-blades pivotally attached to the forward end of the shoe, and a pair of operating-levers pivotally attached to the rear of the shoe and extending upward therefrom, and also connected to the rear of the shear-blades to operate the same, substantially as described.

2. The combination of a shoe having a middle portion adapted to slide on the ground, an upright forwardly-extended forward end, and an upwardly and rearwardly extended rear end, a pair of horizontal shear-blades pivoted upon the forward end of the shoe, a pair of crossed and inclined levers pivoted upon the rear end of the shoe and slidably connected to the shear-blades at their lower ends, substantially as described.

3. The combination of a shoe having a middle portion adapted to slide on the ground and upwardly and oppositely inclined ends, a pair of shear-blades arranged horizontally and pivotally attached to the end of the shoe and having slots in their rear ends, and a pair of inclined levers pivotally attached to the other end of the shoe, and provided with handles at their upper ends, and also slidably engaging the slots in the extensions of the blades at their lower ends, substantially as described.

4. The combination of a shoe having an upwardly-extended rear portion, horizontal



shear-blades pivoted to the shoe, inclined levers pivoted to the rear portion of the shoe and a transverse bar attached to the shoe and having stops at its ends to engage the  
5 levers, substantially as described.

5. The combination of a shoe having an upwardly-extended rear portion, horizontal shear-blades pivoted to the shoe, crossed levers pivoted to the rear portion and connected  
10 to the shear-blades, a transverse bar attached to the shoe and having forwardly-bent ends to engage the levers, and a middle stud to engage the levers, substantially as described.

6. The combination of a shoe having a mid-  
15 dle portion adapted to slide on the ground, an upwardly and forwardly extended front portion, and an upwardly and rearwardly ex-

tended rear portion; horizontal shear-blades pivoted on the front portion of the shoe, and having slotted rear extensions, inclined and  
20 crossed levers pivoted to the rear portion of the shoe, and having handles at their upper ends and slidably engaging the slots at their lower ends, a transverse bar on the shoe having forwardly-extended ends to engage the  
25 levers, and a central stud to engage the levers, and to secure the bar in place, substantially as described.

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

JAMES B. RHODES.

Witnesses:

PALMER A. JONES,  
FRANK J. HAIGHT.