

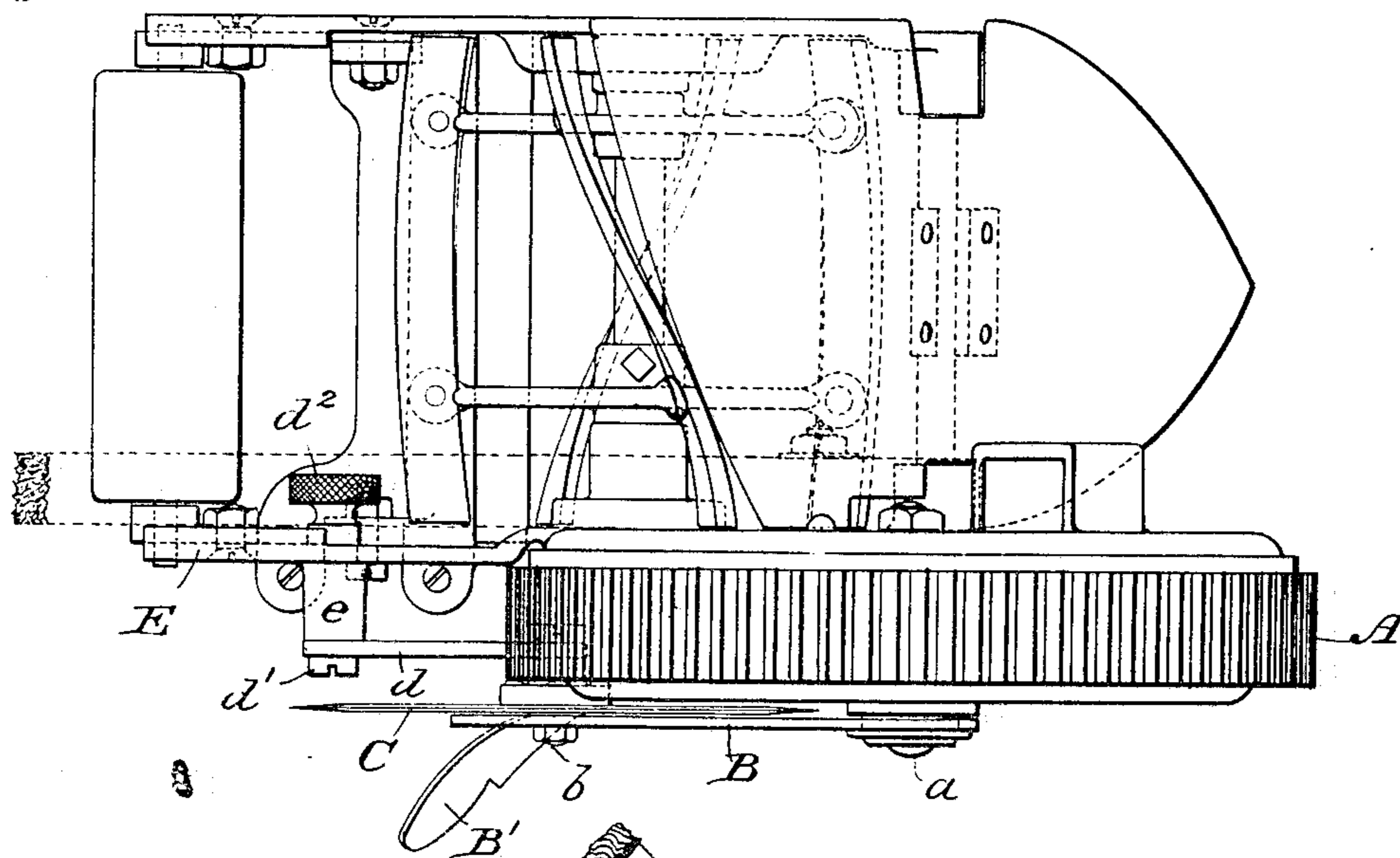
No. 819,176.

PATENTED MAY 1, 1906.

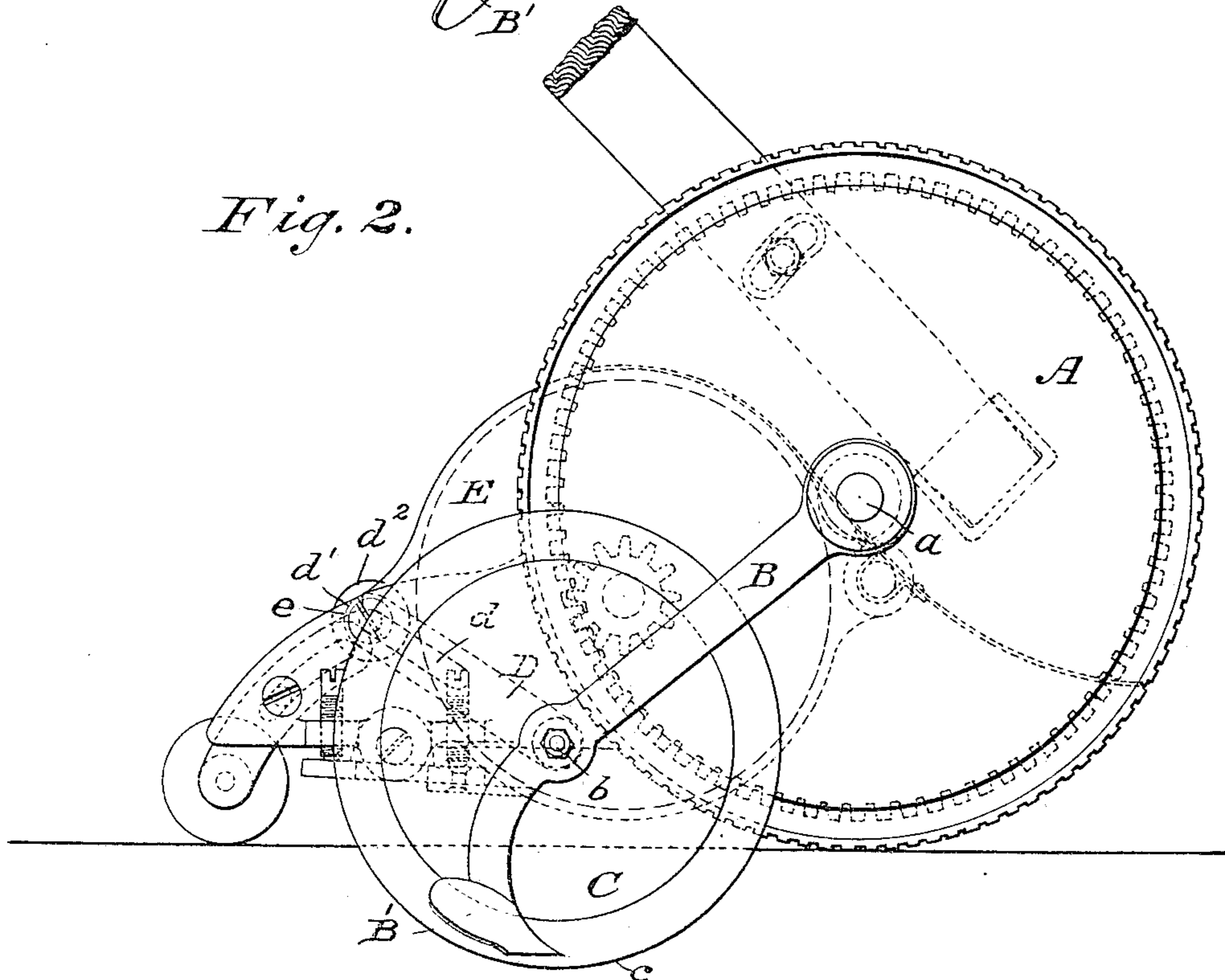
H. O. SECREST.  
LAWN TRIMMING DEVICE.  
APPLICATION FILED FEB. 1, 1905.

2 SHEETS—SHEET 1.

*Fig. 1.*



*Fig. 2.*



WITNESSES:  
E. M. Norling.  
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INVENTOR,  
Harry O. Secrest,  
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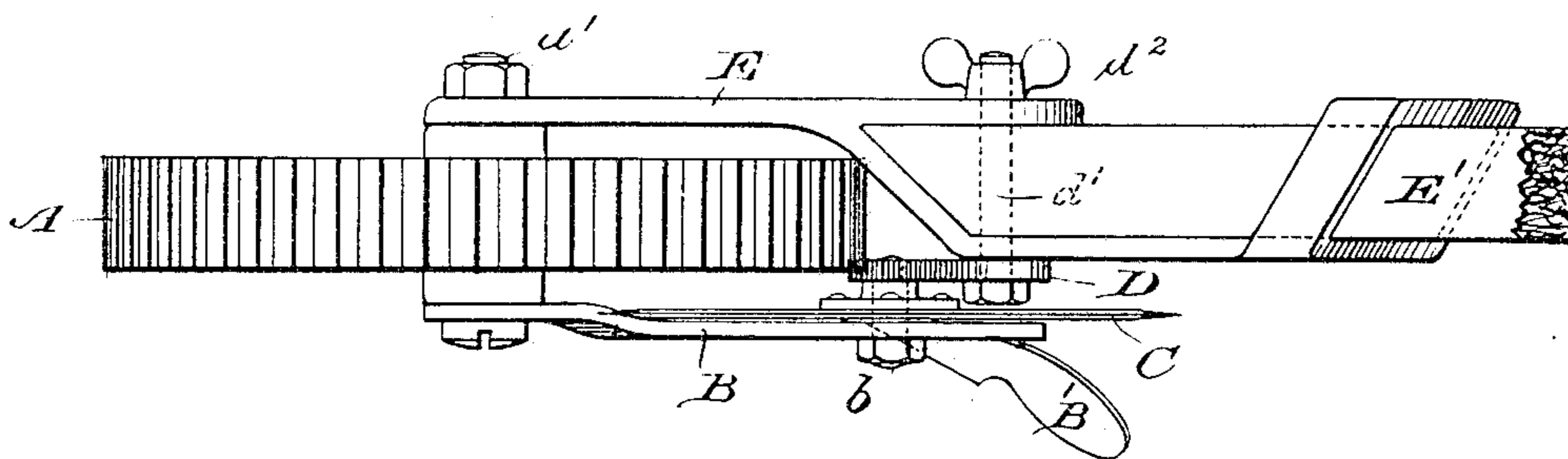
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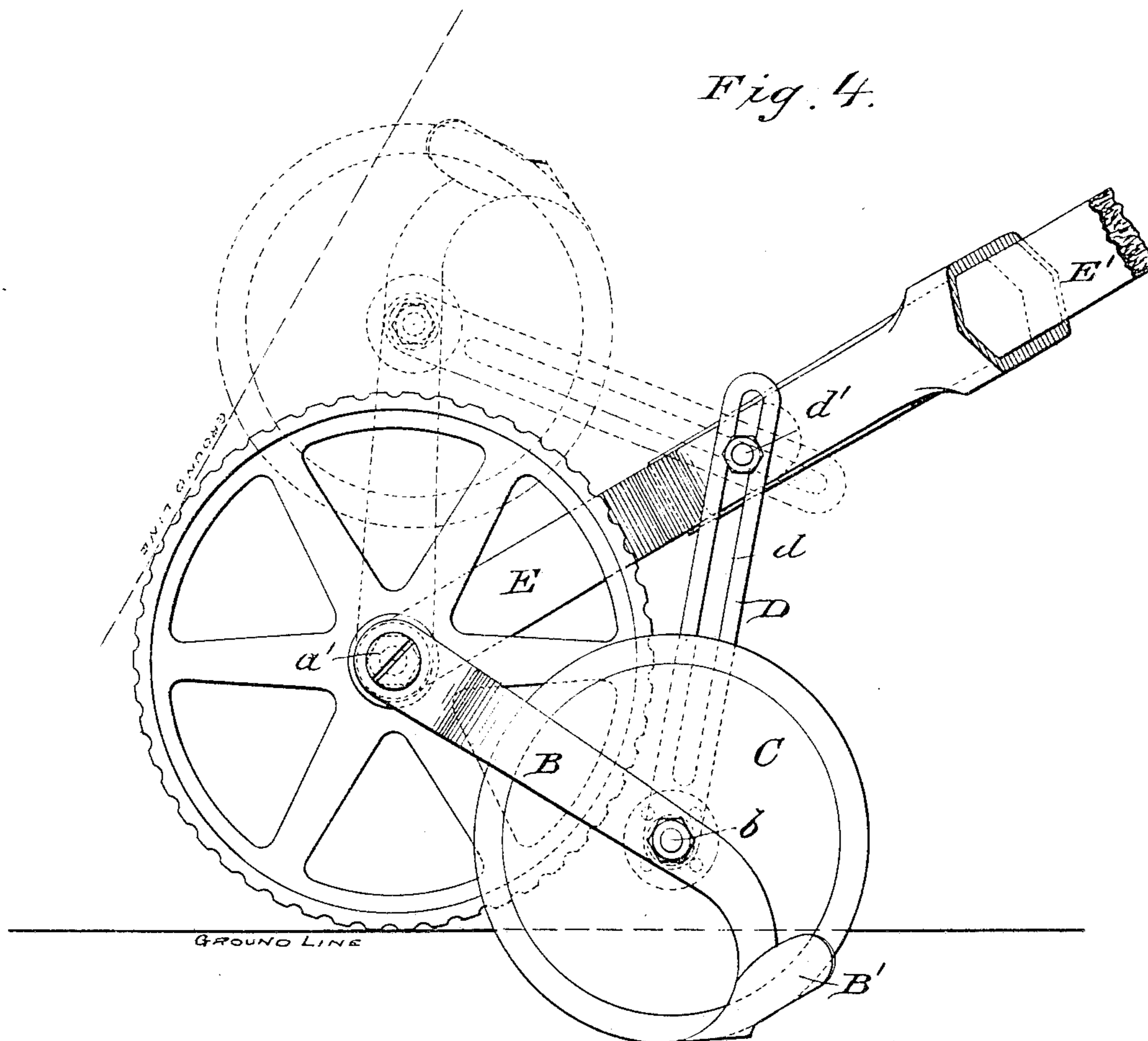
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2 SHEETS—SHEET 2.

*Fig. 3*



*Fig. 4.*



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# UNITED STATES PATENT OFFICE.

HARRY O. SECREST, OF CLEVELAND, OHIO.

## LAWN-TRIMMING DEVICE.

No. 819,176.

Specification of Letters Patent.

Patented May 1, 1906.

Application filed February 1, 1905. Serial No 243,604.

*To all whom it may concern:*

Be it known that I, HARRY O. SECREST, a citizen of the United States, and a resident of Cleveland, county of Cuyahoga, and State of Ohio, have invented a new and useful Improvement in Lawn-Trimming Devices, of which the following is a specification, the principle of the invention being herein explained and the best mode in which I have contemplated applying that principle, so as to distinguish it from other inventions.

My invention relates to devices for trimming lawns, and particularly to devices for cutting and trimming the edges thereof.

The object of said invention is to effect such edging operation in a ready and economical manner.

Said invention consists of means hereinafter fully described, and particularly set forth in the claims.

The annexed drawings and the following description set forth in detail certain means embodying the invention, such disclosed means constituting but one of various forms in which the principle of the invention may be used.

In said annexed drawings, Figure 1 represents a lawn-mower in plan, to which a device embodying my invention is applied as an attachment. Fig. 2 represents a side elevation of same. Figs. 3 and 4 represent plan and side elevational views of a device embodying said invention solely.

Like letters indicate like parts in the two machines illustrated.

Referring first to the mechanism illustrated in Figs. 1 and 2, the axle *a* of the ground or driving wheel A projects from the latter sufficiently to form a pivotal bearing for an arm B, to whose lower or free end is fixed a small plow B', which is adapted to throw earth laterally away from the machine. Intermediately of the extremities and upon the inner side of said arm is rotatably mounted a cutter-disk C of a diameter such as to bring its cutting edge *c* in proximity to the plow B', as shown in Fig. 1. Upon the inner end of the pivotal pin *b*, supporting the disk, is pivotally mounted an adjusting-arm D, whose outer end is formed with a slot *d*. A clamping machine-screw *d'* is seated in a hollow boss *e*, forming an integral part of the frame E of the machine and projects through the slot *d*, Fig. 1. The in-

ner end of the said screw is engaged by a thumb-nut *d''*, by means of which, it will be seen, the arm D may be clamped securely in various positions relatively to the frame E, as will be readily understood. It will therefore be seen that the disk C may be elevated and lowered and, if desired, may be raised above the surface of the ground and then secured, so as not to exercise its function. When in use, the arm B is lowered to the desired point and the mower run along a proper distance from the lawn's edge. The disk cuts the edge portion of the lawn and the plow separates such cut portion and throws it laterally, thereby facilitating its later removal.

In the form of device shown in Figs. 3 and 4 the ground-wheel A is rotatably mounted in the frame E, to which is attached the handle E'. Upon the pivotal pin *a'* is pivotally mounted the arm B, having the plow B' secured to its lower end and the rotatable cutting-disk C. The adjusting-arm D is pivotally mounted as in the previously-described device and is secured to the frame E by means of the screw *d'* and thumb-nut *d''*, as before. In this form of machine the disk may be thrown over and secured as shown in dotted lines in Fig. 4, the device reversed, and the disk used, when desired, as a cutter without bringing into operation the plow B'.

Other modes of applying the principle of my invention may be employed instead of the one explained, change being made as regards the mechanism herein disclosed, provided the means stated by any one of the following claims or the equivalent of such stated means be employed.

I therefore particularly point out and distinctly claim as my invention—

1. In a lawn-edging device, the combination of a suitable frame, an arm mounted thereon, a rotatable cutter mounted upon said arm, and a plow mounted upon the latter near the cutting edge of said cutter.

2. In a lawn-edging device, the combination of a suitable frame, an adjustable arm mounted thereon, a rotatable cutter mounted upon said arm, and a plow mounted upon the latter near the cutting edge of said cutter.

3. In a lawn-edging device, the combination of a suitable frame, a ground-wheel mounted thereon, an arm pivotally mounted and having its pivotal axis in the line of axis of said wheel, means for fixing said arm in

various angular positions relatively to said frame, a rotatable cutting-disk mounted upon said arm, and a plow mounted upon the latter and in proximity to the cutting edge of  
5 said disk.

4. In a lawn-edging device, the combination of a suitable frame, a ground-wheel mounted thereon, an arm pivotally mounted and having its pivotal axis in the line of axis  
10 of said wheel, a rotatable cutting-disk mounted upon said arm, and an adjusting-arm piv-

oted upon said first-named arm and having its pivotal axis in the line of axis of said disk, and means for securing said adjusting-arm to said frame at points varying relatively to  
15 each other.

Signed by me this 25th day of January, 1905.

HARRY O. SECREST.

Attest:

E. M. NORLING,  
A. E. MERKEL.