

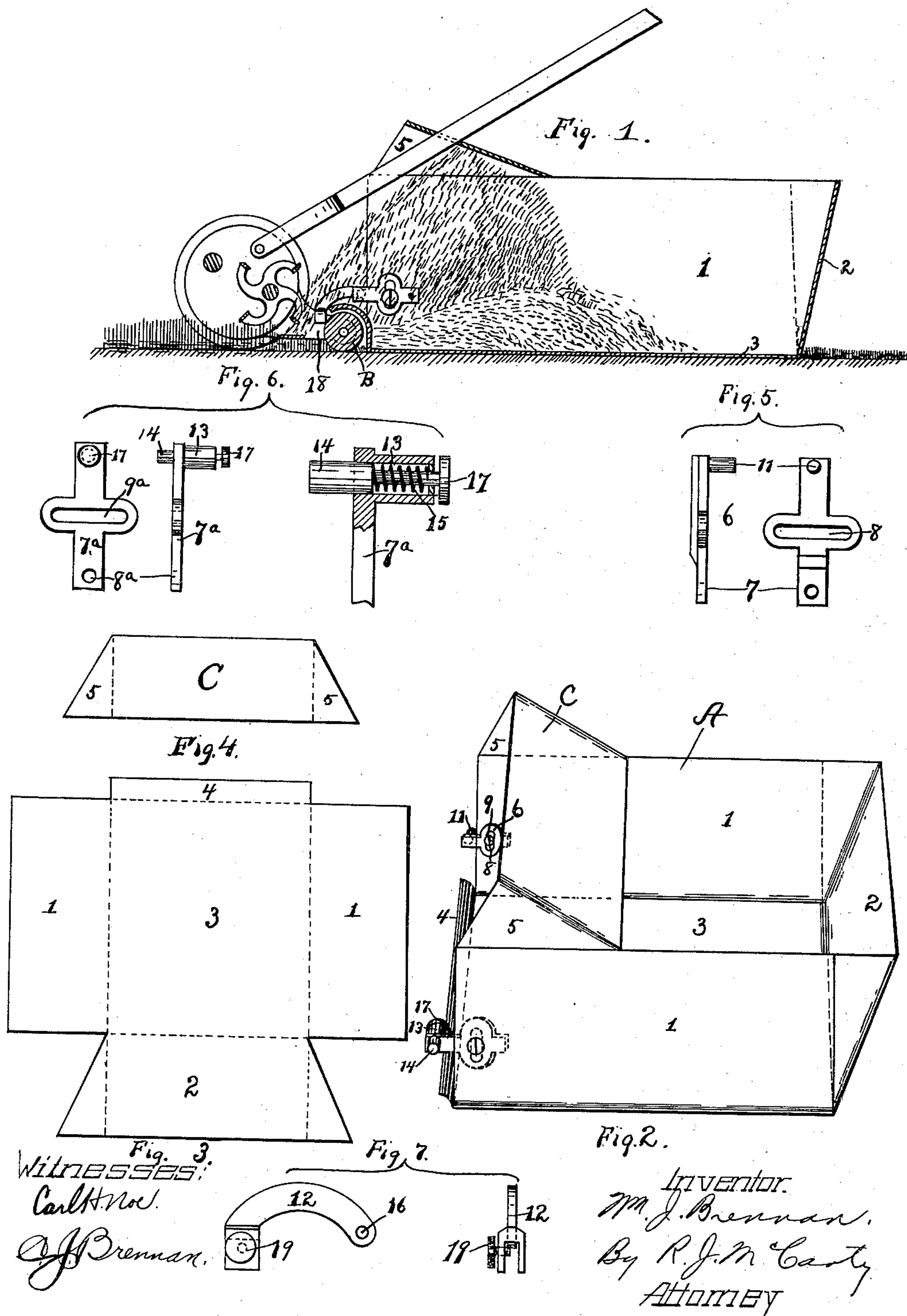
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Patented Dec. 19, 1899.

W. J. BRENNAN.
GRASS CATCHER FOR LAWN MOWERS.

(Application filed July 21, 1899.)

(No Model.)



UNITED STATES PATENT OFFICE.

WILLIAM J. BRENNAN, OF DAYTON, OHIO.

GRASS-CATCHER FOR LAWN-MOWERS.

SPECIFICATION forming part of Letters Patent No. 639,346, dated December 19, 1899.

Application filed July 21, 1899. Serial No. 724,688. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. BRENNAN, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Grass-Catchers for Lawn-Mowers; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in grass-catchers for lawn-mowers, and possesses the novel and advantageous features herein-after specified and claimed.

In the accompanying drawings, Figure 1 is a side sectional elevation of a lawn-mower having my improved grass-catcher attached. Fig. 2 is a perspective view of the grass-catcher detached. Fig. 3 is a plan view of the blank from which the body of the catcher is formed. Fig. 4 is a similar view of the blank from which the top or grass-guide is formed; Fig. 5, views of the bracket with the rigid pin; Fig. 6, views of the bracket with the movable pin or dog; Fig. 7, views of brackets or arms attachable to the side plates of the mower.

Similar reference characters indicate corresponding parts in the several views of the drawings.

The blank from which the body of the catcher A is formed is shown in Fig. 3 as stamped out of sheet metal—such, for example, as galvanized iron. The parts 1 1 form the sides, part 2 the slanting back, part 3 the bottom, and part 4 the curved shield, which extends over the upper side of the ground-roller B. The blank shown in Fig. 4 forms the top or grass-guide C, which slants, as shown, and provides efficient means for preventing the grass from being thrown over the catcher. The ends 5 5 of said blank are bent at right angles and attached to the sides in the position shown. The sheet metal, stamped and formed in the manner above described, makes a light and substantial receptacle for the grass. The parts of the body where the bends in the metal occur are round-

ed, so as to not offer any obstruction to a free movement of the receptacle as the mower is driven over the ground.

6 designates a side bracket, the end 7 of which is pivoted to one side of the catcher. This bracket has an oblong opening 8, through which a set-screw 9 passes after penetrating the side of the catcher, and thereby the said bracket may be adjusted upon its pivot 11 whenever necessary to effect a proper attachment with the mower. 11 designates a pin projected from the outer end of said bracket and designed to effect such attachment on one side with the bracket-arm 12, which is attached to the mower-plates. Referring to the bracket 7^a on the other side of the catcher, this also has a pivotal connection to the catcher at 8^a and has an oblong opening 9^a for the purposes of adjustment. The other end of said bracket has a hollow extension 13, through which a dog 14 passes, said dog being normally thrown out by a coil-spring 15, surrounding the shank of said dog. The pin 11 and dog 13 perform the same function—to wit, that of securing the catcher to the mower. These devices connect with the bracket-arms 12, which are attached to the side plates 18 of the mower. The parts—namely, the dog 13 and pin 11—enter holes 16 in said bracket-arms. Attachment and detachment are enabled by having one of these parts movable—to wit, the dog 13. By pressing said dog by means of the finger-piece 17 it is removed from the hole 16 on that side, and the catcher is thus permitted to be removed. The angular arms or brackets 12 have bifurcated ends, which fit over each of the side plates 18 of the mower and are made secure thereto by a thumb-screw 19. These arms 12 are permanent fixtures when placed on the mower. Their form may of course be varied where the shape or construction of the mower-plates renders it necessary. The catcher is attached at no other point or points. Therefore it is allowed to rest upon the ground when the mower is in operation. Owing to its lightness and its secure attachment, as above described, the said catcher moves freely with the mower without the least obstruction.

Having fully described my invention, I claim—

A grass-catcher for lawn-mowers, compris-

ing a receptacle A having a guide C which is
solely and permanently attached to the front
end of the receptacle A so that the parts A
and C become essentially inseparable, brack-
5 ets attached to the sides of said receptacle,
the said brackets having adjusting-slots to
enable their attachment with the receptacle
to be varied, the bracket on one side having
a rigid pin 11 adapted to enter an opening
10 in a side plate of the mover, and the bracket
on the other side having an inwardly-extend-
ing hollow extension 13, and a spring-con-
trolled dog 14 mounted in said hollow exten-
sion and adapted to enter an opening in the

other side plate of the mower, the said dog 15
being projected through the inner end of the
hollow extension and terminated in a finger-
piece 17 by means of which said dog may be
withdrawn from engagement with the side
plate of the mower in detaching the recep- 20
tacle.

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

WILLIAM J. BRENNAN.

Witnesses:

R. J. McCARTY,

JOHN W. KALBFUS.