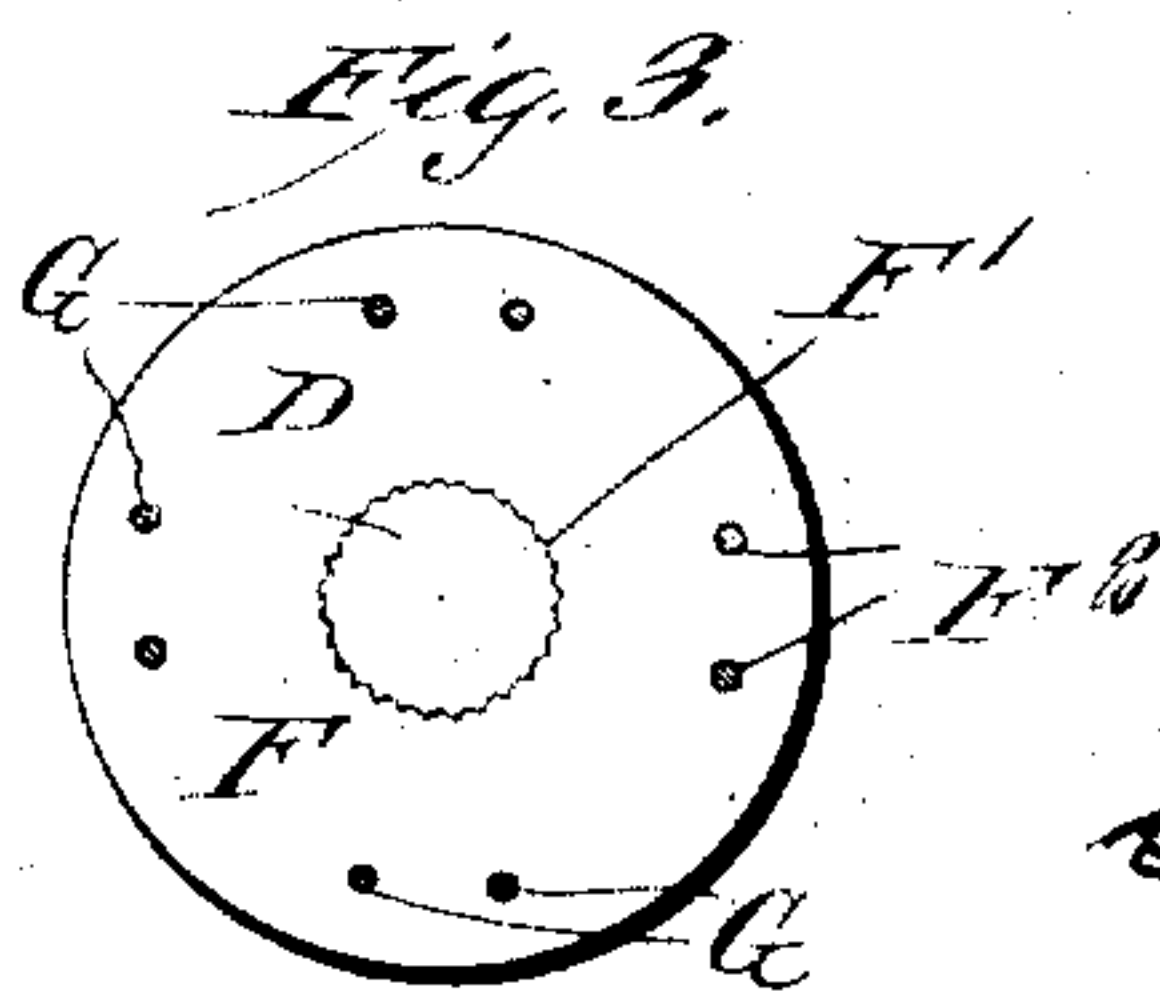
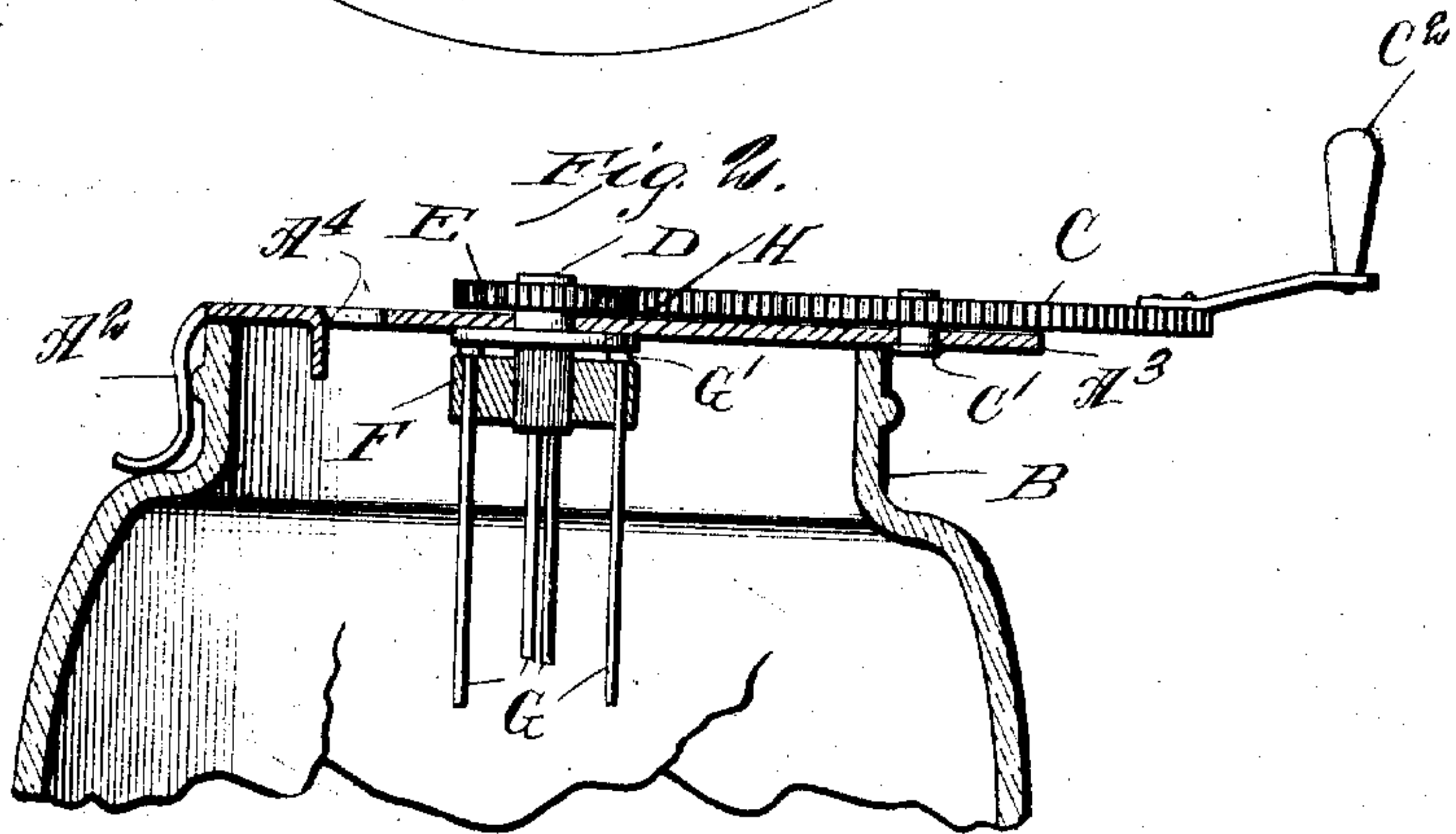
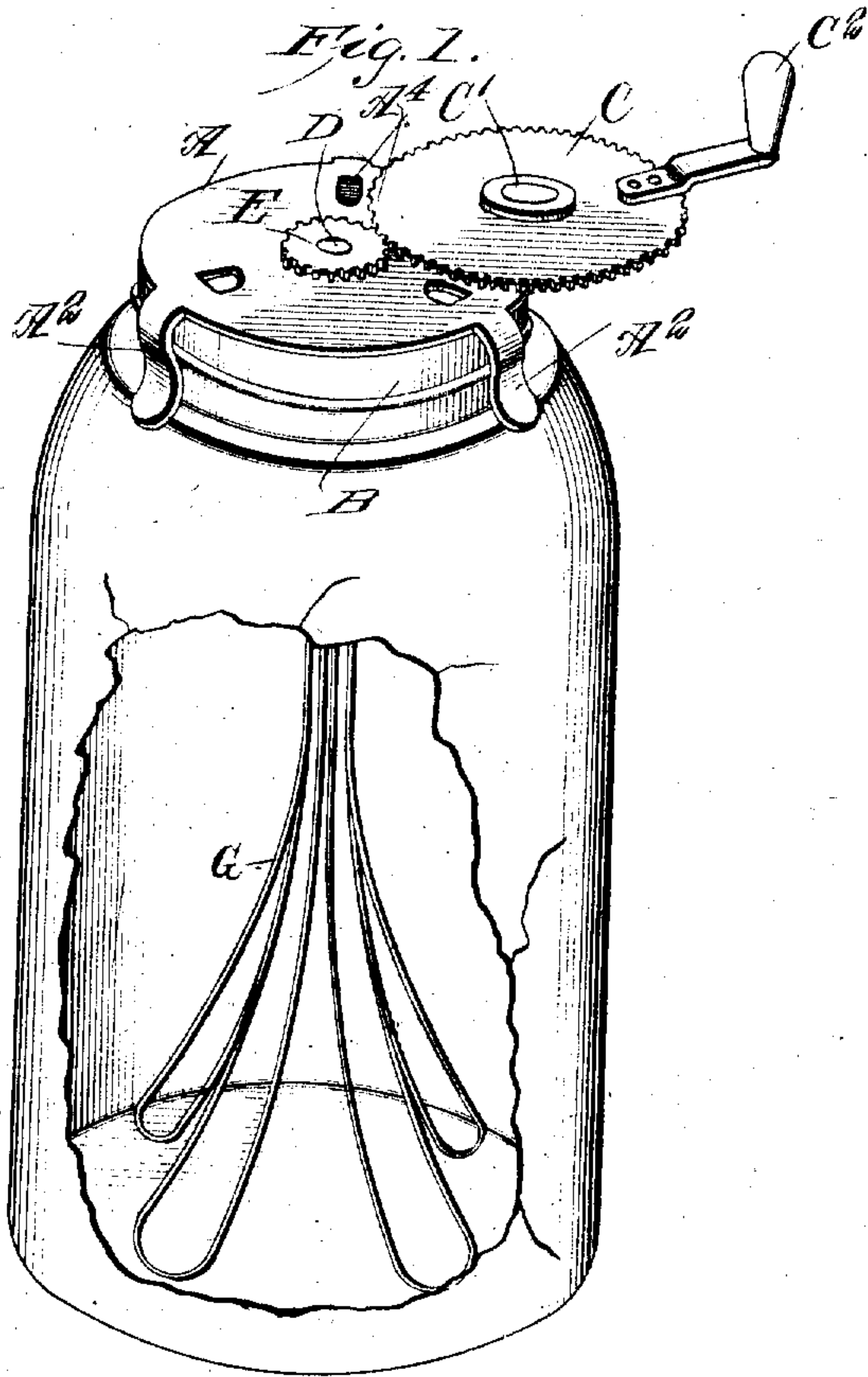


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G. H. SNYDER.
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APPLICATION FILED AUG. 5, 1908.

Patented Nov. 10, 1908.
2 SHEETS—SHEET 1.



Witnesses
E. M. Callaghan
H. M. Conway

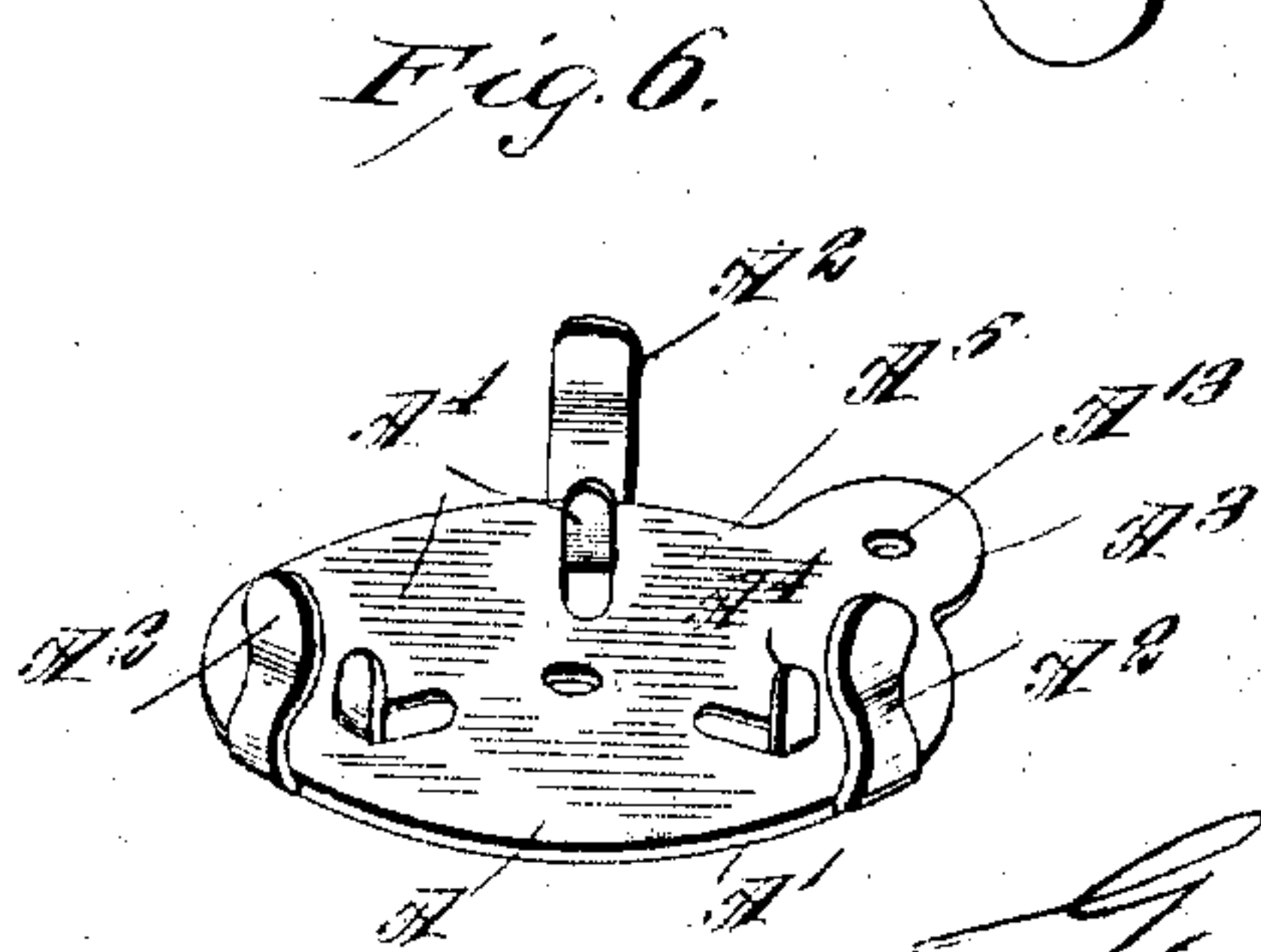
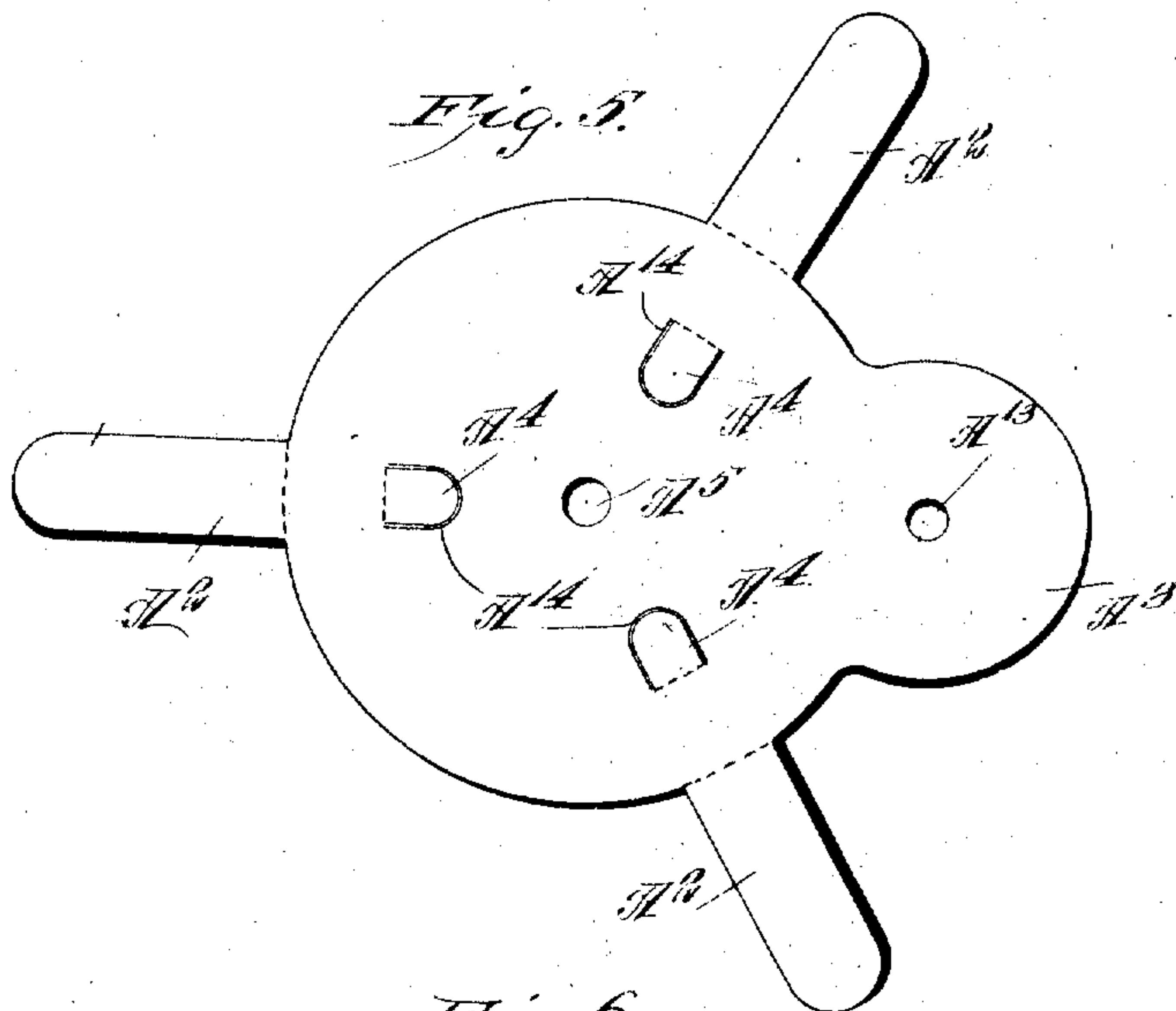
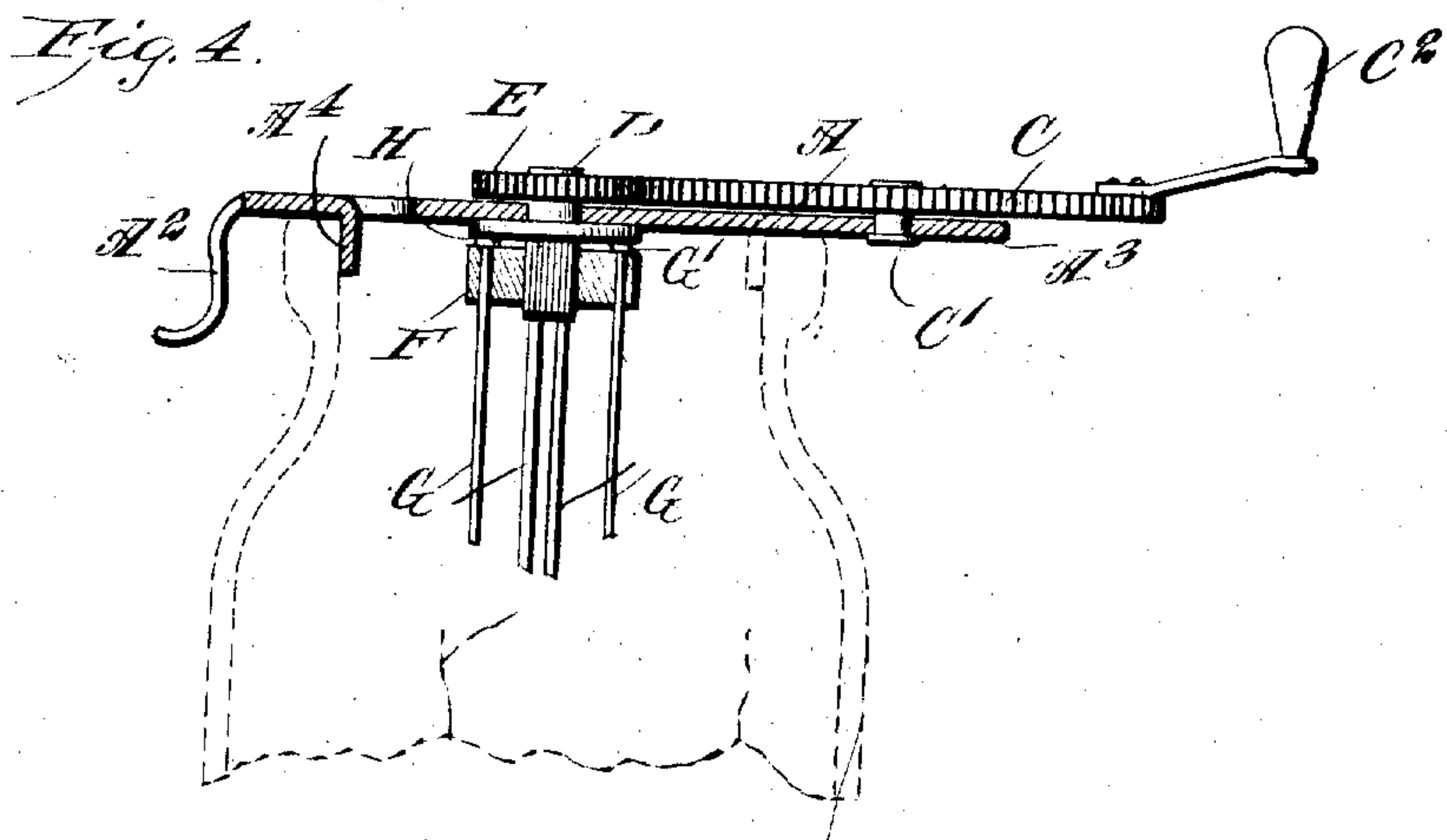
Inventor

George H. Snyder

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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

GEORGE HENRY SNYDER, OF KENSINGTON, MARYLAND, ASSIGNOR OF ONE-FIFTH TO WILLIAM M. HANNAY AND ONE-FIFTH TO LAURA J. SNYDER, OF WASHINGTON, DISTRICT OF COLUMBIA.

EGG-BEATER AND CREAM-WHIPPER.

No. 903,515.

Specification of Letters Patent.

Patented Nov. 10, 1908.

Application filed August 5, 1908. Serial No. 447,062.

To all whom it may concern:

Be it known that I, GEORGE H. SNYDER, a citizen of the United States, and a resident of Kensington, in the county of Montgomery and State of Maryland, have invented certain new and useful Improvements in Egg-Beaters and Cream-Whippers, of which the following is a specification.

This invention is an improved egg beater and cream whipper adapted for application either to jar necks or bottle necks in order that it may be conveniently operated to whip milk or cream within the jar or bottle in which the same is supplied by the dairyman, and said jars or bottles may be used for the beating of eggs; and the invention consists in certain novel constructions, and combinations of parts as will be hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of the invention applied to a jar, a portion of the latter being broken away. Fig. 2 is a vertical longitudinal section of the attachment applied to a jar. Fig. 3 is a detail plan view of a carrier disk. Fig. 4 is a sectional view of the attachment applied to a bottle neck, the latter being indicated in dotted lines. Fig. 5 is a top plan view of a blank for the main plate, and Fig. 6 is an inverted perspective view of the main plate.

In the illustrated embodiment of the invention I provide a main plate A, having a generally circular form or outline at A', provided with an outer circular series of depending lugs A² to engage the outside of the jar neck B, as shown in Figs. 1 and 2, having a laterally extending wing A³ beyond the generally circular outline A' of the plate and forming a support for the drive gear C presently described, and also provides for an inner circular series of depending lugs A⁴ surrounding a central opening A⁵, and concentric with the outer circular series of lugs A², as will be understood from Figs. 5 and 6 of the drawings. In constructing this main plate, I form a blank as shown in Fig. 5, in which the several slits A², A³ and A⁴ are formed in a common plane, and the lugs A² and A⁴ are bent from the said common plane in the disposition and form shown in Fig. 6. In Fig. 5 the body of the plate is cut or slitted at A¹⁴ to separate the portions which are subsequently bent to form the lugs A², as shown in Fig. 6.

The lateral wing A³ has an opening A¹³ in which the shaft C' of the wheel C fits, and the said wheel may be provided with a handle C² to facilitate its operation. This particular construction is important as it provides for supporting the wheel C entirely outside of the vessel, whether the same be a jar as shown in Figs. 1 and 2, or a bottle as shown in Fig. 4.

When the attachment is applied as shown in Figs. 1 and 2, the lugs A² not only operate to engage the neck of the vessel, but also forms handholes to be clasped in securing the attachment to the vessel, the lugs being curved as shown to afford a better hold by the operator. The main plate has the opening A⁵ which receives the drift rivet D, the latter journaling midway between its ends to the main plate, and being corrugated to receive at its upper end the pinion E meshed with the drive wheel C, and at its lower end the carrier F, which is perforated at F' to fit on the drift rivet, and at F² to receive the wires G of the dasher, the said wires extending upwardly through the disk F and being headed at their upper ends at G' past the said disk in order to secure them in position, a washer H bearing between the headed upper ends of the wires G as shown in Figs. 2 and 4 of the drawings.

This is a simple, economical way of construction and assembling the parts, and provides a practical and efficiently operating construction for the desired purpose.

The construction can be made at a small expense and can be shipped and sold either set up ready for use or knocked down and be assembled for use by the purchaser.

I claim—

1. A beating and whipping attachment consisting of a main plate having a central bearing, an outer circular series of depending lugs to engage outside a jar neck, an inner circular series of depending lugs to engage within a bottle neck, a shaft in the central bearing of the main plate, a pinion on said shaft above the main plate, a washer on the shaft below the main plate, a carrier disk on the shaft below the washer, the dasher being extended through said carrier disk and headed between the same and the washer, and the drive gear journaled to the main plate and meshed with the pinion, substantially as set forth.

2. A beating and whipping attachment

comprising a main plate having inner and outer circular series of depending lugs to engage without a jar neck and within a bottle neck, and an agitating and operating device 5 carried by said plate, substantially as set forth.

3. A beating and whipping attachment comprising a main plate having a circular series of depending lugs to engage a jar neck 10 and curving outwardly toward their lower ends to adapt them to be grasped manually for securing the plate upon a jar neck, and agitating devices carried by the plate, substantially as set forth.

15 4. A beating and whipping attachment comprising a main plate adapted to fit on a vessel and having tongues separated at the sides from said plate and bent out of the plane thereof forming lugs to engage within a 20 vessel neck, and ventilating openings, and dasher devices carried by said plate, substantially as set forth.

5. A beating and whipping attachment

comprising a plate having a lateral wing for supporting a drive gear, a circular series of 25 lugs at its edge, and a circular series of incisions at a point in from its edge.

6. A blank for beating and whipping attachment plates having lugs laterally beyond the edge of the plate, and a circular series of tongues within the plate and concentric with the lugs. 30

7. A beating and whipping attachment comprising a main plate having means for engagement with a jar neck, and a lateral extension, a wing forming a support for a drive 35 gear, a drive gear journaled on said wing whereby its journal may be outside a jar neck, a shaft journaled in the plate and having dasher devices, and a pinion on said 40 shaft and meshed with the drive gear.

GEORGE HENRY SNYDER.

Witnesses:

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JESSE MIDDLETON.