R. C. LEE.

MOTHER GOOSE MOVIE TOY.

APPLICATION FILED APR. 24, 1918.

1,284,116.

Patented Nov. 5, 1918.

2 SHEETS—SHEET 1.

Fig. 1.

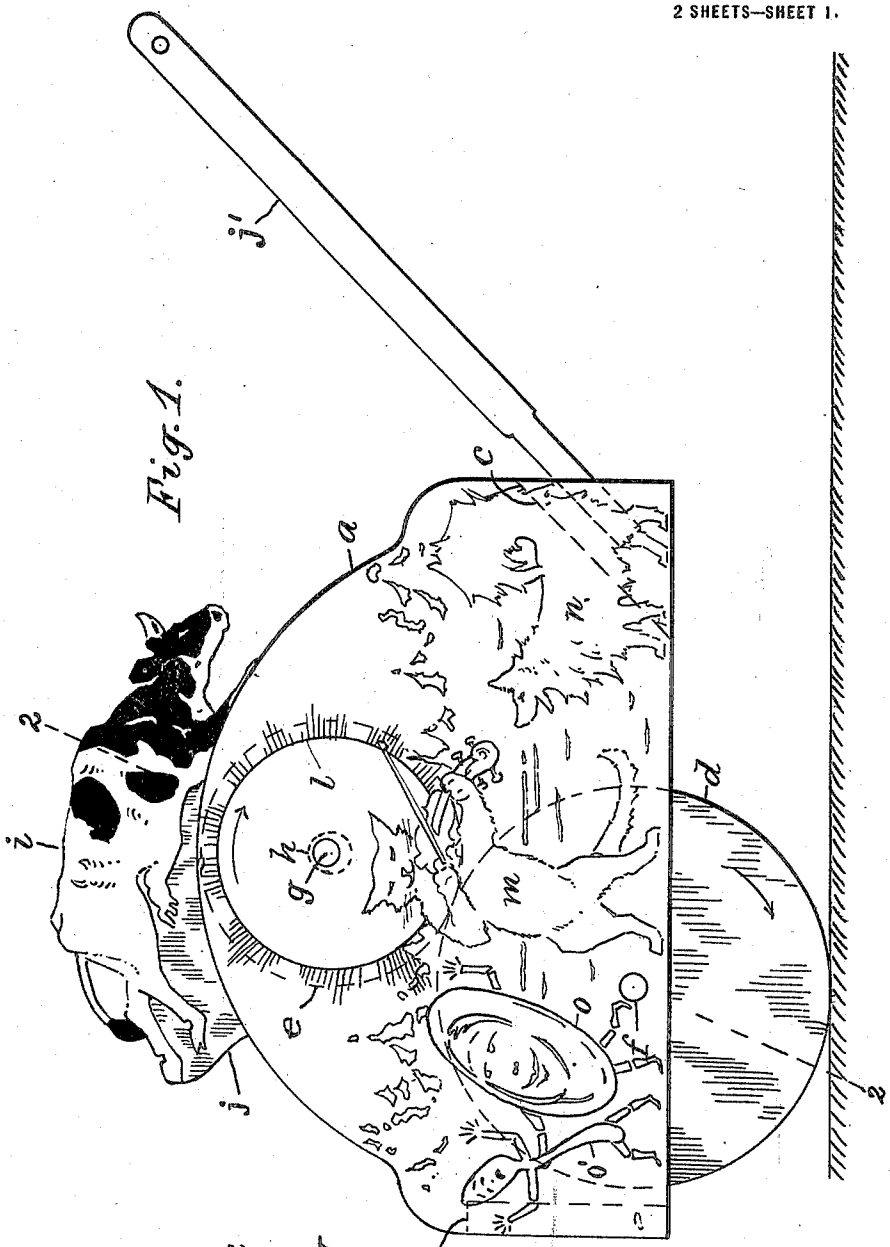
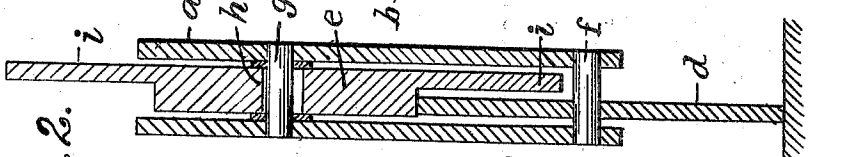


Fig. 2.



Inventor. Ronald C. Lee per Thos. J. Crane, Atty

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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2 SHEETS—SHEET 2.

Fig. 3.

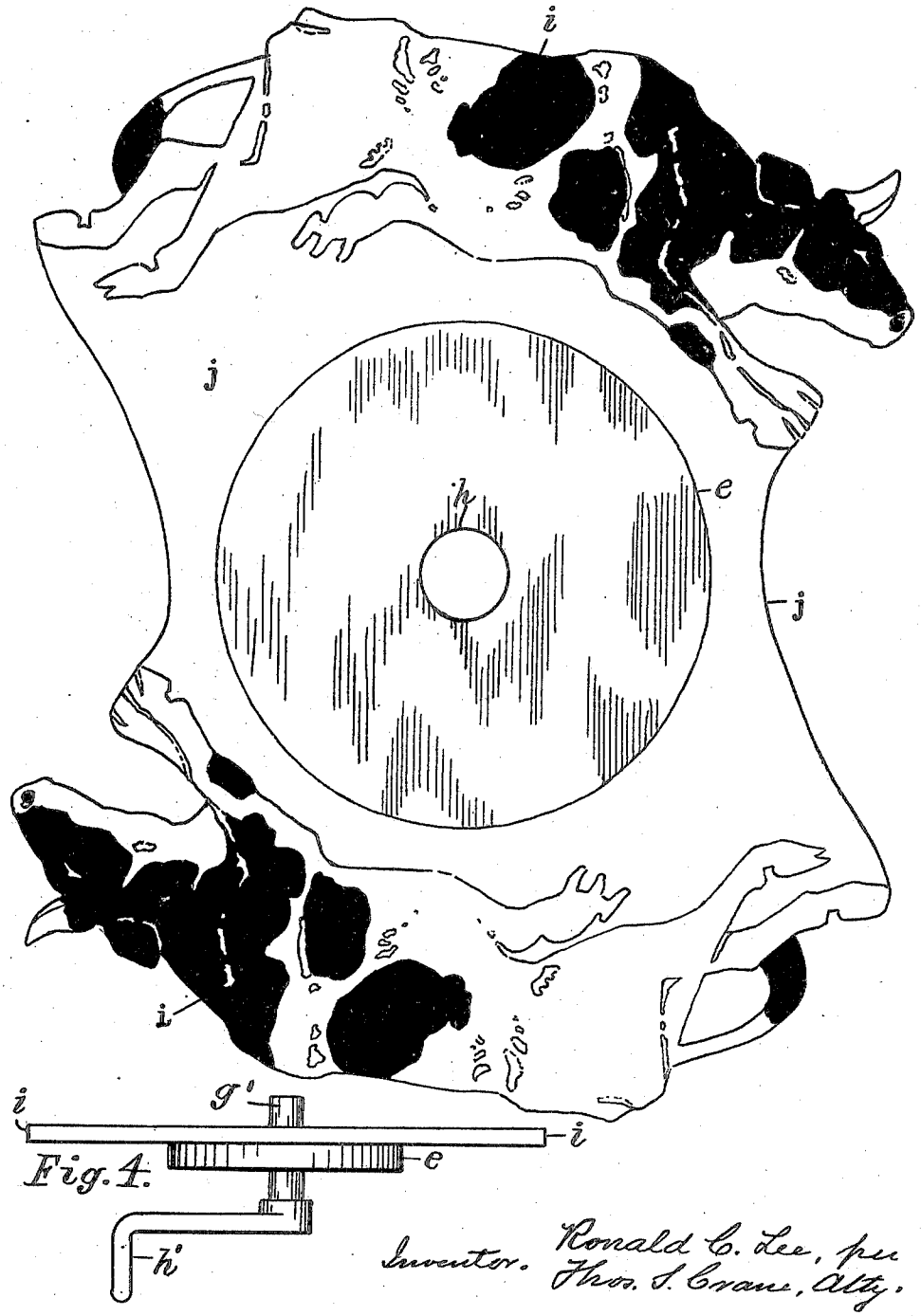


Fig. 4.

Inventor. Ronald C. Lee, per Thos. J. Crane, Atty.

THE GOVT PRINTING OFFICE, PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

RONALD C. LEE, OF NEW YORK, N. Y.

MOTHER GOOSE MOVIE TOY.

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To all whom it may concern:

Be it known that I, RONALD C. LEE, a citizen of the United States, residing at 2 Gramercy Park, New York, county of New York, and State of New York, have invented certain new and useful Improvements in Mother Goose Movie Toys, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention consists of a toy in which a carrier is rotated between the walls of a casing, the carrier having upon its periphery figures which move into and out of the casing as the carrier is rotated. The casing may be held in the hand and the carrier rotated by a hand-crank, or it may be provided with a wheel to roll upon the floor and such wheel connected to the carrier to rotate it.

The construction permits a design to be exhibited upon the outer side of the casing, which has an association or correlation to the figures which are moved by the carrier.

The object and operation of the toy will be understood by reference to the annexed drawing, in which Figure 1 is a side elevation of the toy with its handle attached; Fig. 2 is a section of the same on line 2—2 in Fig. 1. Fig. 3 is a side-view of the carrier and the figures connected with it detached from the casing; and Fig. 4 shows a carrier with hand-crank.

The casing is formed with flat side-walls *a* spaced apart by blocks *b* and *c* sufficiently to admit the driving-wheel *d* and the driven wheel *e* between the walls, with the figures carried thereby. The driving-wheel is sustained in the casing by a pivot *f*, with its lower edge projecting below the casing to rest upon the ground and floor. The driven wheel is held in place by a pivot *g*, and the hole *h* through the driven wheel is made larger than the pivot so that this wheel may rest freely upon the driving-wheel *d* and be propelled by frictional contact therewith.

Two figures of a cow *i* are attached to the carrier *j* and the upper edge of the casing is eccentric to the carrier and the path of the figures, so that they are alternately carried between the sides of the casing and outside of the same at the top where they are most readily seen.

The flat sides of the casing furnish a considerable space for ornamentation or design, and with such a construction the design upon the casing may be correlated to the figures moving into and out of the casing, Fig. 1 of the drawing showing a representation of the moon *l* upon the casing and a cow upon the carrier which appears to be jumping over the moon.

Such appearance is produced by the rotation of the carrier, which has one or more figures of a cow attached thereto at such a distance from the pivot that they alternately move out of sight between the walls of the casing, or appear in a rotary movement above the moon.

The Mother Goose rhyme referring to the cow jumping over the moon refers also to other objects, as "Hey diddle diddle the cat and the fiddle, the cow jumped over the moon, the little dog laughed to see such sport, and the dish ran away with the spoon."

To embody the entire sentiment of this nursery rhyme, the casing is provided, in addition to the figure of the moon, with the figure of a cat *m* playing a fiddle, also a little dog *n*, and a dish *o* and spoon *o'* furnished with limbs to run away.

The form of this toy was especially selected to exhibit a moving object correlated to a design upon the casing, and the flat casing was employed for that reason, upon which objects can be painted or fastened which have an association with the object moved by the carrier.

Many of the Mother Goose rhymes furnish correlated subjects which are always associated in the minds of children who have learned the rhymes.

The present invention furnishes a means of representing many such associated objects in a moving relation to one another, and it is therefore immaterial to the invention what design be placed upon the casing, or what figures be attached to the carrier, if correlated.

It is also immaterial what connection be formed between the driving-wheel and the driven wheel to rotate the latter; and a cord or pulleys would therefore serve the same purpose as the frictional connection of the carrier and driving-wheel shown in the drawing.

If such cord and pulleys were used to transmit the rotary motion, the carrier would not require a loose fit upon its pivot,

which is shown in the drawing to throw the weight of the carrier and its attached figures upon the rim of the driving-wheel.

Cog-wheels may also be used to transmit the motion of the driving-wheel to the carrier.

It is essential in this invention that the casing be so shaped and proportioned that the objects attached to the carrier are covered by the casing during a great part of the carrier's rotation. This is effected with the casing shown in the drawing, by making the upper edge of the casing extend beyond the pivot of the carrier and having a curved edge of much greater radius than that of the carrier so that the objects upon the carrier are wholly outside of the casing only at the top of the same. This construction produces an appearance and disappearance of the objects which constitute the chief interest of the toy.

The same effect would be produced by making the top of the carrier nearly or entirely straight, but such form would not present so graceful an appearance as the curved top shown in the drawing. Such apperance and disappearance of the objects can also be produced by applying a hand-crank to directly rotate the carrier and thus dispense with the driving-wheel. In such case, the casing is merely held in the hand and the carrier rotated by a crank h' attached to a shaft g' secured in the center of the carrier, as shown in Fig. 4.

The toy is shown in Fig. 1 with a handle j' by which a child can draw the toy along the floor, but the flat sided casing, adapted to receive a design correlated with the moving figures upon the carrier, may be provided with additional wheels at the front if desired.

Having thus set forth the nature of the invention what is claimed herein is:

1. In a toy, the combination, with a casing having side-walls and a driving-wheel rotatable between the walls and proportioned to rest upon the ground, of a rotatable carrier pivoted between the walls and driven by connection to the driving-wheel, and a figure attached rigidly to the periphery of the carrier and moved into and out of the casing by the rotation of the carrier, for the purpose set forth.

2. In a toy, the combination, with a casing having side-walls with intervening space, of a driving wheel pivoted in such space to rest upon the ground, a driven wheel pivoted in such space and resting upon the driving-wheel, and one or more figures carried by such driven wheel and rotated thereby into and out of the casing for the purpose set forth.

3. In a toy, the combination, with a casing having side-walls with intervening space, of a driving-wheel pivoted in such space to rest upon the ground, a pivot extended across the casing above the driving-wheel, a carrier consisting of a driven wheel fitted to the pivot and having a center-hole larger than the said pivot, permitting it to rest freely upon the driving-wheel, and figures rotated by the carrier into and out of the casing for the purpose set forth.

4. In a toy, the combination, with a casing having flat side-walls, of a carrier pivoted to rotate between the walls, a driving-wheel proportioned to rest upon the ground and rotatable between the walls and connected to the carrier, and a plurality of figures attached rigidly to the periphery of the carrier and moved into and out of the casing by the rotation of the carrier.

5. In a toy, the combination, with a casing having side-walls with blocks secured between their opposite ends to maintain an intervening space, of a driving-wheel rotatable between the walls to rest upon the ground, a driven wheel pivoted in such space to rest upon the driving-wheel, and one or more figures carried by such driven wheel and rotated thereby into and out of the casing, the casing and moving figures having a combined design based upon a Mother Goose rhyme, and the casing having a handle for drawing it upon the ground.

In testimony whereof I have hereunto set my hand.

RONALD C. LEE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."