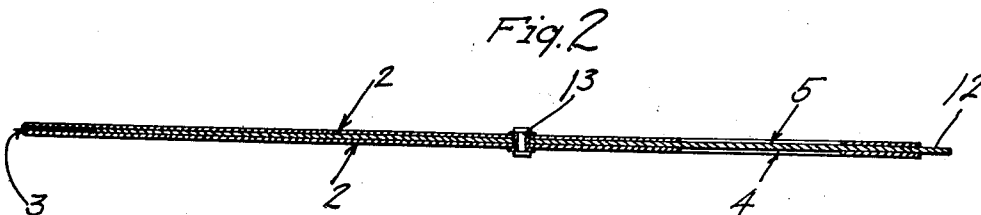
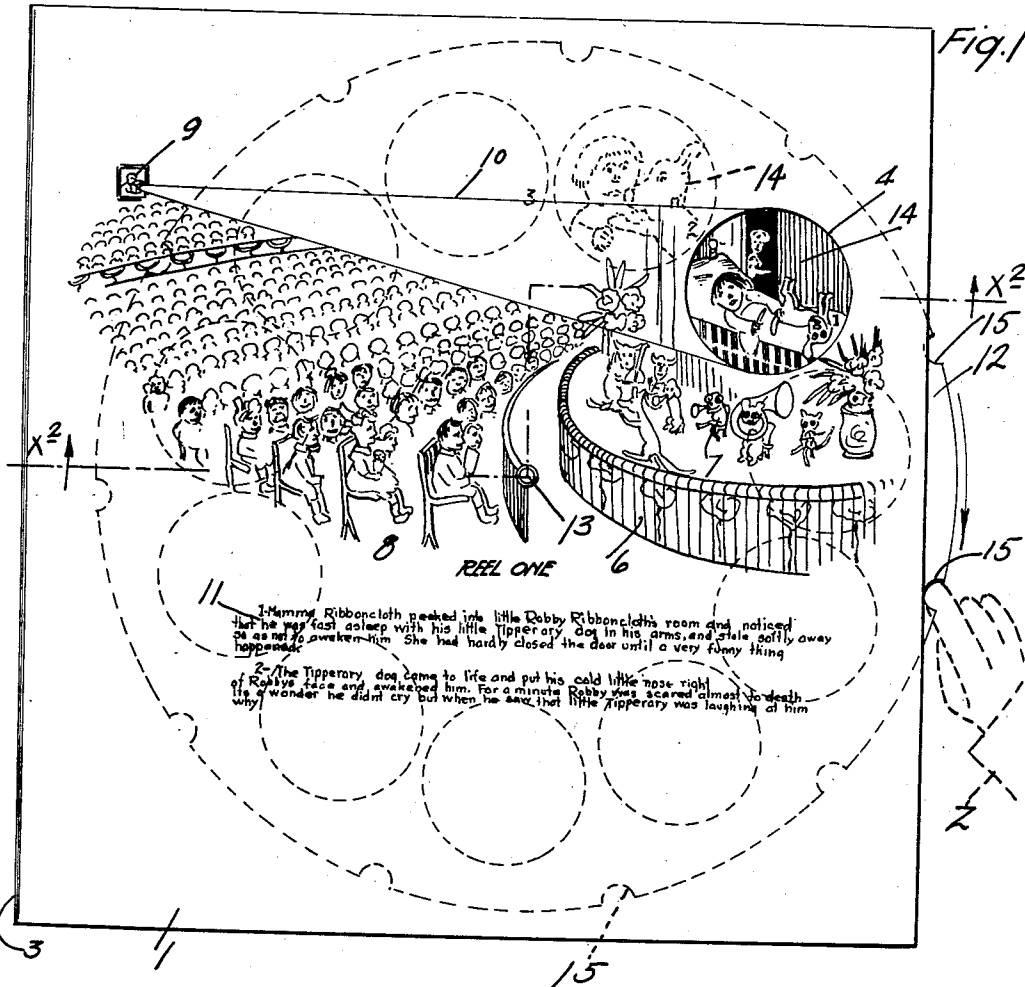


W. C. ROBERTSON.
MOVING PICTURE BOOK.
APPLICATION FILED JULY 19, 1915.

1,177,652.

Patented Apr. 4, 1916.



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MOVING-PICTURE BOOK.

1,177,652.

Specification of Letters Patent.

Patented Apr. 4, 1916.

Application filed July 19, 1915. Serial No. 40,630.

To all whom it may concern:

Be it known that I, WILLIAM C. ROBERTSON, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Moving-Picture Books; 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 has for its object to provide a moving picture book; and, to this end, it consists of the novel devices and combinations of devices hereinafter described and defined in the claims.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings: Figure 1 is an elevation of the front cover or leaf of the moving picture book; and Fig. 2 is a transverse section taken on the line $x^2 x^2$ on Fig. 1.

The book illustrated comprises two leaves or cover plates 1 and 2 connected at their left hand edges by a hinge joint 3. Coincident annular sight openings 4 and 5 are formed in the upper right hand corners of the cover plates 1 and 2, respectively.

On the cover plate 1 is illustrated a stage 6, an orchestra 7 represented by different animals, an audience 8, and a moving picture machine 9, from which diverging lines representing a shaft of light 10 extend to the sight opening 4. This sight opening 4 represents the spot light produced by the moving picture machine 9 on a screen above the stage 6. The first two verses of a story 11 are printed on the cover plate 1. The reel on which the story 11 is pictorially illustrated, is in the form of a disk 12 rotatively mounted between the cover plates 1 and 2 on a sleeve-equipped pivot pin 13. The ends of the pivot pin 13 are extended through the cover plates 1 and 2, and upset to hold the same in place, and also to hold the two cover plates closed upon the disk 12. On the face of the disk 12, next to the cover plate 1, is illustrated a plurality of circumferentially spaced pictures 14, each of which illustrates one of the verses of the story 11. Circumferentially spaced finger pieces 15, in the form of notches, are cut in the periphery of the disk 12, and by which finger pieces, a

step by step rotary movement may be imparted to said disk. The pictures 14 are of substantially the same size as the sight openings 3 and 4 and are located the same distance from the axis of the disk 12 as the sight openings 3 and 4, so that under the rotation of the disk 12, the pictures 14 are successively moved into the field of the sight opening 4. The verses of the story 11 and the pictures 14 are consecutively numbered and each verse and the picture illustrating the same are given the same identification mark.

The mounting of the disk 12 between the cover plates 1 and 2 is such that a small edge portion of the disk always projects beyond the right hand edges of the cover plate. It is also important to note that when any one of the pictures 14 is in the field of the sight opening 4, two of the finger pieces 15 are projected outward of the cover plates 1 and 2, one directly above the other and close to the right hand edges thereof. To impart a step of movement to the disk 12, the index finger of a hand Z indicated by broken lines in Fig. 1, is first placed in the upper notch 15, the adjacent edges of the cover plates 1 and 2 acting as a guide for directing the finger into said notch. Then, by a downward pull, the disk 12 may be rotated until the finger again engages the edges of the cover plates 1 and 2 which act as a stop to limit the step of movement of the disk 12.

The pictures 14 represent reel 1. The second reel may be illustrated on the back of the disk 12 and viewed through the sight opening 5. The same stage setting appearing on the cover plate 1, or a different one, will, of course, be reproduced on the cover plate 2. The verses for the second reel will also be printed on the cover 2.

The cover plates 1 and 2, and also the disk 12 may be made of any suitable materials.

It is, of course, understood that in place of the double cover plates, a single cover plate or body member may be used in connection with the picture carrying disk, or a plurality of double leaves and cooperating disks may be bound in a suitable cover. In place of the picture carrying disk, in some instances, it might be desirable to have the pictures illustrated on separate cards and placed, one at a time, in the field of the sight opening. Any suitable means may be employed for holding the cards in place. The several verses of the story may also be

printed on separate cards and held, for instance, in a pocket on the cover plate. In place of a story, a song may be illustrated, or any other desired subject.

5 In reading the story to a child, the disk 12 is given a step of movement at the end of each verse to bring into the field of the sight opening 4, which the child is watching, the picture illustrating the verse being
10 read. As the edges of the covers 1 and 2 act as guides and stops for the finger in rotating the disk, the person reading the story does not have to take his eyes from the verses.

15 What I claim is:

1. The combination with a body member having a sight opening and a story of different verses, of a plurality of pictures illustrating the different verses of the story,
20 and arranged to be successively moved into the field of the sight opening.

2. The combination with a body member having a sight opening and a story of different verses, of a plurality of pictures
25 illustrating the different verses of the story, and arranged to be successively moved into the field of the sight opening, and duplicate identification marks for each verse of the story and the respective picture illustrating
30 the same.

3. The combination with a body member having a sight opening and a story of different verses, of a rotary disk having circumferentially spaced pictures illustrating the different verses of the story and arranged to be successively moved into the field of the sight opening.
35

4. The combination with a body member having a sight opening, of a rotary disk
40 mounted on the body member and having circumferentially spaced illustrations, said disk having circumferentially spaced finger pieces arranged to be successively projected outward of one of the edges of the body
45 member under the rotation of the disk by the finger pieces to successively bring the

illustrations into the field of the sight opening, the edge of the body member acting as a stop for the finger engaging the respective finger piece, to limit the rotary movement 50 of the disk.

5. A book comprising two leaves connected at one of their edges, one of the leaves having a sight opening, a disk mounted between the leaves of the book and having a plurality of circumferentially spaced illustrations arranged to be successively moved into the field of the sight opening, and a fastener connecting the leaves of the book and affording the pivot on which the disk rotates. 55 60

6. A book comprising two leaves connected at one of their edges, one of the leaves having a sight opening, a disk mounted between the leaves of the book and having a plurality of circumferentially spaced illustrations, a fastener connecting the leaves of the book and affording a pivot on which the disk rotates, and a plurality of circumferentially spaced finger pieces on the periphery of the disk arranged to be successively projected, outward beyond the leaves of the book under the rotation of the disk by the finger pieces, for successively moving the illustrations into the field of the sight opening. 65 70 75

7. The combination with a body member having illustrated thereon, a moving picture machine and also having a sight opening representing the spot light produced by the moving picture machine, and radiating lines extending from the moving picture machine to the spot light, of a series of pictures arranged to be successively moved into the field of the sight opening. 80 85

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

WILLIAM C. ROBERTSON.

Witnesses:

EVA E. KÖNIG,
HARRY D. KILGORE.