

No. 778,282.

PATENTED DEC. 27, 1904.

A. O. SODERGREN.
FOLDING PICTURE ALBUM.
APPLICATION FILED MAR. 28, 1904.

2 SHEETS—SHEET 1.

Fig. 2.

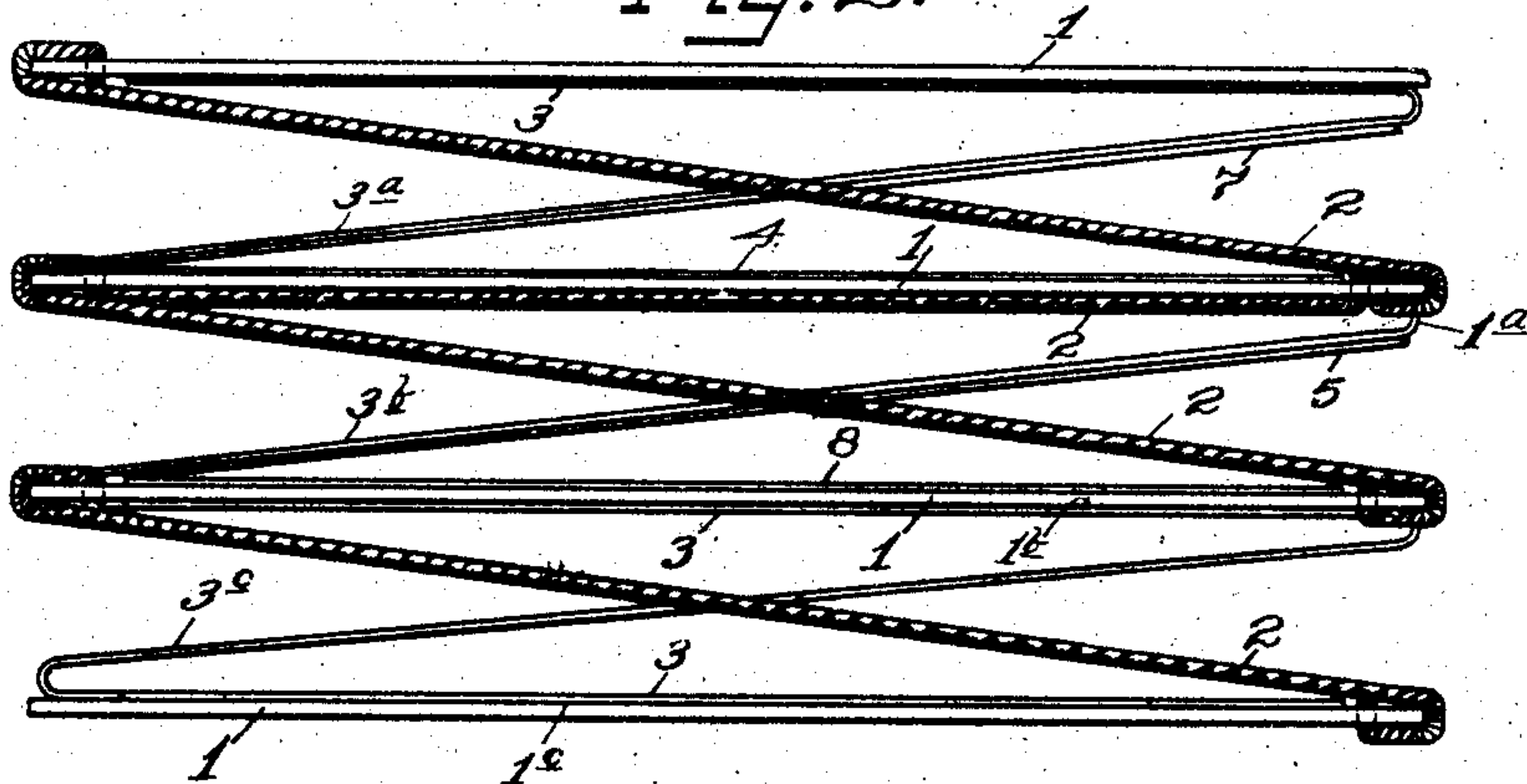
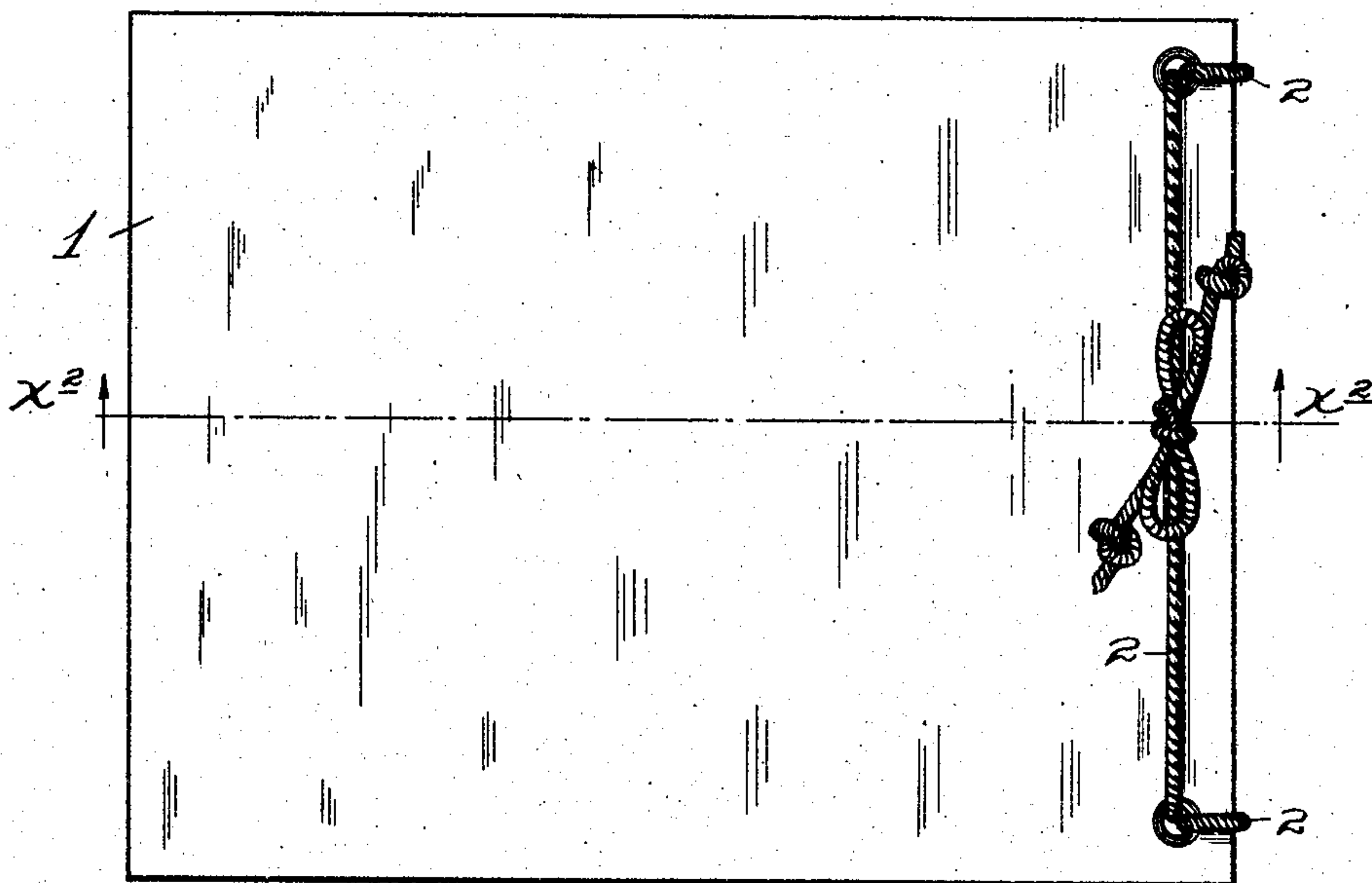


Fig. 1.



Witnesses.

E. W. Jepsen.

H. D. Kilgus.

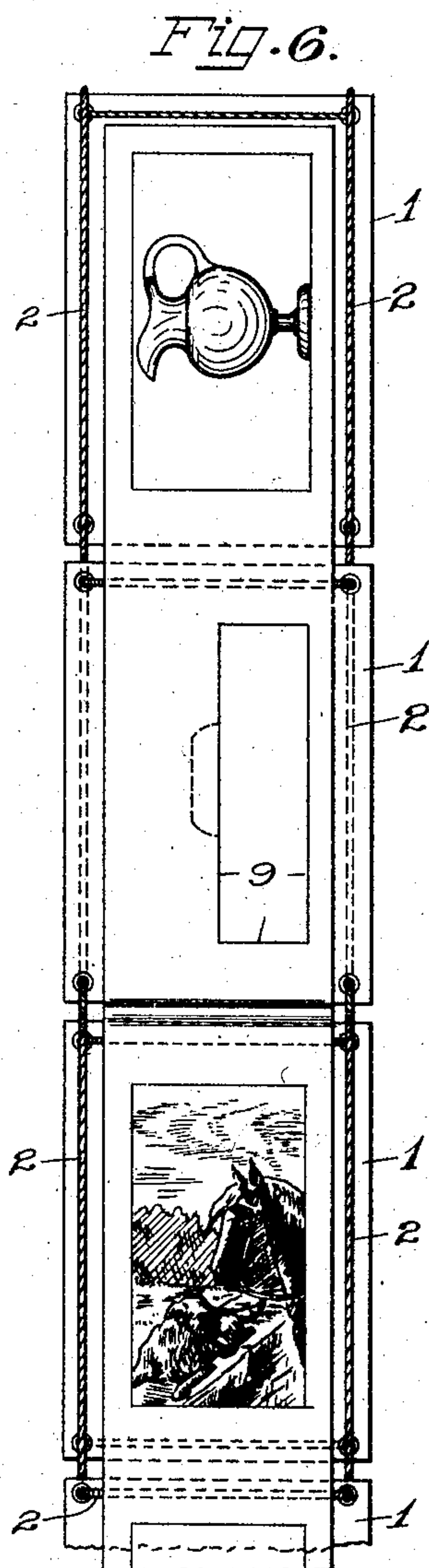
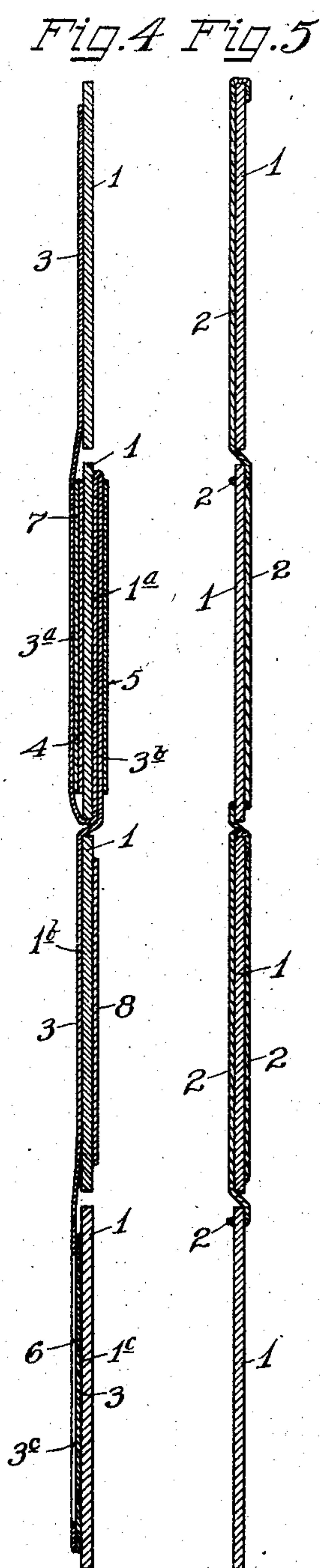
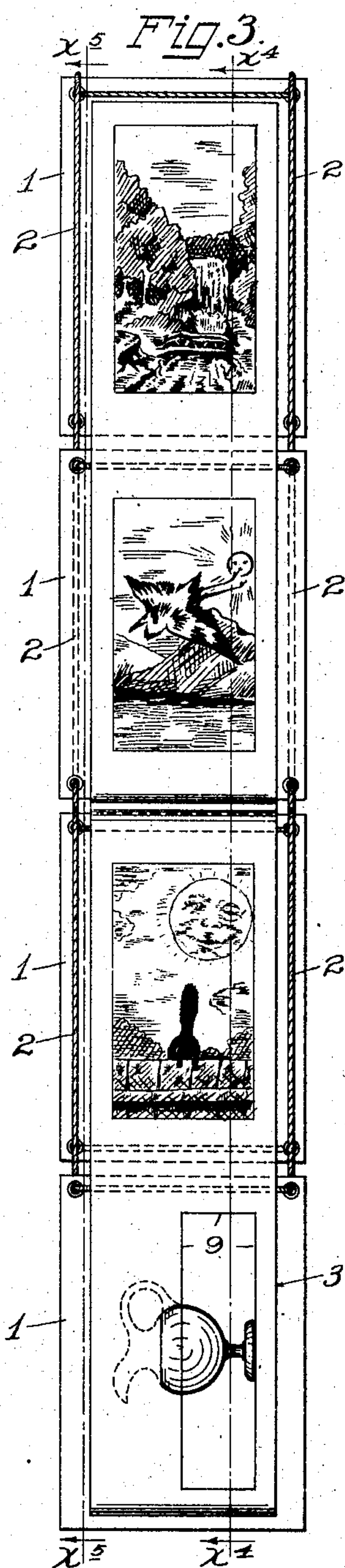
Inventor

Axel O. Sodergren.
By his Attorneys

Williamson & Mendenhall

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2 SHEETS--SHEET 2.



Witnesses.
E. W. Jeppesen.
H. D. Kilgore.

Inventor:
Axel O. Sodergren
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UNITED STATES PATENT OFFICE.

AXEL O. SODERGREN, OF MINNEAPOLIS, MINNESOTA.

FOLDING PICTURE-ALBUM.

SPECIFICATION forming part of Letters Patent No. 778,282, dated December 27, 1904.

Application filed March 28, 1904. Serial No. 200,288.

To all whom it may concern:

Be it known that I, AXEL O. SODERGREN, 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 Folding Picture-Al-
 5 bums; 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
 10 the art to which it appertains to make and use the same.

My invention has for its object to provide an improved folding album made up of hinged cards; and to this end it consists of the novel
 15 devices and combinations of devices hereinafter described, and defined in the claims.

The invention is illustrated in the accompanying drawings, wherein like characters indicate like parts throughout the several views.

20 Figure 1 is a plan view of the album shown as folded. Fig. 2 is a section on the line x^2x^2 of Fig. 1, showing the cards of the album drawn laterally apart. Fig. 3 is a plan or face view of the complete device unfolded. Fig.
 25 4 is a longitudinal section on the line x^4x^4 of Fig. 3. Fig. 5 is a longitudinal section on the line x^5x^5 of Fig. 3; and Fig. 6 is a view corresponding to Fig. 3, but showing the device
 30 turned with its other end up, parts thereof being broken away.

The numeral 1 indicates a plurality of cards that are connected at their sides for endwise engagement by cords or flexible straps 2,
 35 which straps are attached to the opposite ends of adjacent cards, as shown in Fig. 2. As shown, Figs. 3 and 5, these cords are attached to the cards by being passed through suitable perforations therein and being knotted or
 40 otherwise secured at their ends.

45 A long film or picture-marked strip 3, as shown in Fig. 4, is attached to the left-hand face of the uppermost of the cards 1 and passes thence in a loose fold 3^a downward around the lower end of the next adjacent
 50 card and is attached to the opposite or right-hand side thereof at 1^a, thence is doubled upon itself in a loose fold 3^b and passes laterally between said second card and the next adjacent card, to the left-hand face of which lat-
 55 ter card it is attached, as shown at 1^b. From

thence it passes downward in a loose fold 3^c to near the bottom of the lower card 1 and is then again doubled upon itself, the upwardly-extending portion thereof being attached to the left-hand face of said lower card at 1^c. 55

A picture-plate 4 is stuck to the inner face of the fold 3^a, and another picture-plate, 5, is stuck to the outer face of the fold 3^b. A picture-plate 6 is marked on the outer face of the fold 3^c, which picture-plate is cut away, as
 60 hereinafter described.

As shown, a picture-plate 7 is stuck to the left-hand face of the second card from the top, and a similar picture-plate 8 is stuck to the right-hand face of the second card from the
 65 bottom. The above directions, right and left, and the designation of the cards as the first, second, &c., from the top or bottom, are taken with respect to Figs. 4 and 5; but it will of course be understood that the said cards
 70 change their relative positions when the device is manipulated. The connecting-cords 2 are placed at the sides of the cards outside the strip 3, and it will be noted by reference to Fig. 2 that the loose portions or folds of
 75 the strip 3 extend diagonally of the cords 2, so that the said cords form hinges, as it were, over which the cards will fall downward when the device is suspended from one end, while the picture-strip 3 will form hinges at the other
 80 ends of the said cards, over which the cards will fall downward when the device is suspended from its other end.

When the device is supported by the card which in Fig. 3 is shown as having thereon
 85 the picture of a waterfall, the cards will assume the positions shown in Figs. 3, 4, and 5; but when the device is turned the other end up and suspended by the card shown as marked with a pitcher the cards will assume
 90 the positions indicated in part by Fig. 6. In the position of the cards shown in Figs. 3, 4, and 5 the picture on the plate 7 is covered from view, as are also the pictures on the inner sides of the folds 3^a and 3^b and the upper
 95 or left-hand portion of the picture—to wit, the pitcher—shown on the right-hand face of the lower card 1, by the said strip 3; but when the parts are turned as shown in Fig. 6 these pictures will be exposed to view. 100

The picture-strip 3 and the picture 6 marked thereon is cut away at 9, the said picture 6 being a design which is supplemental to a portion of the design marked on the said lower card 1. (See Figs. 3 and 6.) When the two cards are folded together, said picture 6 is adapted to register with the lower portion of the complete design and to transform the same, so far as appearances go, into a goblet. The lower portion of the said complete design representing the pitcher is in the position of the parts shown in Fig. 6 visible through the sight-opening or cut-away portion 9 of the portion of the strip 3 upon which the supplemental design is marked.

It will thus be seen that by these supplemental designs placed on different cards and by manipulating the cards so as to cause them to overlap or fold in different ways changeable pictures are provided.

It will of course be understood that these changing or combination figures or pictures may in practice be worked out in a great many different ways, so as to add to the attractiveness of the device. It will also be understood that the device described is capable of modification within the scope of my invention as herein set forth and claimed.

What I claim, and desire to secure by Letters Patent of the United States, is as follows: 30

1. The combination with a plurality of cards 1, connected for hinge-like movements in reverse directions by hinge-cords 2, and a picture-strip 3, to which said cards are secured, certain sections of said strip having openings at 9, and having pictures that are supplemental to pictures on adjacent sections of said strip, substantially as and for the purpose set forth. 35

2. The combination with a plurality of cards 1, of cords 2, connecting the opposite ends of adjacent cards for hinge-like movements, the picture-strip 3 attached to the said cards, and having the loose folds 3^a, 3^b and 3^c, the said strip 3 connecting said cards for hinge-like movements reverse from those permitted by the said cords 2, the said cards and picture-strips having pictures thereon, substantially as described. 40 45

In testimony whereof I affix my signature in presence of two witnesses. 50

AXEL O. SODERGREN.

Witnesses:

ROBERT C. MABEY,
F. D. MERCHANT.