

No. 855,121.

PATENTED MAY 28, 1907.

L. M. McCORMICK.
LANTERN SLIDE AND MAT THEREFOR.
APPLICATION FILED DEC. 22, 1902.

Fig. 1.

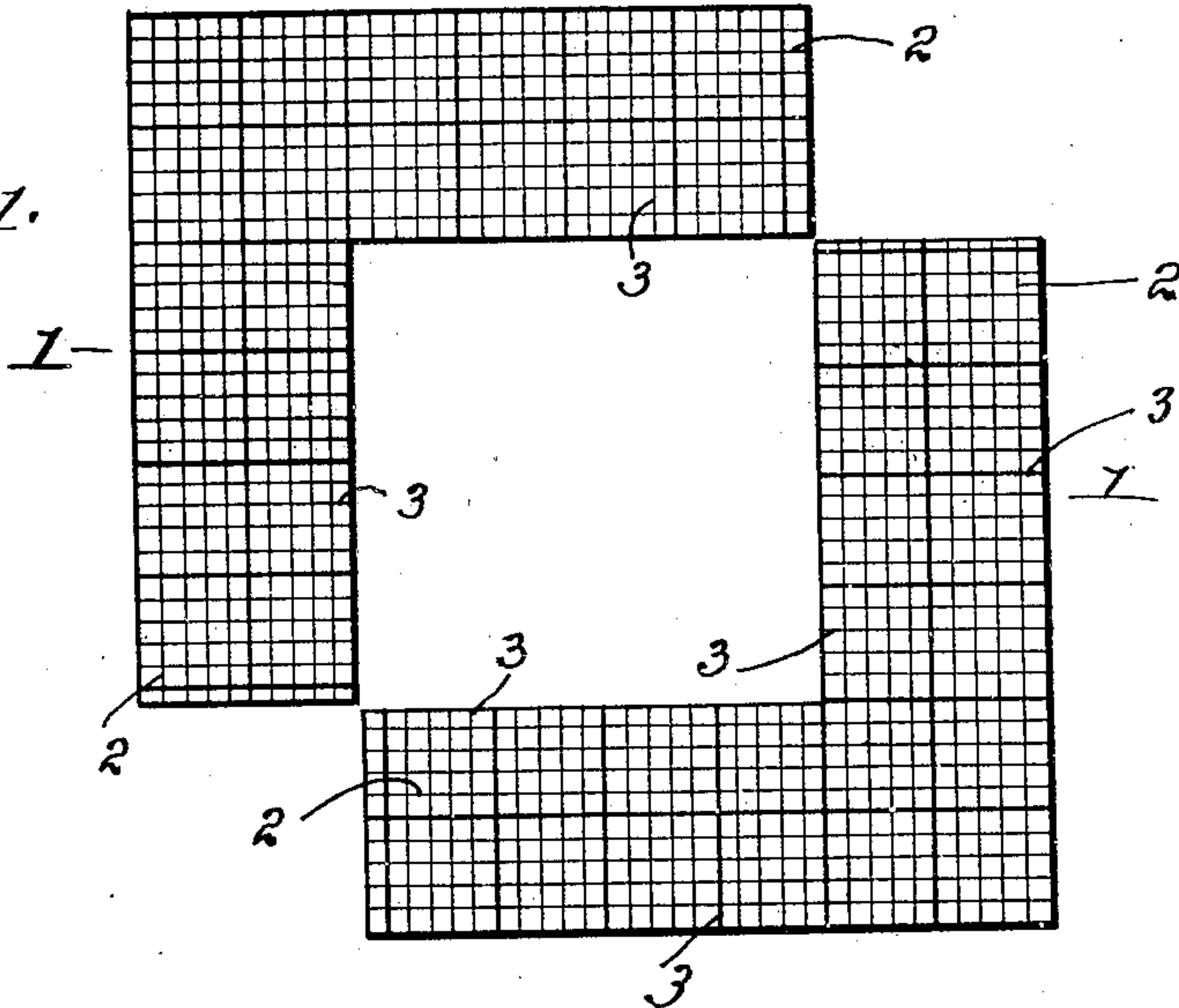


Fig. 2.

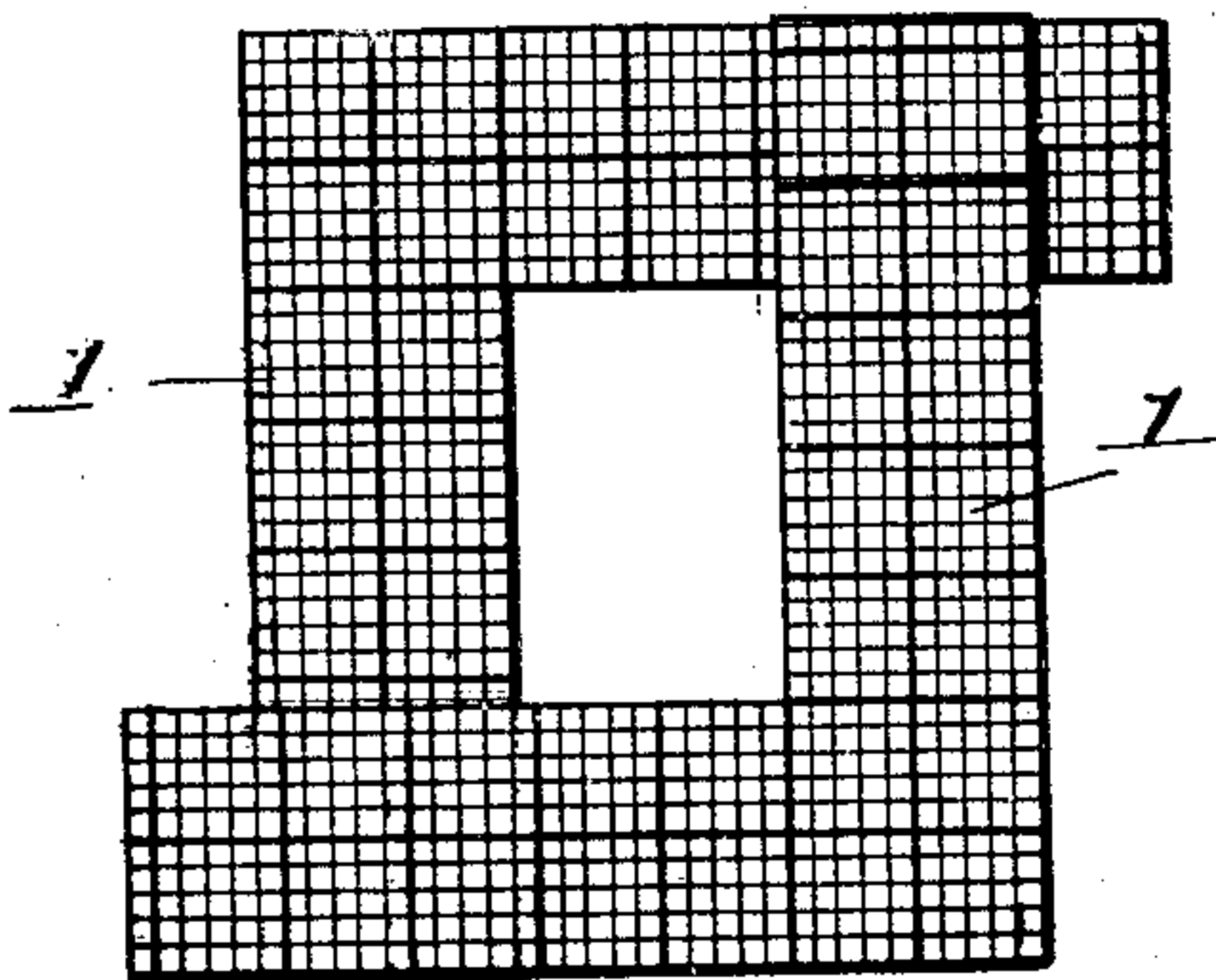


Fig. 3.

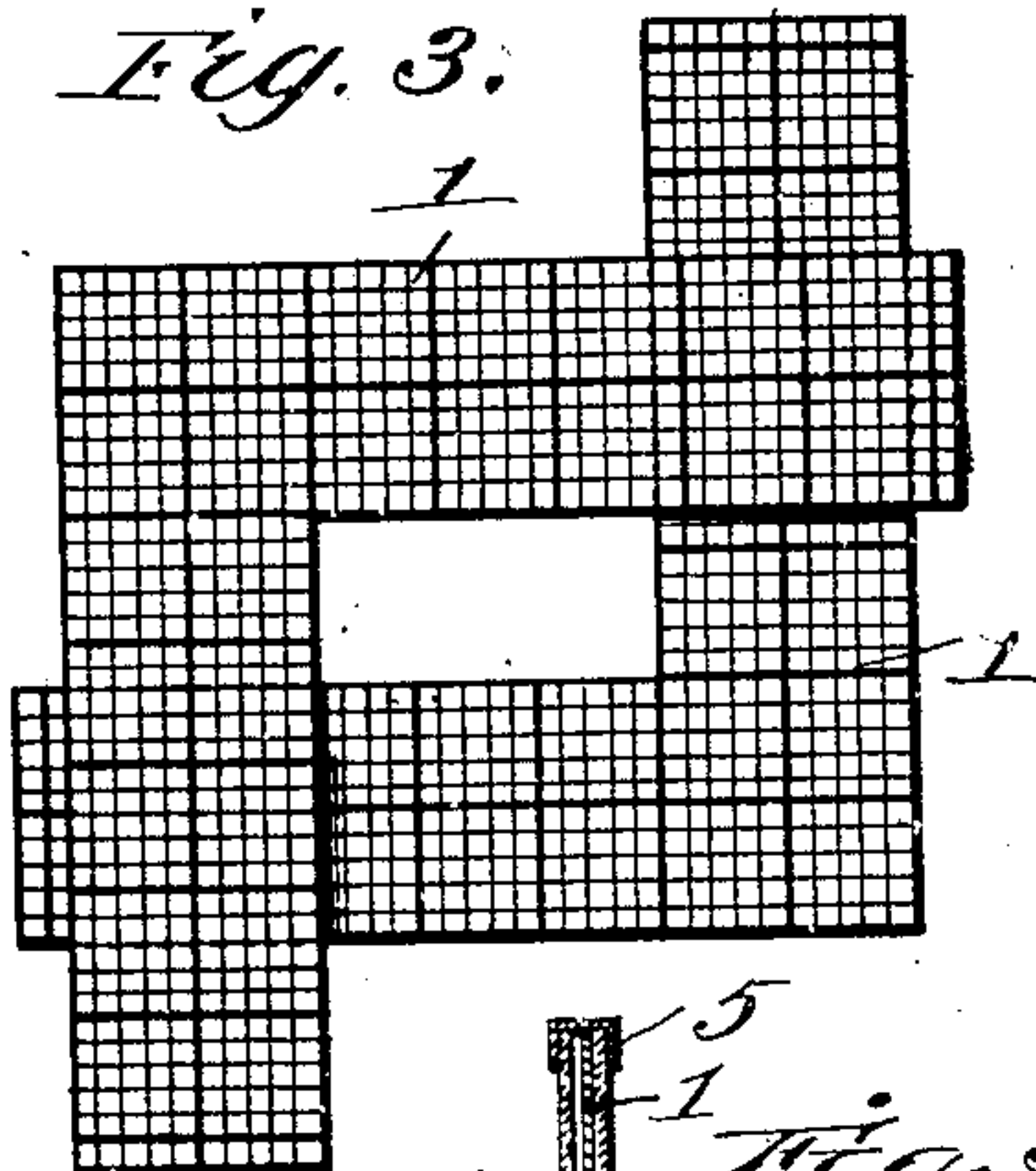
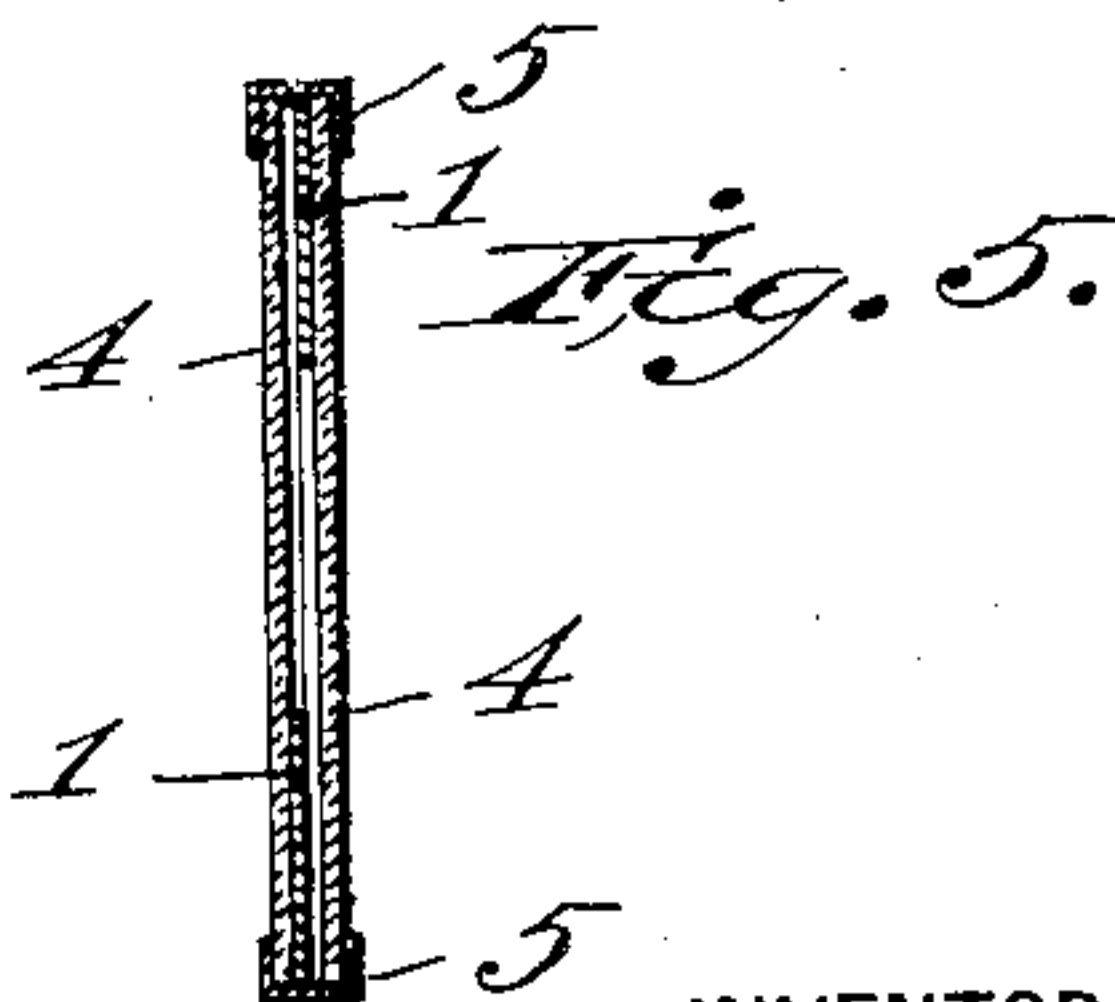
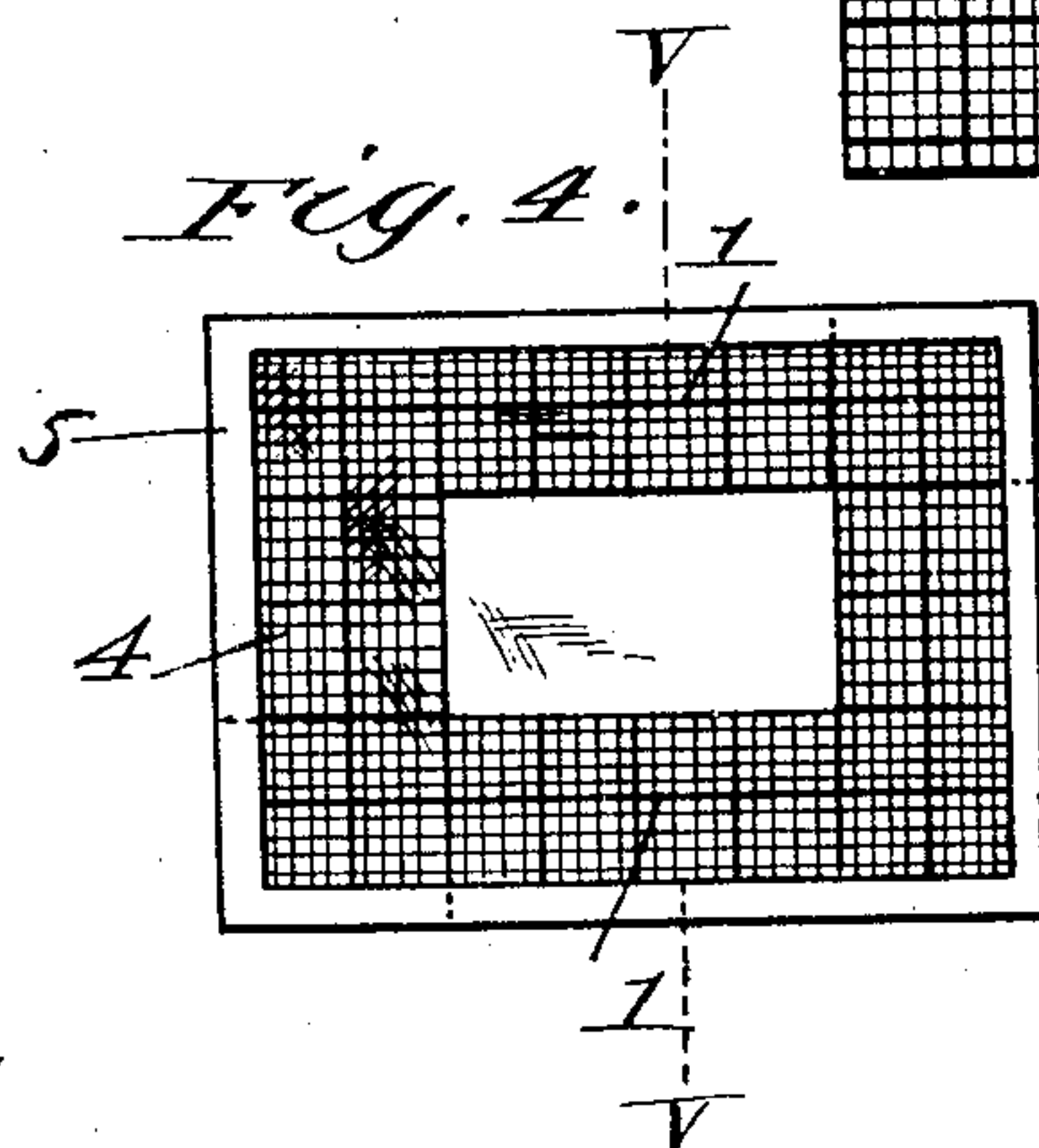


Fig. 4.



WITNESSES:

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LANTERN-SLIDE AND MAT THEREFOR.

No. 855,121.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed December 22, 1902. Serial No. 136,110.

To all whom it may concern:

Be it known that I, LEWIS M. McCORMICK, a citizen of the United States, residing in Manhattan, county of New York, city and State of New York, have invented certain new and useful Improvements in Lantern-Slides and Mats Therefor, of which the following is a specification, reference being had herein to the accompanying drawings, in which—

Figure 1 is a view of the two sections of the mat separated; Figs. 2 and 3 detail views showing the manner of adjusting the mat sections to secure mat openings of different dimensions; and Fig. 4 a view showing the mat applied to a slide. Fig. 5 is a sectional view on the line V—V of Fig. 4.

Lantern slide mats as now made are either cut out to standard sizes, or are marked with gage marks and lines which enable the user to cut the opening at the desired place in the mat and of the desired size. This latter form of mat is used by those makers of lantern slides who have sufficient artistic talent to select either the most artistic part of the diapositive or the part containing the matter of interest which is to be shown on the screen. It will be readily understood that it requires a great deal of careful work to measure off the desired opening, and to cut out the mat so that the corners and edges of the opening will be sharp and clean.

It is the main object of this invention to provide a lantern slide mat which may be readily adjusted to secure an opening of any desired dimensions at any desired point on the slide, and to avoid the necessity of cutting out the mat.

Another object of the invention is to provide the mat sections with suitable gage marks and lines by which the mat sections may be accurately adjusted to secure a rectangular mat opening.

A further object of the invention is to provide the mat sections with gage marks or lines by which the assembled mat sections can be arranged on the slide with the margins of the mat opening parallel with the corresponding edges of the slide.

Referring to the various parts by numerals, 1 designates the sections of the mat which are preferably formed of thin opaque paper or similar material. There are two of these sections and they are exact duplicates of each other. As shown in the drawing these sections are L-shaped and each section is

provided with longitudinal and transverse gage lines, the longitudinal lines being marked 2 and the transverse gage lines, 3.

In assembling the sections of the mat the members of the sections are crossed or overlapped as in Figs. 2 and 3, in such a manner as to form a rectangular opening. Where the members of mat sections cross each other the inner marginal edges of one are arranged parallel with the transverse gage lines of the other section. After being thus arranged to form a rectangular opening of the desired dimensions they are to be temporarily or permanently connected together in any suitable manner. In this way a mat may be readily formed having a true rectangular opening therein.

When the assembled and connected mat is placed on the slide glass or diapositive it is so arranged that the longitudinal gage lines are parallel with the adjoining edges of the glass. This insures the marginal edges of the mat opening being parallel with the adjoining edges of the slide glass. The cover glass 4 is then placed over the mat, and a strip 5 of suitable material, preferably opaque paper, is then pasted around the edges of the cover glass and diapositive to permanently connect them together and secure the mat in position.

The transverse gage lines are arranged equal distances apart, preferably 1-8 of an inch, on both mat sections whereby if it be desired to make a number of mats having the same size opening it may be readily done without specially making the mat sections.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is:—

1. A lantern slide mat comprised of a pair of L-shaped mat sections formed of thin flexible opaque paper having longitudinal and transverse gage marks thereon and adapted to be adjusted on each other and to be pasted together to form a mat having a rectangular opening of the desired dimensions, the mat sections being arranged according to the transverse gage marks to secure the rectangular opening and according to the longitudinal gage marks to place the mat so that the margins of the said opening will be parallel with the corresponding edges of the slide glass and to be permanently secured to the lantern slide.

2. A lantern slide mat comprising a pair of L-shaped mat sections formed of thin opaque paper having parallel transverse gage lines

thereon and adapted to be adjusted on each other and to be connected together where they overlap to form a permanent mat having a rectangular opening of the desired dimensions, the inner margins of the one of the mat sections being parallel with the transverse gage lines of the other section to secure the rectangular opening.

3. A lantern slide comprising a diapositive, a pair of L-shaped mat sections formed of thin opaque paper having parallel transverse gage lines thereon and adapted to be adjusted on each other to form a mat having a rectangular opening the inner margins of

one of the mat sections being parallel with the transverse gage lines of the other section to secure a rectangular opening, a cover glass and a binding strip secured to the edges of the cover glass and the diapositive to secure them together and to hold the mat between them.

In testimony whereof I hereunto affix my signature in the presence of two witnesses this 19 day of December 1902.

LEWIS M. McCORMICK.

Witnesses:

THOMAS G. KENNEDY,
EDWARD C. H. VOGLER.