

S. J. LACKEY.

Chart for Object-Teaching.

No. 197,279.

Patented Nov. 20, 1877.

Fig. 1.

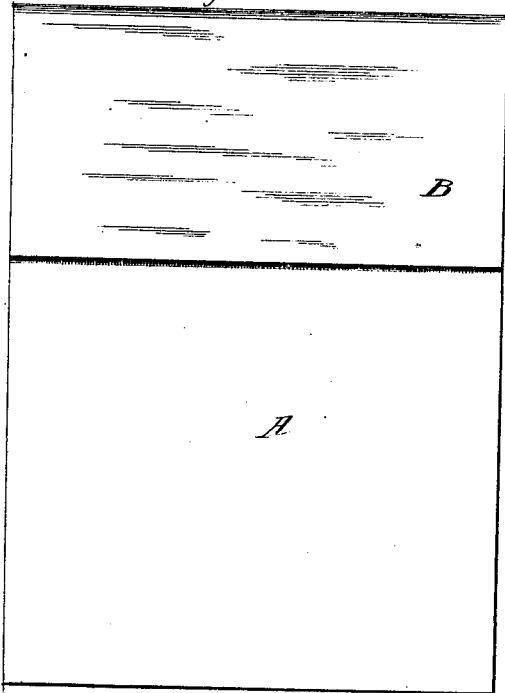


Fig. 2.

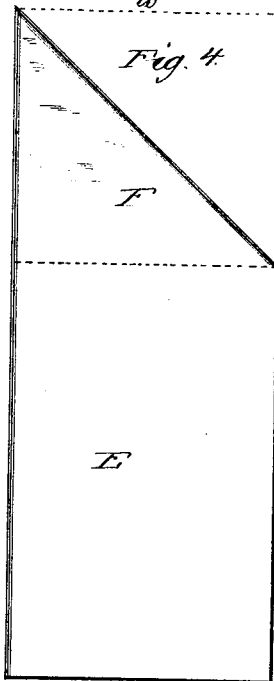
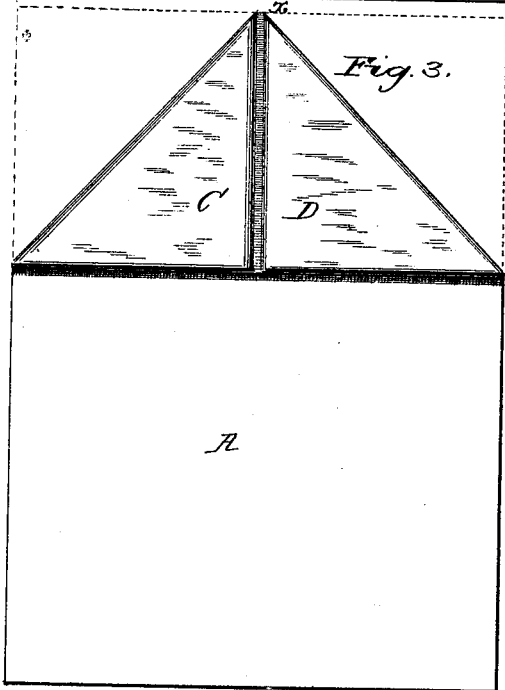
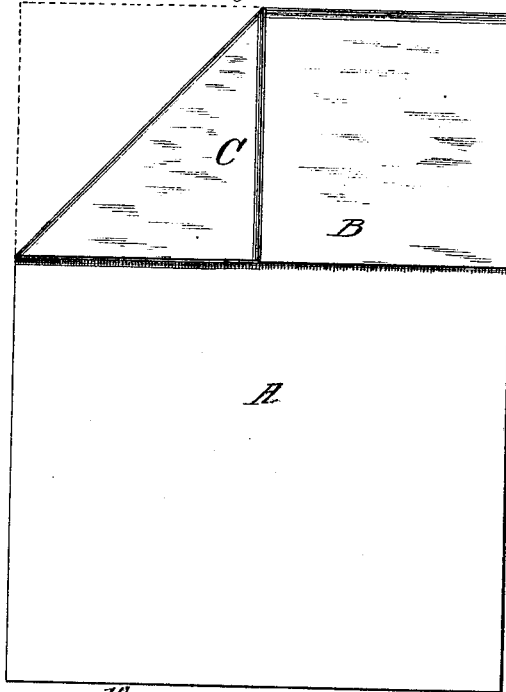


Fig. 5.



Witnesses  
*David C. Dietrich*  
*John L. Condon*

by

3

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atly

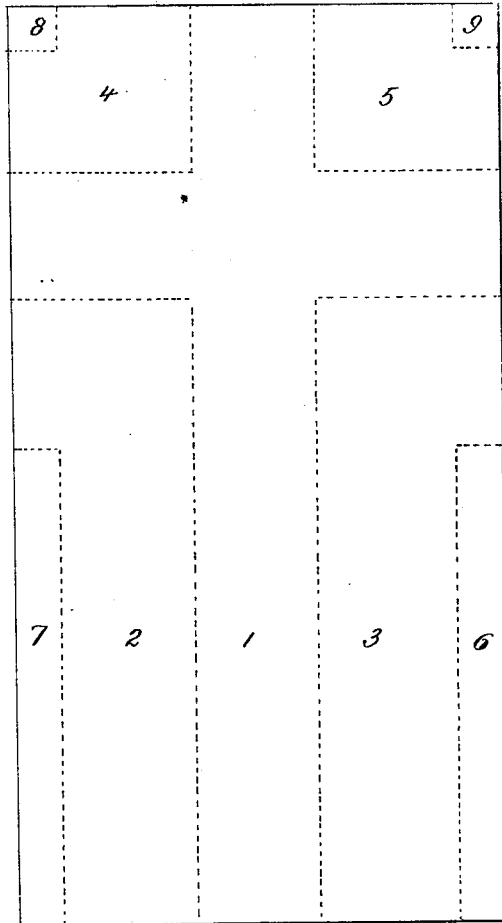
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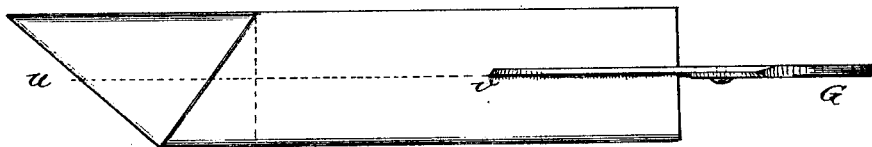
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*Fig. 6.*



*Fig. 7.*



Witnesses.

*And G. Dietrich*

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*Inventor*

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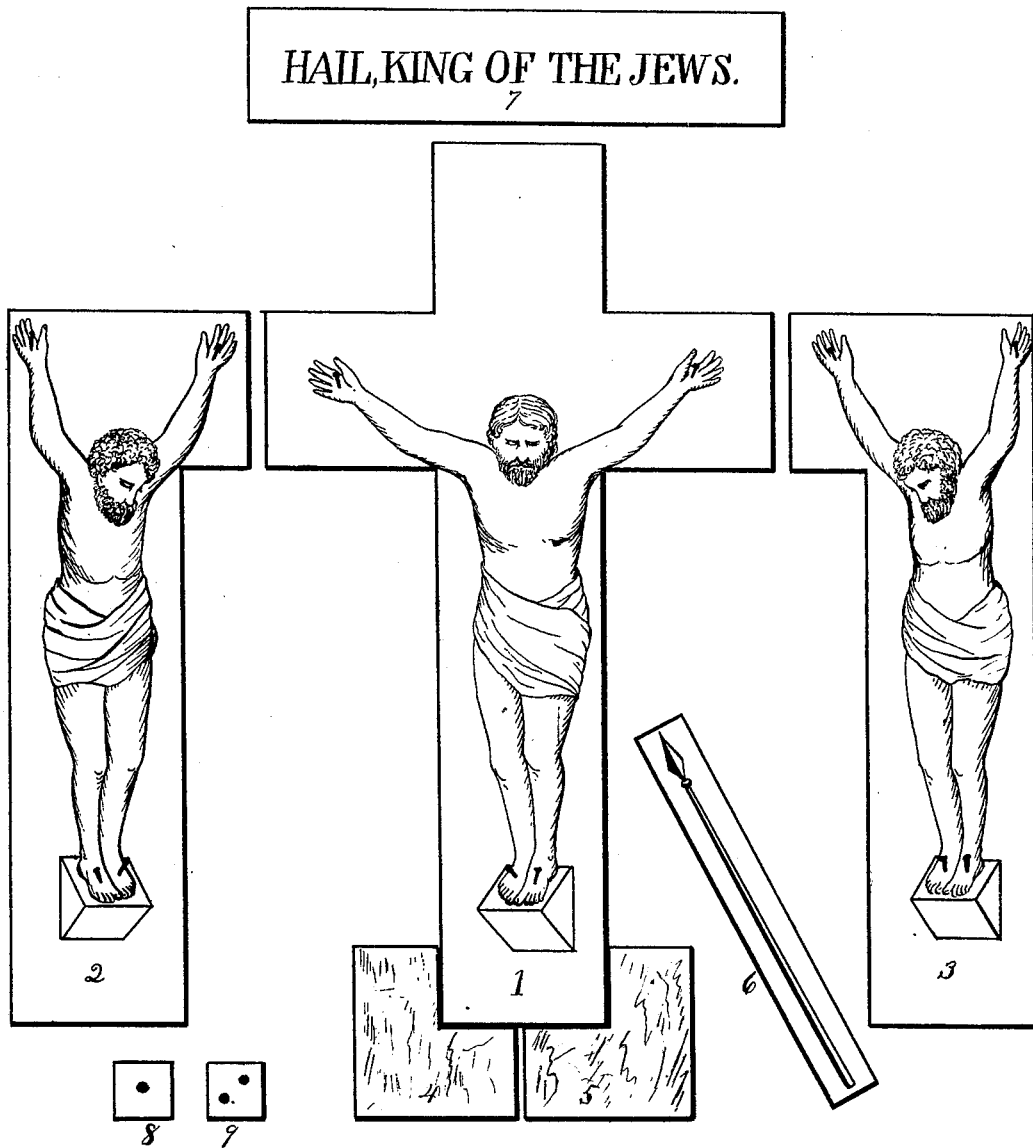
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Fig. 8.



Witnesses.

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Inventor.

*S. J. Lackey*

# UNITED STATES PATENT OFFICE.

SYLVENUS J. LACKEY, OF CLEVELAND, OHIO.

## IMPROVEMENT IN CHARTS FOR OBJECT-TEACHING.

Specification forming part of Letters Patent No. **197,279**, dated November 20, 1877; application filed November 6, 1877.

*To all whom it may concern:*

Be it known that I, SYLVENUS J. LACKEY, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Charts or Devices for Object-Teaching; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The chief object of my invention is to furnish teachers, lecturers, and families with an improved device for illustrating and symbolizing certain events in sacred history; and, secondly, to furnish a new and useful means, in the form of a chart, for imparting instruction and for social entertainment, the same partaking, in part, of the nature of a puzzle.

My invention consists, first, of a card folded, as hereinafter described, so as to be cut, by a single or straight stroke of the scissors or cutter, into nine pieces, all of specific and symbolic or emblematic form, the most essential being that of a perfect cross; secondly, my invention consists of the nine pieces as an entire group, produced by the said single stroke or cut; thirdly, of the chart or illustrative diagram formed by the arrangement of the said pieces, as hereinafter described and shown.

In the accompanying drawings, Figure 1 is a plan view of a sheet of card-board, A, with a single fold, B, at the top.

Fig. 2 represents the same card-board having the third or corner fold, C, which is of four thicknesses, while B is of but two thicknesses, and the lower part A is of but one thickness.

Fig. 3 represents the card-board A with both of the upper corners folded over, making four thicknesses at fold C, and also at fold D.

Fig. 4 represents the card-board with the fourth fold, E, upon the line *x y* of Fig. 3, thus giving two thicknesses at fold E and eight thicknesses at fold F.

Fig. 5 represents the card-board completely folded, forming the blank, ready for the scissors or cutter, the same being made by folding the card, as shown in Fig. 4, upon the line *w z*.

Fig. 6 represents the nine pieces to be cut from the whole card-board by a single straight

stroke or cut; and Fig. 7 represents the blank with the scissors G in the act of cutting the nine pieces by a single straight cut, as indicated in part by the dotted line *u v*.

Fig. 8 represents the nine pieces rearranged in the form of a chart or illustrative diagram, the parts or pieces all being numbered from 1 to 9, and the corresponding numbers being also placed on the corresponding parts in Fig. 6.

The diagram or chart formed of the cut pieces, arranged as shown in Fig. 8, is designed, mainly, to represent the great event of the crucifixion. The central piece, numbered 1, represents a perfect cross. The two pieces, one on either side of the main cross, and numbered 2 and 3, represent partial crosses. The two pieces numbered 4 and 5 represent, in vertical section, stones placed as a base or socket to hold the cross in place when erected. The piece 6 has a representation thereon of a spear. The piece numbered 7 is a tablet, bearing the inscription "Hail, King of the Jews;" and, lastly, the two small pieces, numbered 8 and 9, represent a pair of dice.

This chart is intended to be used in connection with lectures, and by teachers in instructing classes in sacred history; and in manufacturing my invention for the trade it may be painted upon, printed, or otherwise ornamented or embellished, as desired.

Having described my invention, I claim—

1. As an improvement in charts for object-teaching, a card or sheet folded as described, and adapted thereby to be divided into the emblematic pieces 1, 2, 3, 4, 5, 6, 7, 8, and 9 by a single straight cut, substantially in the manner and for the purpose set forth.

2. The series of card-pieces 1, 2, 3, 4, 5, 6, 7, 8, and 9, formed as described and shown.

3. The combination and arrangement of the pieces 1, 2, 3, 4, 5, 6, 7, 8, and 9, to form the emblematic chart represented by Fig. 8 of the drawing.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

SYLVENUS J. LACKEY.

Witnesses:

DANIEL BREED,  
GEO. F. GRAHAM.