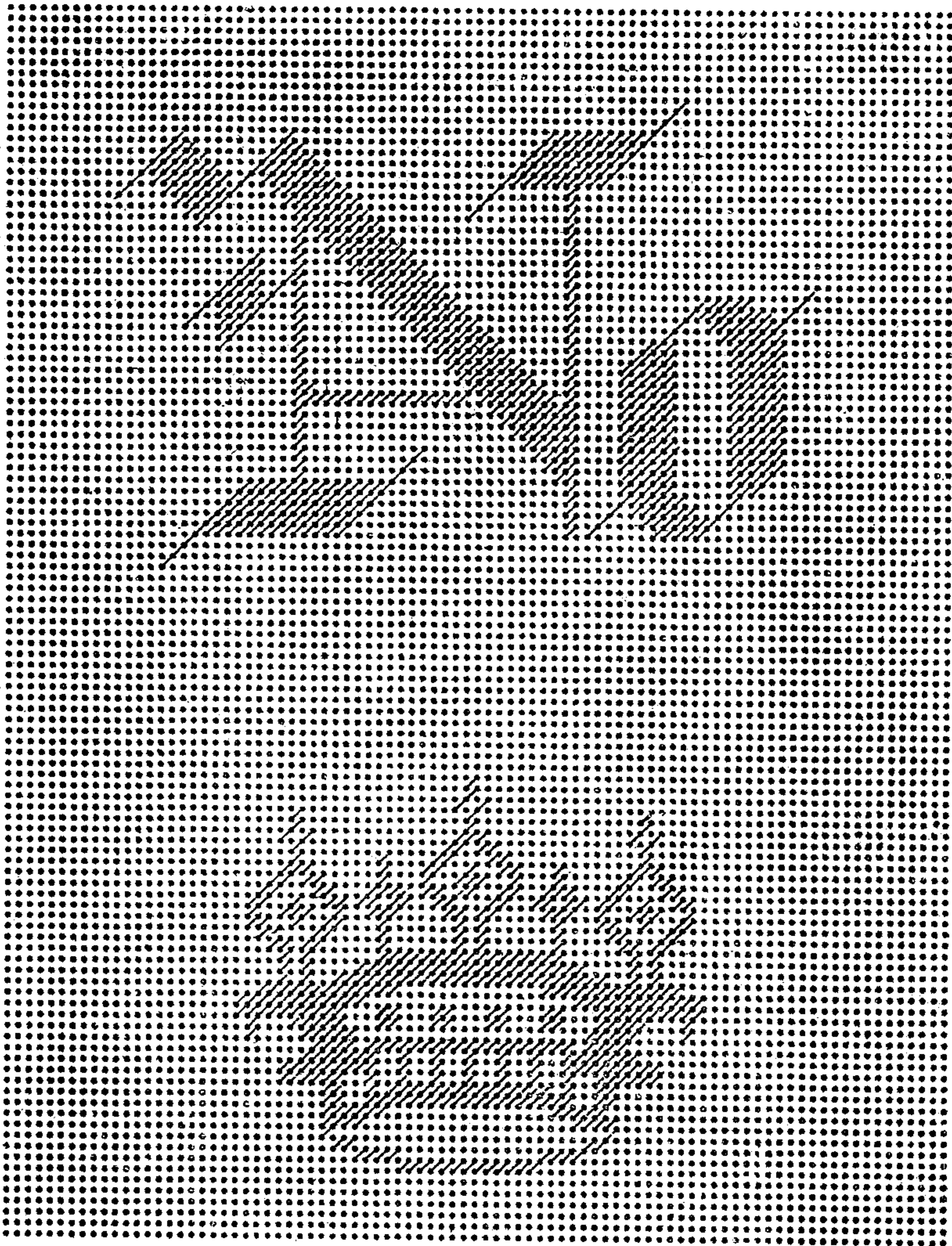


H. St. JOHN.

Perforated Card-Board Patterns.

No. 146,956.

Patented Jan. 27, 1874.



Witnesses.

*W. Shumway*  
*A. J. Tibbitts*

*Henry St John*  
*Inventor*

*By Atty*

*John C. Carl*

# UNITED STATES PATENT OFFICE.

HENRY ST. JOHN, OF NEW HAVEN, CONNECTICUT.

## IMPROVEMENT IN PERFORATED CARD-BOARD PATTERNS.

Specification forming part of Letters Patent No. **146,956**, dated January 27, 1874; application filed November 6, 1873.

*To all whom it may concern:*

Be it known that I, HENRY ST. JOHN, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Perforated Card-Board Patterns; and I do hereby declare the following, when taken in connection with the accompanying drawing, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a piece of perforated paper with the pattern stamped thereon.

This invention relates to the manufacture of a perforated card-board having letters or figures marked thereon to indicate the direction and extent of the stitches in working the letters or figures thereon; and it consists in printing upon perforated card-board the desired letters or figures in lines from one perforation to the other, indicating the direction or line of stitches to be taken in embroidering the letters or figures thereon.

In illustrating this invention I make use of the word "no" and the figure of a crown, from which it will be understood how other letters, characters, or figures may be printed. I take a piece of perforated card-board of the desired size and perforation and delineate upon its surface, in the desired position, the letters or figures in a succession of lines at an angle of forty-five degrees, running from one perforation to the next to the extent of the em-

broidery in the direction of the lines. These lines indicate the several holes through which the embroidering-thread must be passed, and the direction in which the thread must be drawn, so that if the lines are followed an embroidered figure will be made upon the board corresponding to the figure printed thereon.

As shown in the drawings, the lines must be always at the same angle, and by such a succession of lines any desirable figure may be printed thereon.

I make these cards with various figures, according to the demands of the trade, so that they may be supplied to purchasers ready for use, and the cards thus prepared constitute an article of manufacture.

I do not broadly claim printing letters or figures upon the surface of perforated paper.

I claim as my invention—

As an article of manufacture, a perforated card-board for embroidery having letters, figures, or characters printed thereon in a succession of lines parallel to each other and running diagonally from one perforation to another throughout the figures, letters, &c., to indicate the direction of the filling-in stitches, substantially as described.

HENRY ST. JOHN.

Witnesses:

J. H. SHUMWAY,  
A. J. TIBBITS.