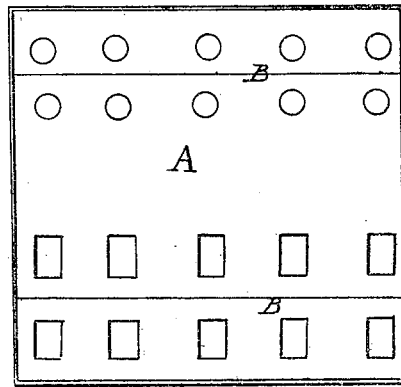
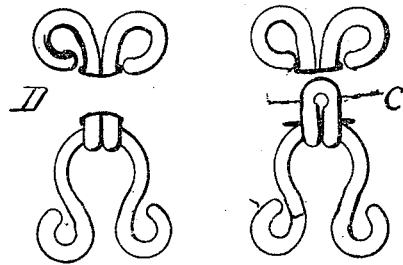


E. J. Warner

Carding Hooks & Eyes

N^o 7762.

Patented Nov. 5. 1850



Inventor

E. J. Warner

UNITED STATES PATENT OFFICE.

EZRA J. WARNER, OF WATERBURY, CONNECTICUT.

MODE OF FASTENING HOOKS AND EYES UPON CARDS.

Specification of Letters Patent No. 7,762, dated November 5, 1850.

To all whom it may concern:

Be it known that I, EZRA J. WARNER, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and Improved Method of Attaching Hooks and Eyes to Cards or Sheets of Paper, being an improvement upon "Atwood's Patent," and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In order that my improvement and invention may be fully understood I will first describe the method known as "Atwood's patent." By this method the card or paper is perforated with parallel lines of holes (either round or square—I prefer round holes in the use of my improvement)—varying in size and distance from each other according to the size of the hooks and eyes to be attached—see Drawing A. The paper is then doubled or folded half way between these rows of holes in the line marked B in Drawing A, in such a manner that each hole in one row will be applied upon and coincide with its corresponding hole in the other row. The hook is then thrust through both holes in such a manner that when the eye is hooked on and the paper unfolded it leaves the point of the hook with the eye hanging upon it on the front side of the card. See Drawing C. The small ridge which remains where the paper was folded being intended to keep the eye from falling off the hook. The objection to this method is that the eye being on the same side of the paper with the point of the hook, the small ridge in the paper is

not sufficient to keep the eye from falling off. My improvement obviates this objection. I proceed as follows, having perforated and folded the paper as in Atwood's method I put the hook through the holes in such a manner that when the paper is unfolded the point of the hook will come upon the back side of the sheet—this is done by holding the hook the other side up when it is put through; having pushed the hook through the two holes I hook on the eye, and on unfolding the paper the point of the hook goes back through one hole and remains on the back side of the sheet while the eye is on the front side. If put on this way the eye cannot come off until the paper is again folded and the point of the hook drawn forward to the front side of the sheet of paper—the ridge is also rendered unnecessary and the card presents a smoother and neater appearance, see Drawing D.—

What I claim as my invention is—

The putting on of the hooks and eyes in such a manner upon paper perforated as herein described, that the points of the hooks are upon one side of the sheet and the eyes upon the other side thereby securing the eyes against dropping off from the hooks. I claim nothing in regard to the manner of perforating or folding the paper nor for any other method of putting hooks and eyes upon perforated paper than the method herein described.

Dated at Waterbury, Sept. 25th, 1850.

E. J. WARNER.

Witnesses:

FREDK. J. KINGSBURY,
LUCIUS P. BRYAN.