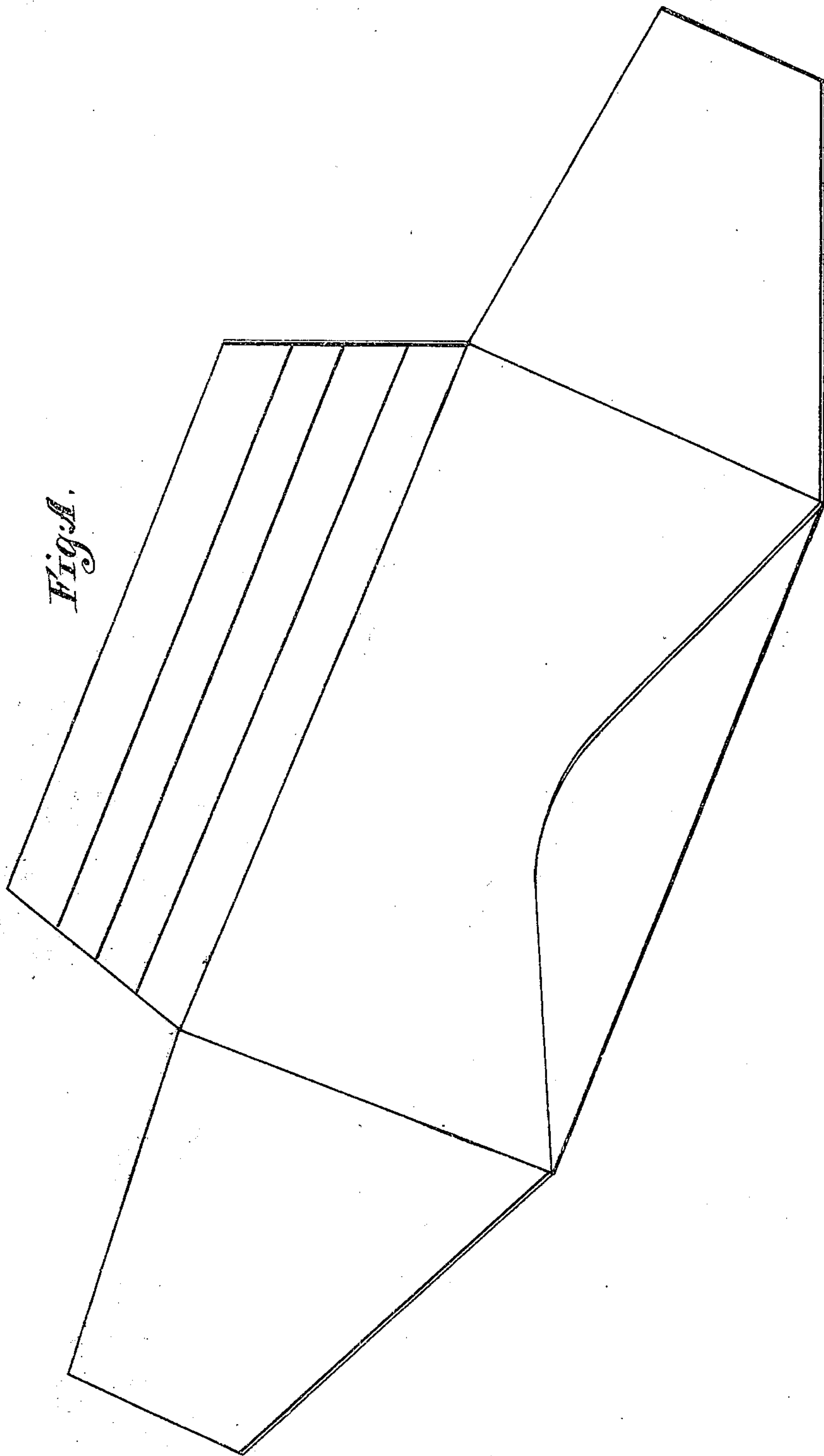


*E. Harmon.*  
*Envelope.*

*N<sup>o</sup> 13,838. Patented Nov. 20, 1855.*

*Fig. 1.*



# UNITED STATES PATENT OFFICE.

EMANUEL HARMON, OF WASHINGTON, DISTRICT OF COLUMBIA.

## ENVELOP.

Specification of Letters Patent No. 13,838, dated November 20, 1855.

*To all whom it may concern:*

Be it known that I, EMANUEL HARMON, of Washington, in the District of Columbia, have invented an Improvement in the Manufacture of Envelops, and that the following is a full, clear, and exact description of the principle or character which distinguishes it from all other things before known and of the usual manner of making, modifying, and using the same, reference being had to the annexed drawing, of which the figure exhibits a perspective view of the interior of an envelop before it is folded.

My invention consists in manufacturing or preparing envelops with lines ruled or otherwise made in such manner that the lines shall not appear externally and shall become visible when the face and back of the envelop are brought together so as to guide the hand in writing the address as hereinafter described. The envelop is styled the self ruling envelop.

The figure shows the interior of an open envelop with parallel lines upon the interior of the backs or upon the back wing of the envelop. When the envelop is closed the side wings according to the usual mode of manufacturing envelops, are closed over the back, and the double thickness of the paper in this case prevents the lines from showing through the back. The lines may be upon either of the other wings or any two or more, according to the mode preferred in the manufacture of the envelop

but in any case the lines must be upon the inside of the back when the envelop is folded or made up; the point desired being the concealment of the lines except when the address is to be written. When this is to be done the face of the envelop is pressed down upon the back and the lines show through the face sufficiently to guide the pen and enable the writer to make a neat address. Many persons and even many of those who write good "hands" cannot write well without lines and in consequence a vast number of envelops are spoiled in addressing them and destroyed and where stamped envelops are used the expense is considerable.

The self ruling envelop is not only very convenient and desirable, but a great economy. The lines may be ruled or printed of any desired color, size and distance apart and if they should in any case show through the back when the letter is inclosed they will show faintly and not disfigure the envelop and cannot be seen at all on the face of the envelop after the letter is inclosed.

What I claim is—

The manufacture or preparation of envelops with parallel lines on the interior of the back, as herein set forth.

E. HARMON.

Witnesses:

CHAS. G. PAGE,  
F. CAMPBELL.