

*E. Harmon.*  
*Stocking.*

*No. 39,569.*

*Patented Aug 18, 1863.*

Fig. 5.

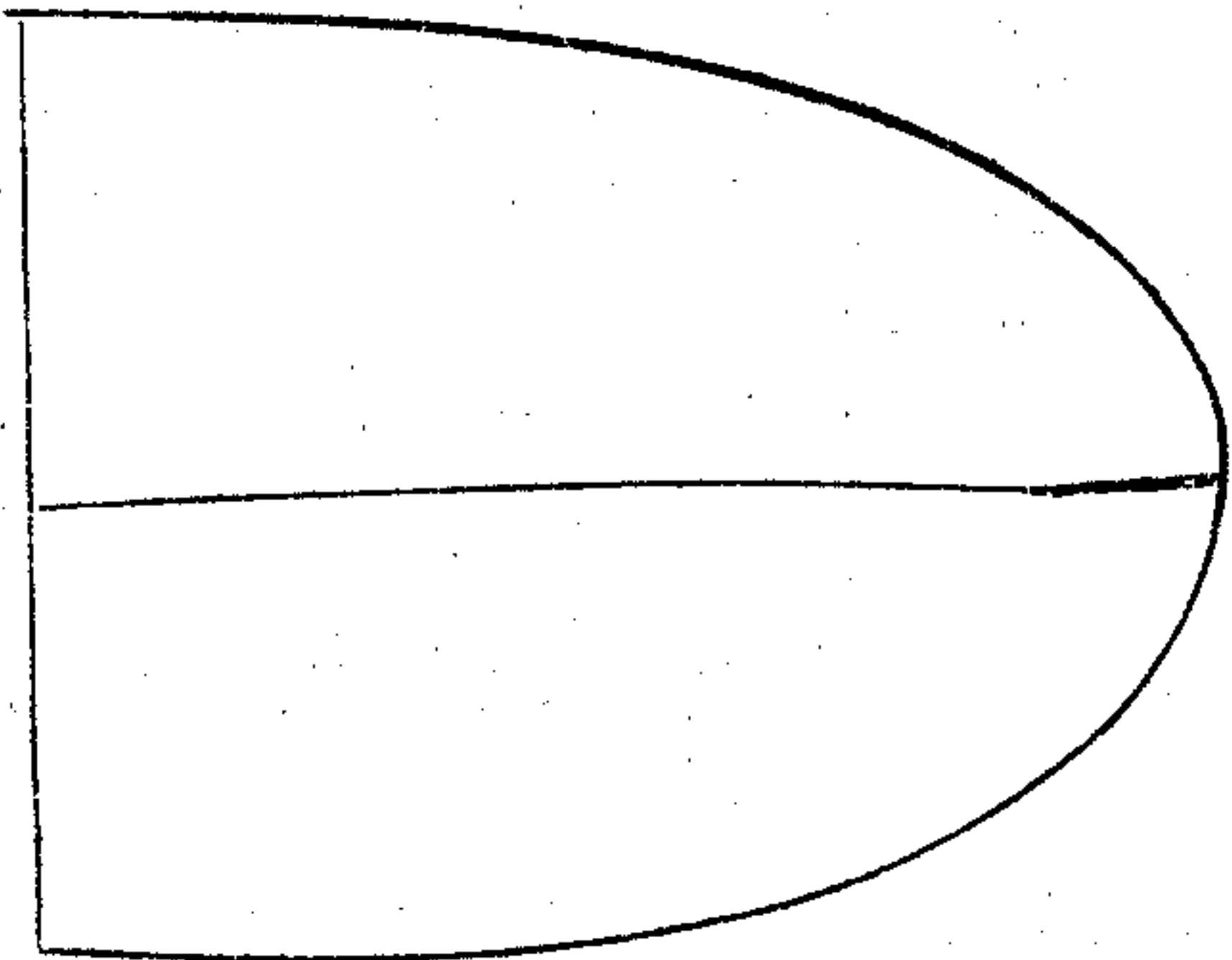


Fig. 4.

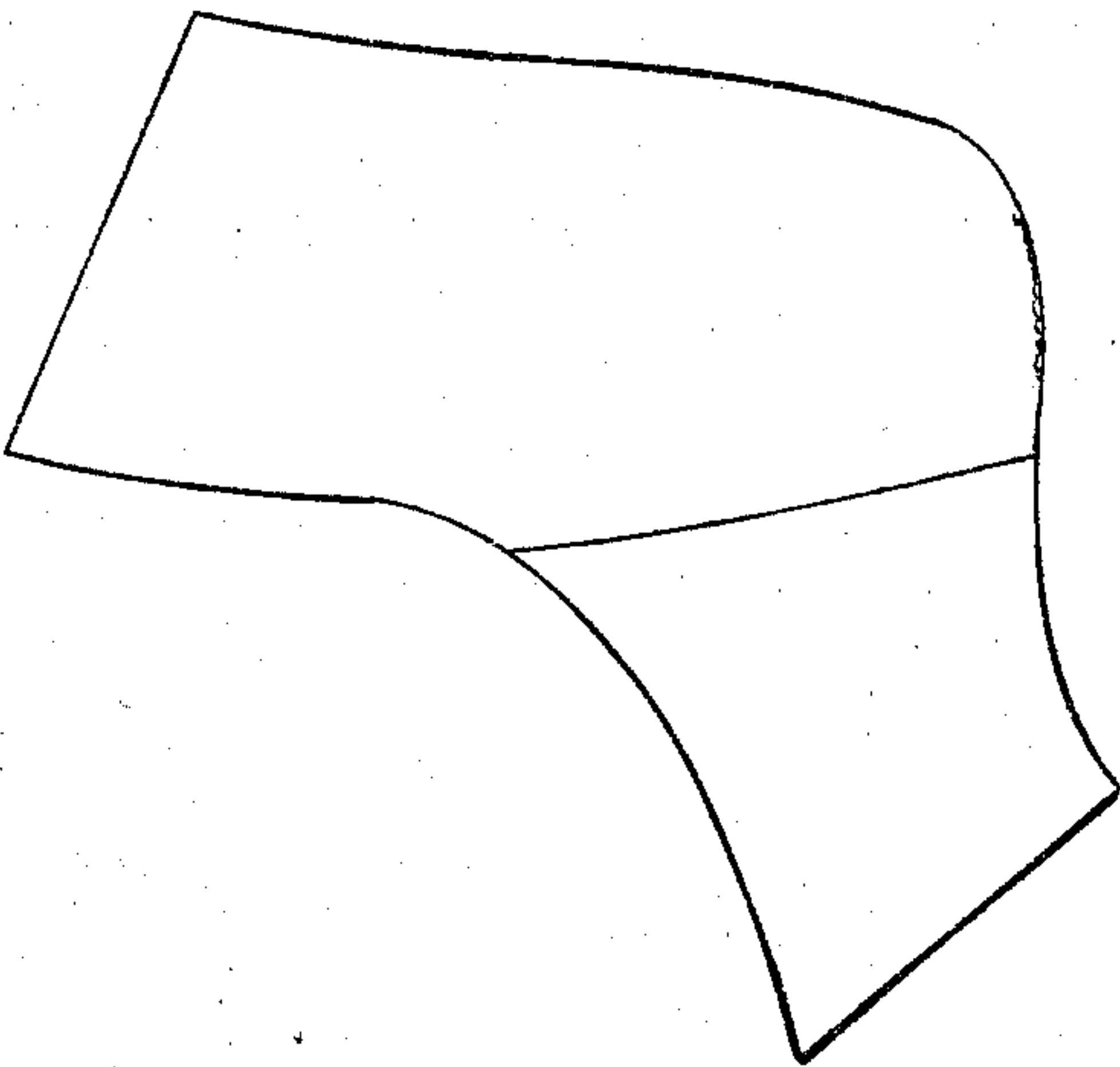


Fig. 2.

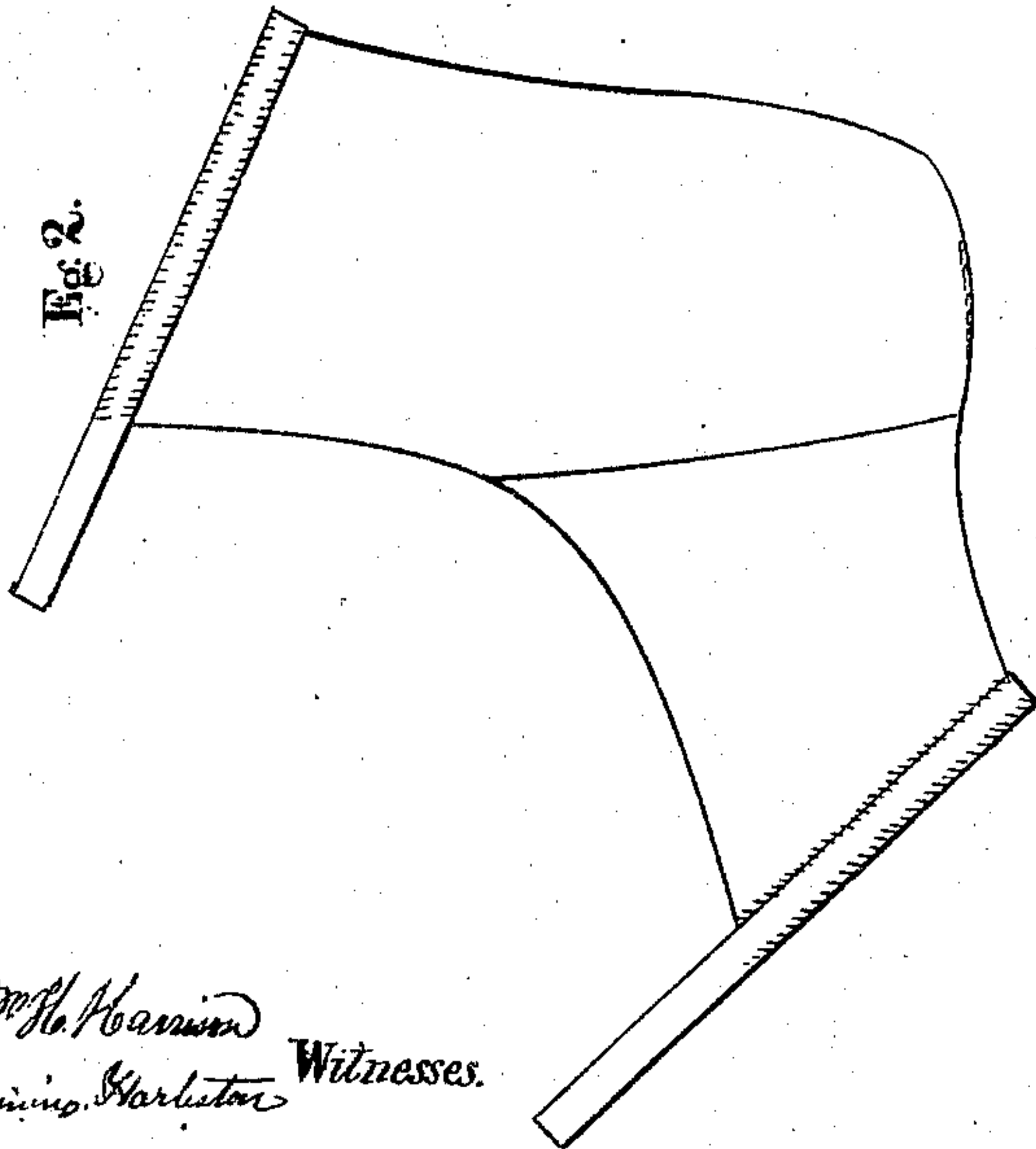


Fig. 3.

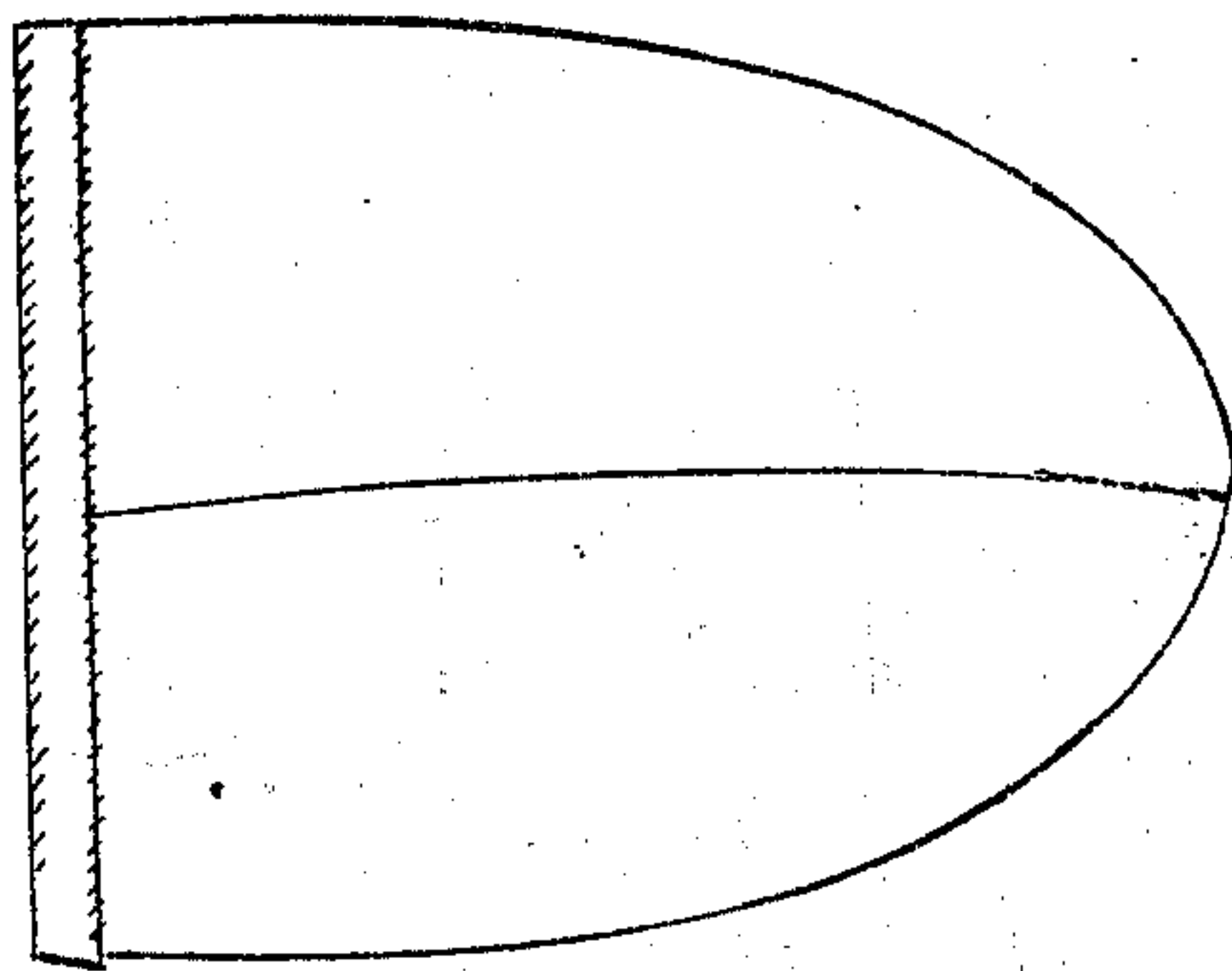
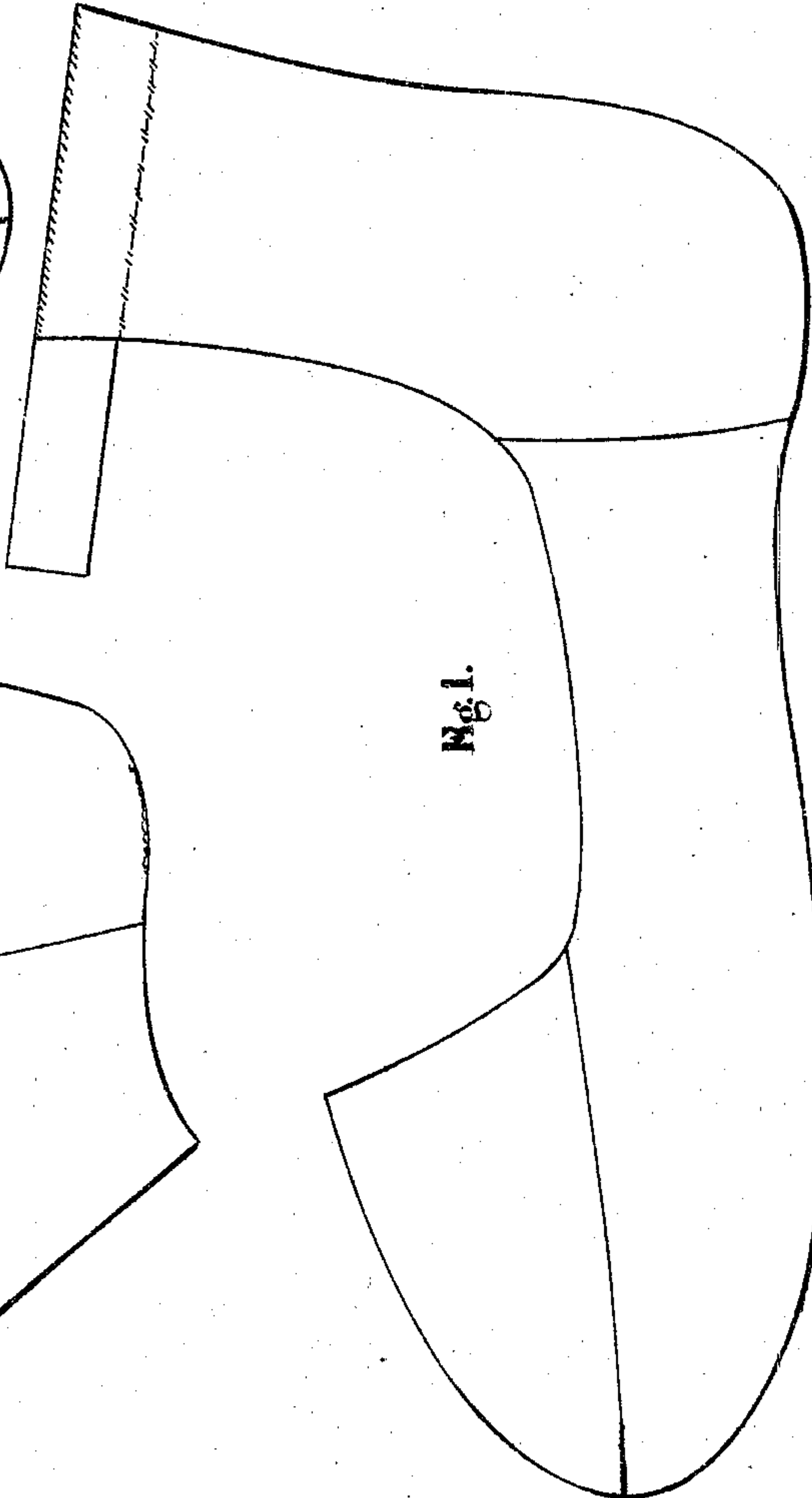


Fig. 1.



*Wm. H. Harmon*  
*G. Virginia, Harbison* Witnesses.

*Inventor. E. Harmon*

# UNITED STATES PATENT OFFICE.

EMANUEL HARMON, OF WASHINGTON, DISTRICT OF COLUMBIA.

## IMPROVEMENT IN STOCKINGS.

Specification forming part of Letters Patent No. **39,569**, dated August 18, 1863; antedated March 1, 1863.

*To all whom it may concern:*

Be it known that I, EMANUEL HARMON, of Washington city, District of Columbia, have invented an Improvement in Stockings; and I do hereby declare that the following is a full, clear, and exact description of the principle and 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 drawings.

My invention consists in the preparation of sacks of woolen or cotton yarn or other material for the heels and toes of stockings, to replace that portion of the ordinary stocking usually first worn out. These I prepare separately as a new manufacture with finished edges, either with or without fastenings by which to attach them to the stockings.

Figures 4 and 5 represent the sacks for the heels and toes without fastenings, and which will have to be sewed to the outworn portions of the stockings for which they are intended. Figs. 2 and 3 represent these sacks with india-rubber bands to attach and hold them to the feet when the stockings are on. Fig. 1 represents these sacks attached to a band designed to cover the bottom of the feet with an india-rubber strap to hold up and secure the heel. The former is designed for general use, the latter for the camp, the fastenings answering as a substitute for the darning-needle.

The great majority of persons wear out their stockings first at the heel and at the toes, as

is well known. Perhaps the legs and the body of a pair of stockings will wear out fully three or four pairs of heels or toes, and where the darning-needle cannot be used this is a great waste of material, and even where the darning-needle may be used it is apt to be neglected so long that the trouble of repairing by that process would more than counterbalance the expense of new heels and toes such as are here provided, which might be sewed on in a few minutes, and thus the expense of a new pair of stockings saved. In the camp, where stockings cannot be repaired in the usual way, the sacks for the heels and toes with the fastening must prove not only a great saving to the Government, but a comfort to the soldiers, who will often wear out, with their rough shoes and incessant marches, the heels and toes of a pair of stockings in a day, or in a few days at least, thus either exposing them to discomforts, if not severe colds, or to the expense of a new pair of stockings,

What I claim, and desire to secure by Letters Patent, as a new article of manufacture, is—

Sections of stockings made as and for the purposes specified.

In testimony whereof I have hereunto signed my name before two subscribing witnesses.

E. HARMON.

Witnesses:

WM. H. HARRISON,  
EDM. F. BROWN.