

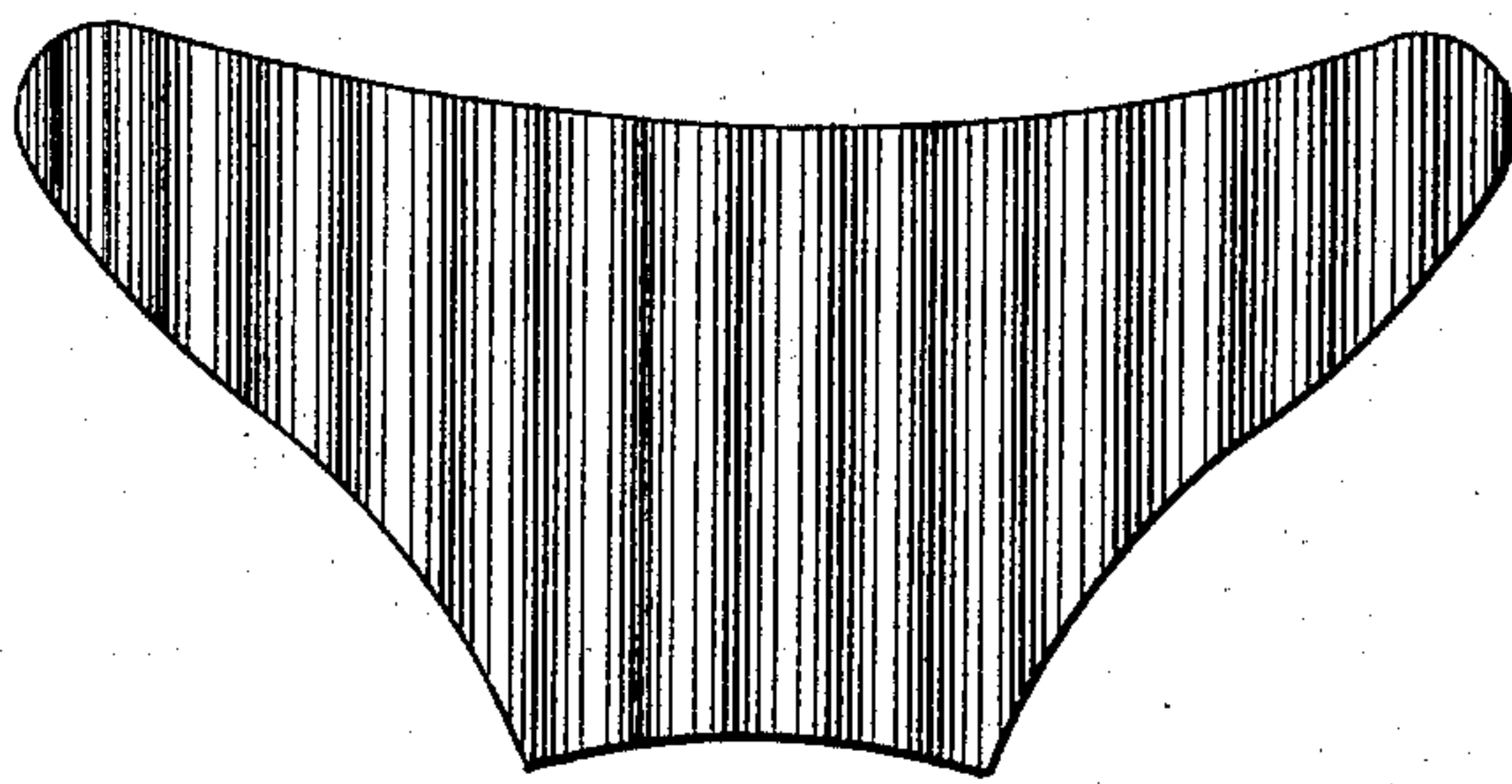
(No Model.)

H. SELVAGE.  
Necktie Shield.

No. 239,347.

Patented March 29, 1881.

*Fig. 1.*



*Fig. 2.*



*Witnesses:*

*Henry Giddings*  
*Allen G. N. Kimbly*

*Inventor*

*Howard Selvage*  
*by J. P. Totch*  
*his atty*

# UNITED STATES PATENT OFFICE.

HOWARD SELVAGE, OF BROOKLYN, ASSIGNOR OF ONE-HALF TO RUFUS  
WATERHOUSE, OF NEW YORK, N. Y.

## NECKTIE-SHIELD.

SPECIFICATION forming part of Letters Patent No. 239,347, dated March 29, 1881.

Application filed February 1, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, HOWARD SELVAGE, of the city of Brooklyn, in the county of Kings and State of New York, am the inventor of  
5 an Improved Necktie-Shield, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of the same.

My invention consists in a necktie or scarf  
10 shield composed of sheet metal, card-board, or other similar material, corrugated or fluted throughout its extent or a portion thereof, the lines or axes of the corrugations or flutes being vertical of the shield—that is to say, extend-  
15 ing in direction between the upper and lower edges thereof—whereby the flexibility flatwise laterally of the shield, and at the same time its rigidity and stiffness edgewise vertically, are increased, as hereinafter at length de-  
20 scribed.

Figure 1 is a face view of a necktie-shield embodying my invention, and Fig. 2 is a top edge view of the same.

In fabricating my improved shield, I take a  
25 sheet of metal, card-board, heavy cloth, or such other similar material as is adapted for the purpose, and which has been given the proper and desired outline for the shield, and I corrugate or flute the same either throughout its  
30 entire extent, as shown in the drawings, or for only a portion of its extent—say, for instance, that portion midway between the ends or wings of the shield. I form these corrugations or flutes so that the lines or axes thereof are ver-  
35 tical of the shield—that is to say, so that they extend in direction between the upper and lower edges of the shield—as shown in Fig. 1. This corrugating or fluting may be done by means of suitably-constructed rolls, between

which the material of the shield is passed, or by any of the known ways of producing these forms.

The shield may be covered on its front side by a strip of the material which is to constitute the stuff of the tie or scarf before the flut-  
45 ing or corrugating is done, if desired, and when stiff cloth or card-board is used the material may be caused to adhere thereto by glue, paste, or other suitable adhesive substance. If the material is secured to the shield after  
50 the shield is fluted, it should be allowed to lie somewhat loosely on the front of the shield, so that the flatwise flexibility of the shield will not be thereby obstructed.

It is evident that a shield thus formed with  
55 corrugations or flutes throughout the entire or a portion of its extent, and with the lines or axes thereof vertical of the shield, will have its flexibility flatwise laterally, and its rigidity edgewise vertically, increased, both of which  
60 results are exceedingly desirable.

What I claim as my invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, a necktie or scarf shield of stiff material corrugated or  
65 fluted throughout the entire or a portion of its extent, the lines or axes of said corrugations or flutes being vertical—that is to say, extend-  
ing in direction between the upper and lower edges thereof—as and for the purpose speci-  
70 fied.

In witness whereof I have hereunto set my hand this 31st day of January, A. D. 1881.

HOWARD SELVAGE.

In presence of—

A. G. N. VERMILYE,  
HENRY EIDLING.