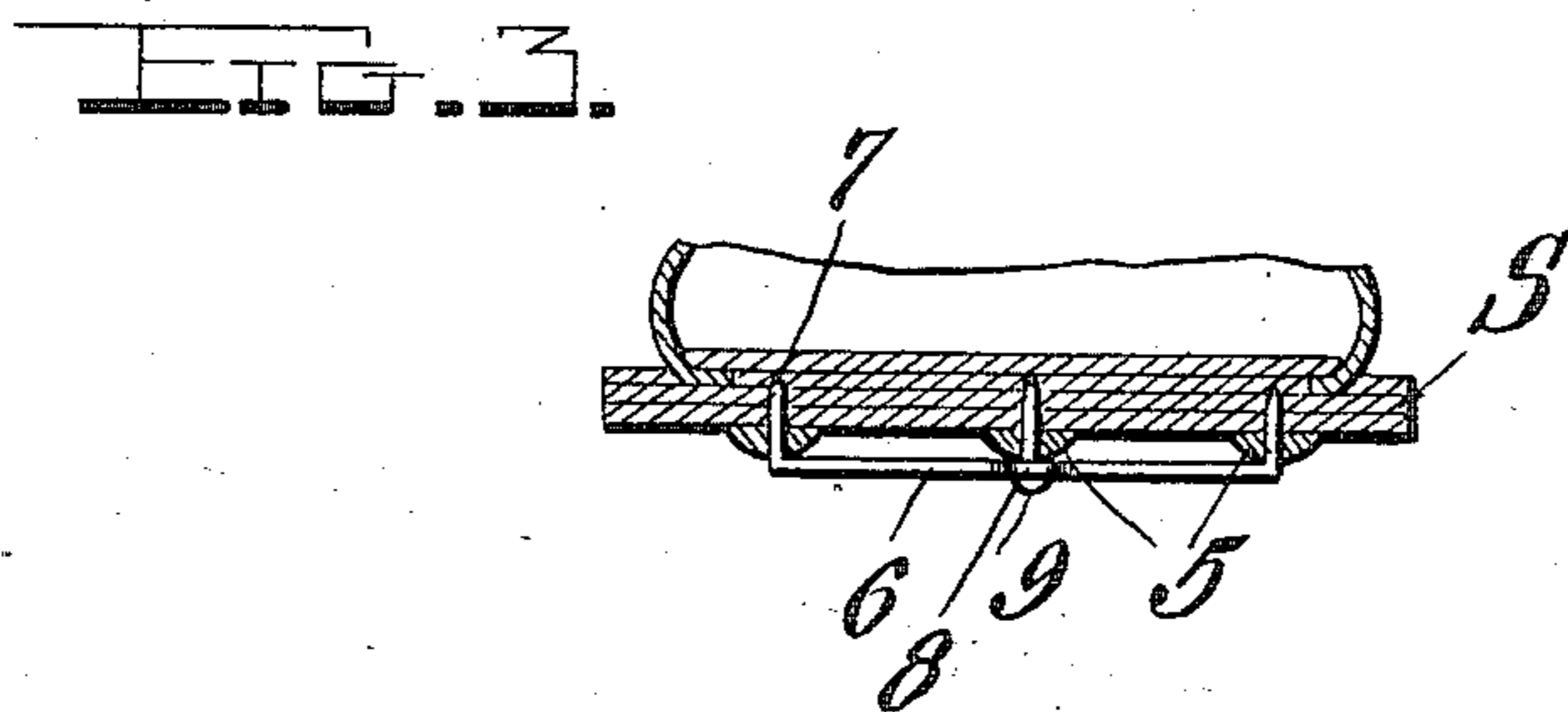
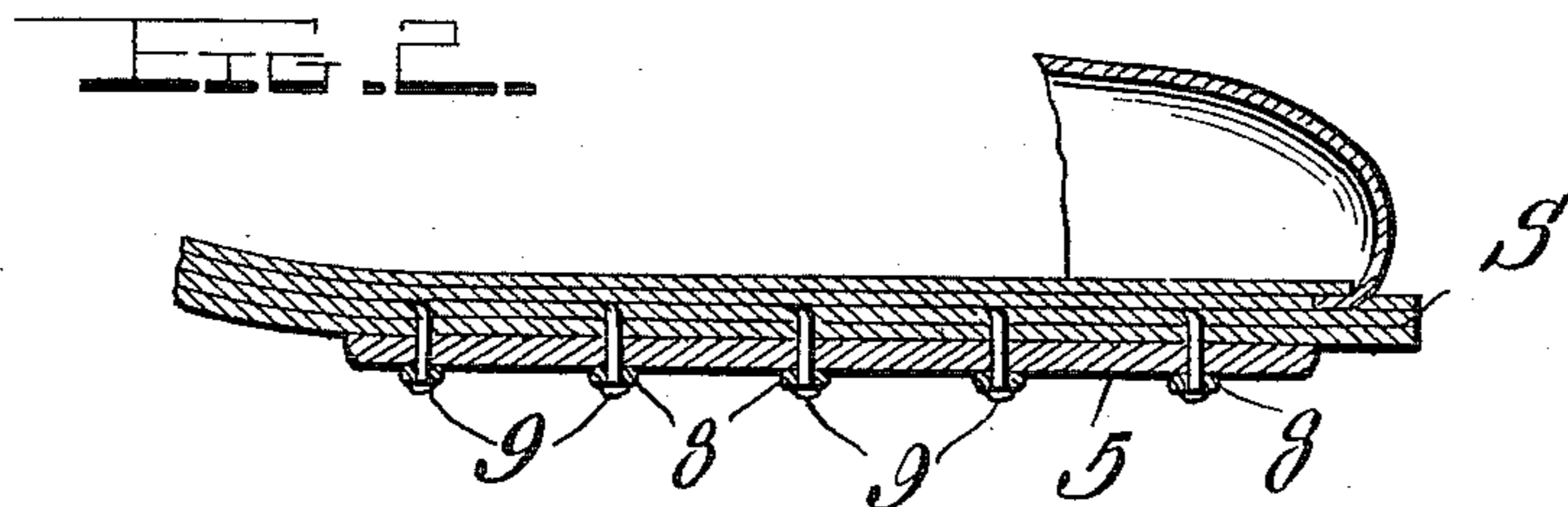
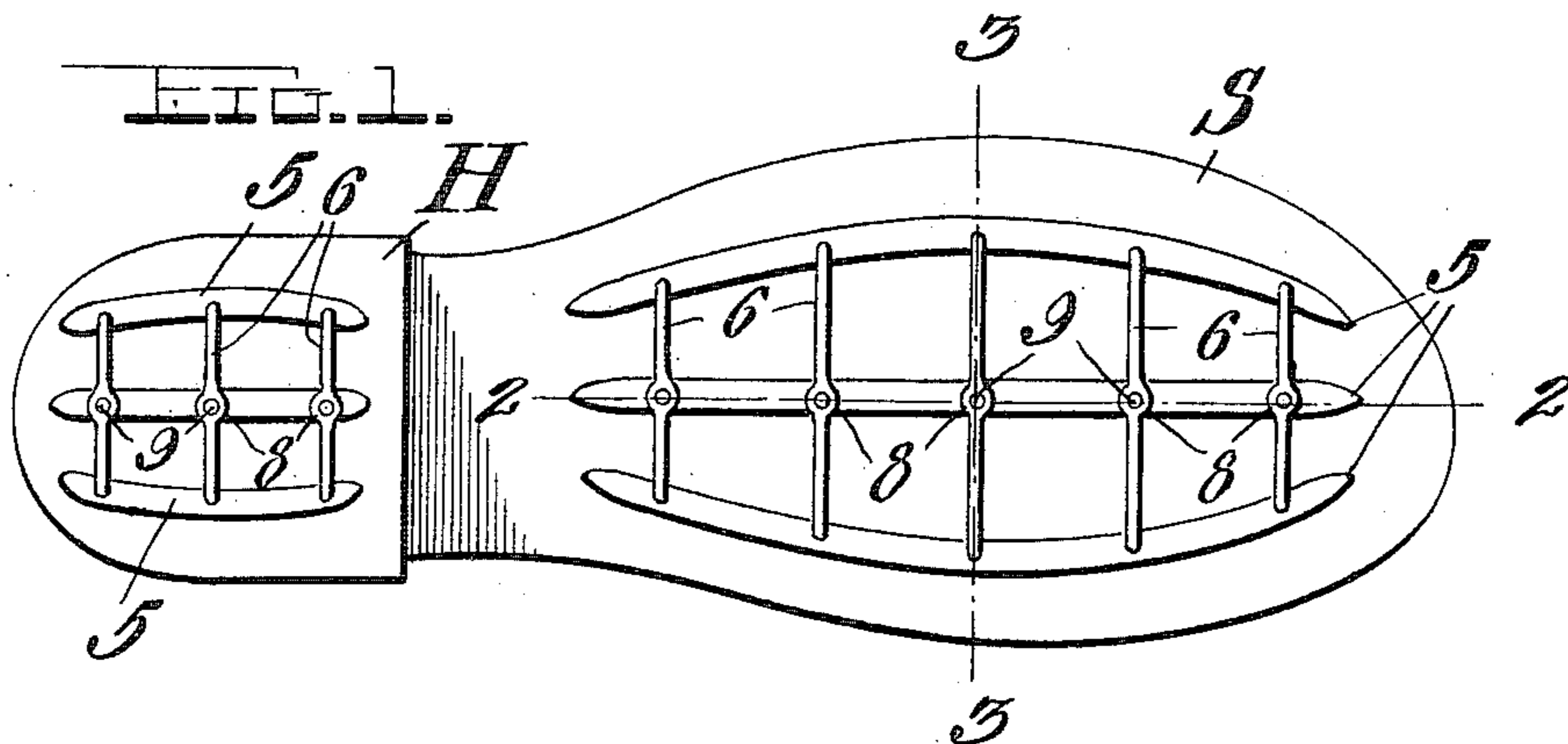


F. X. MAHER.
SHOE PROTECTING DEVICE.
APPLICATION FILED MAR. 11, 1911.

994,593.

Patented June 6, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

FRANCIS XAVIER MAHER, OF NEW YORK, N. Y.

SHOE-PROTECTING DEVICE.

994,593.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed March 11, 1911. Serial No. 613,701.

To all whom it may concern:

Be it known that I, FRANCIS X. MAHER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Shoe-Protecting Devices, of which the following is a specification, reference being had to the accompanying drawing.

This invention relates to protecting devices for shoes and has for its object to provide a simple and novel device for protecting the soles and heels of boots and shoes to increase the wear of the same.

Another object of the invention resides in the provision of a device of the above character which is extremely simple in form and construction and may be easily and quickly applied to the shoe without the necessity of resorting to skilled labor.

A further object of the invention resides in the provision of a protecting device for the soles and heels of shoes consisting of a plurality of leather strips and a plurality of transverse flexible, connecting wires uniting said strips, the ends of the wires extending through the outer strips and being pointed or sharpened to pierce the sole or heel, the central portion of the connecting wires being perforated to receive shoe nails for securing the central strip to the shoe.

Still another object of the invention is to provide a device of the above described character which is extremely simple, efficient in use and which may be manufactured at a very low cost.

With the above and other objects in view, the invention consists of the novel features of construction, combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawing, in which—

Figure 1 is a bottom plan view of a shoe, showing my improved protecting devices secured thereto; Fig. 2 is a longitudinal section taken on the line 2—2 of Fig. 1; Fig. 3 is a section taken on the line 3—3 of Fig. 1.

Referring in detail to the drawing S designates the sole and H the heel of a boot or shoe upon which my improved protecting device is adapted to be arranged.

The attachment consists of three strips of leather 5 of suitable thickness, the outer strips being curved and disposed substantially parallel to the longitudinal edges of the sole, and the central strip being straight.

The strips are adapted to be arranged upon the heel of the shoe in substantially the same manner and the manner of connecting and fastening the strips in position is also similar in both instances. These strips are connected by means of the transverse flexible wires 6. The ends of these wires extend through the outermost strips 5 and are pointed or sharpened as shown at 7 to pierce the sole of the shoe whereby said outer strips are firmly secured thereto. The central portion of each of the wires 6 is enlarged as indicated at 8 and perforated to receive a shoe nail 9. These nails extend through the central wear strip 5 and secure the same to the shoe in a like manner to the outer strips and also firmly fix the central portions of the connecting wires 6 in position. In this manner the leather strips or fingers are securely retained in their relative positions on the sole or heel of the shoe and it will be obvious that wear upon the sole and heel is to a great extent eliminated, thus materially lengthening the period of usefulness of the shoe.

From the foregoing it is believed that the construction and arrangement of my improved shoe protecting device will be readily understood. The same is very simple and may be manufactured at an extremely low cost. It will also be obvious that the device may be easily and quickly arranged upon the shoe without requiring the services of an experienced shoemaker.

While I have shown and described the preferred construction and arrangement of my device, it will be understood that the same is susceptible of considerable modification without departing from the essential feature or sacrificing any of the advantages thereof.

Having thus described the invention what is claimed is:—

1. The combination with a shoe, of a plurality of longitudinal strips of leather adapted to be arranged upon the sole thereof, and flexible connections between said leather strips adapted to pierce the sole of the shoe and retain said strips thereon.

2. The combination with a shoe, of a plurality of leather strips adapted to be arranged longitudinally upon the shoe sole, and a plurality of transverse flexible connections between said strips adapted to pierce the shoe sole to secure the strips thereon.

3. The combination with a shoe, of a plurality of longitudinally disposed leather strips arranged upon the sole of the shoe, a plurality of connecting wires having their
5 ends extended through the outermost leather strips and adapted to pierce the shoe sole to secure the strips thereon, and means for fastening the wires to the central leather strip and also fastening said strip to the shoe sole.
- 10 4. The combination with a shoe, of a plurality of leather strips adapted to be arranged longitudinally upon the shoe sole, a plurality of transverse flexible connecting wires having their ends bent at right angles
15 and disposed through the outermost strips,

the ends of said wires being sharpened to pierce the shoe sole, the central portions of said wires being perforated and disposed upon the central leather strip, and securing devices disposed through the perforations
20 of said wires and through said leather strip adapted to pierce the sole to secure the central strip thereon.

In testimony whereof I hereunto affix my signature in the presence of two witnesses. 25

FRANCIS XAVIER MAHER.

Witnesses:

CLARENCE R. JOHNSON,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
