

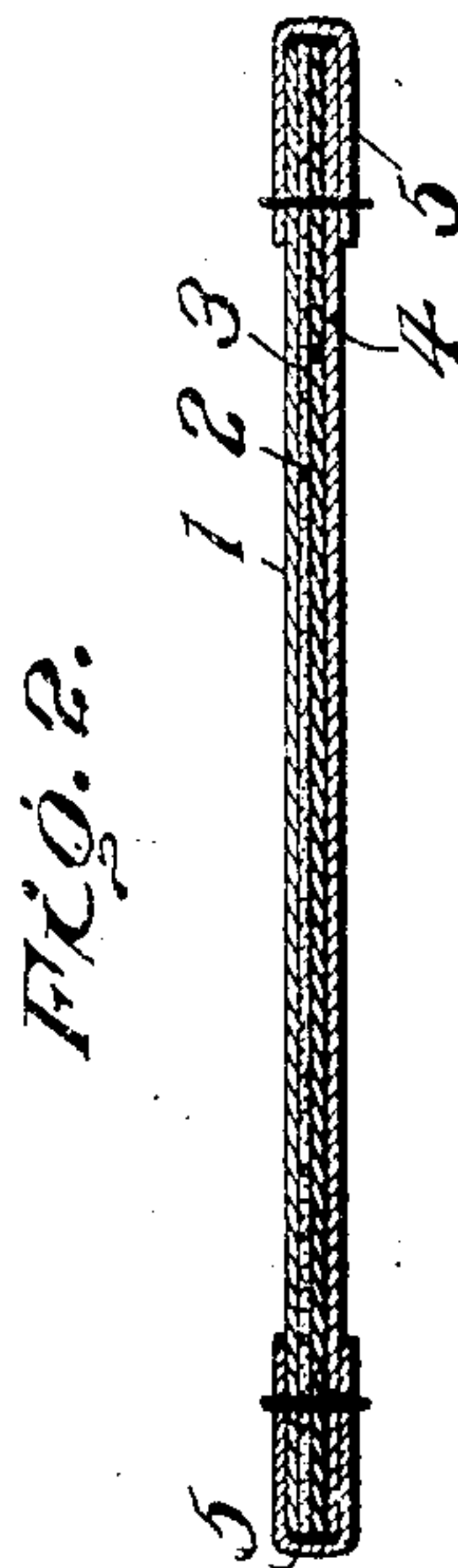
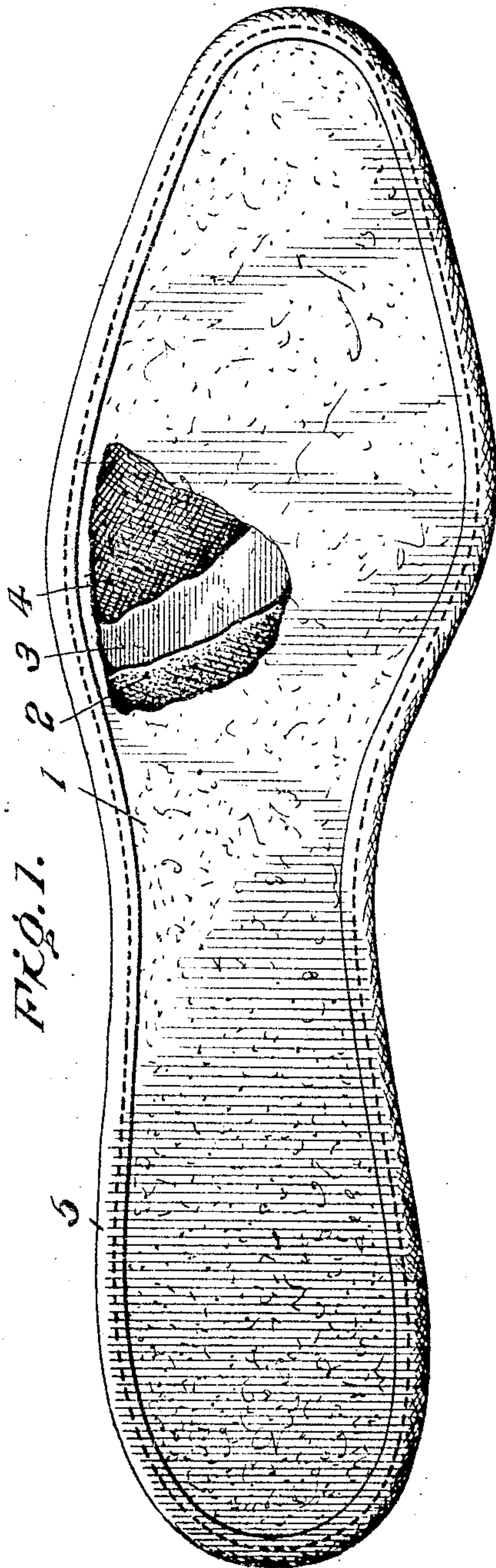
No. 871,891.

PATENTED NOV. 26, 1907.

H. H. ROOSA.

INSOLE.

APPLICATION FILED FEB. 15, 1907.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

HERBERT H. ROOSA, OF LINCOLN, NEBRASKA.

INSOLE.

No. 871,891.

Specification of Letters Patent.

Patented Nov. 26, 1907.

Application filed February 15, 1907, Serial No. 357,492.

To all whom it may concern:

Be it known that I, HERBERT H. ROOSA, citizen of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Insoles, of which the following is a specification.

My invention relates to certain new and useful improvements in insoles and the object of my invention is to produce an insole which will protect the foot when walking upon very hot or very cold surfaces.

My invention also provides an insole which is water proof and will consequently keep the sole of the foot dry even though the sole of the shoe of the wearer is wet through.

With these objects in view my invention consists in certain constructions and arrangements of parts, the preferred form of which will be first described in connection with the accompanying drawing and then the invention particularly pointed out in the claims.

Referring to the drawings wherein the same part is designated by the same reference numeral wherever it occurs, Figure 1 is a plan view with the layers successively broken away to show the interior construction of my insole. Fig. 2 is an enlarged cross-section.

1 designates a sheet of cotton flannel or similar material and which forms the top layer of the insole. 2 designates a sheet of asbestos which forms the second layer of the insole. This asbestos because of its being a non-conductor effectively protects the foot of the wearer from the effect of both heat and cold.

3 designates a layer of water-proof tag board or similar material which underlies the sheet of asbestos and 4 designates the sheet of muslin which forms the under surface of the insole and covers the tag board and protects the same from wear, the muslin resting against the inside of the sole of the shoe.

5 designates the ordinary binding tape by which the parts of the insole are held together. This tape is secured to the top of the insole by the ordinary stitching or in any other suitable manner.

From the above construction, it will be seen that the asbestos sheet acts to protect the foot of the wearer which rests upon the sheet of cotton flannel from the changes in temperature due to its being practically a non-conductor of heat and cold. The sheet of water-proof board or similar material renders the insole water-proof, and if water or other moisture should soak through the sole of the shoe of the wearer, it would be prevented from affecting the foot of the wearer by means of the water proof board. The sheet of muslin which underlies the water-proof board acts to protect the same and prevent its wearing by coming in contact with the interior of the shoe.

It will be seen that by the above described construction I have produced an insole which is simple in construction, cheap to manufacture, and one which will be very beneficial to the wearer by protecting him from the heat or cold of the pavement or floor upon which he may have to stand or walk.

While I have described what I believe to be the preferred form of my invention, I desire to have it understood that many changes may be made in the form, construction and arrangement of parts without departing from the spirit of my invention.

What I claim as new and desire to secure by Letters Patent is

As a new article of manufacture, an insole for boots or shoes composed of an upper thickness of flannel, a thickness of asbestos immediately beneath the flannel, a thickness of water-proof tag-board immediately beneath the asbestos, and a thickness of muslin covering the under side of the tag-board, the thicknesses being united together at their edges by a binding tape overlapping the same with its edges stitched together through the thicknesses of material.

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

HERBERT H. ROOSA.

Witnesses:

WALTER L. ANDERSON,
MARIE GUNNERSON.