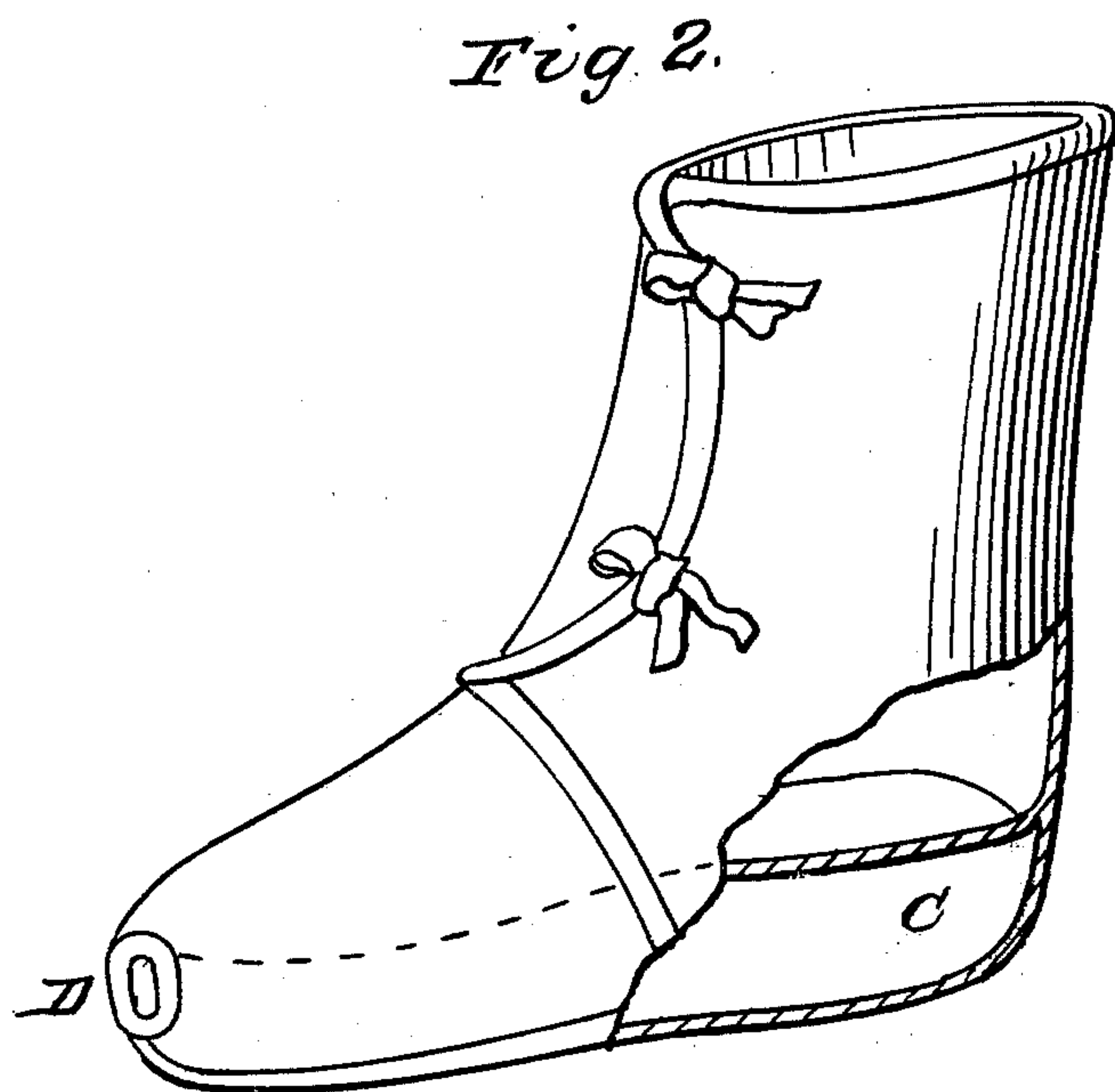
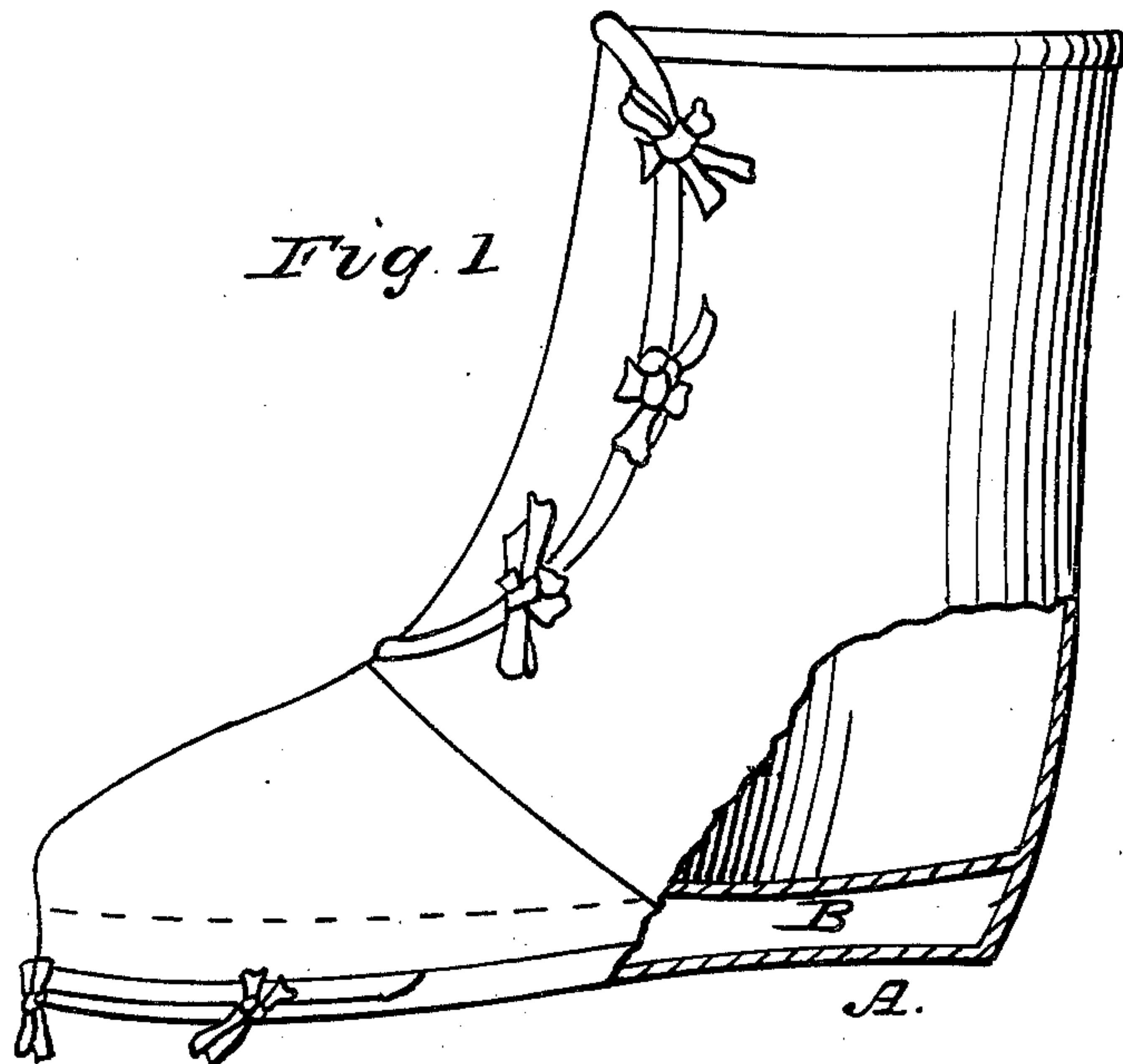


W. ROGERS.

Heating Shoe.

No. 90,197.

Patented May 18, 1869.



Witnesses  
Geo. F. Brooks  
& Grace Collins

Inventor  
W. Rogers  
per *Mumford*  
Attorneys

# United States Patent Office.

WILLIAM ROGERS, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF  
AND O. S. PAINE, OF SAME PLACE.

*Letters Patent No. 90,197, dated May 18, 1869.*

## IMPROVED HEATING-SHOE.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, WILLIAM ROGERS, of New York, in the county of New York, and State of New York, have invented a new and useful Improvement in Heating-Shoes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to a new and useful device for keeping the feet of invalids and others warm, more especially designed to be used by patients in sick-rooms and hospitals; and

The invention consists in making a boot, shoe, or sock of any suitable material, as felt or woollen fabric, with a pocket or compartment in its under side or beneath the foot when the shoe is worn, in which pocket or compartment may be placed any heat-retaining material, as stone, wood, metal, or composition in the form of a block or blocks, or any heated substance, as salt or bran, or any heated liquid, the pocket or compartment, in the latter case, being made of rubber or water-tight, with a tight stopper thereto, or the liquid may be contained in a metallic or glass vessel, which may be used instead of the block, as first stated, in which case an India-rubber or water-tight compartment would not be required.

My principal object is to provide means for keeping the feet of sick patients warm by attaching the warming-medium thereto, so that its effect may be felt at all times, though the patient be restless and uneasy.

Being by occupation a nurse, I have seen the necessity on frequent occasions of applying artificial warmth to the feet in order to preserve life, and have frequently been baffled in my attempts, by reason of the impossibility of keeping the feet of the patient in contact with any loose heating or warming-medium.

In the accompanying sheet of drawings—

Figure 1 represents a shoe or boot with the pocket or compartment beneath its bottom containing a block of any suitable description.

Figure 2 represents a shoe with a compartment made of rubber, (or water-tight,) the figures being broken away so as to show both methods.

Similar letters of reference indicate corresponding parts.

A represents the compartment in fig. 1, which contains the block B.

C represents the water-tight compartment in fig. 2.

D is the aperture through which the liquid may be introduced, which aperture should be tightly corked when the shoe is in use.

The block B may be introduced in any convenient manner, either at the toe or heel-end, the orifice being provided with lacing-strings for tightly closing it when the shoe is in use.

The heated substance is protected by felting or similar material, so that the heat will be retained for many hours; but the heating-medium, whether liquid or solid, may be renewed as often as may be required.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent, as a new manufacture—

A shoe, boot, or sock, provided with a pocket or compartment for containing any heating-material or substance, substantially as and for the purposes herein shown and described.

The above specification of my invention, signed by me, this 5th day of February, 1869.

WILLIAM ROGERS.

Witnesses:

FRANK BLOCKLEY,  
ALEX. F. ROBERTS.