

(No Model.)

W. H. DAVIS & A. A. HAWLEY.
STOCKING, SOCK, AND SLIPPER.

No. 287,807.

Patented Nov. 6, 1883.

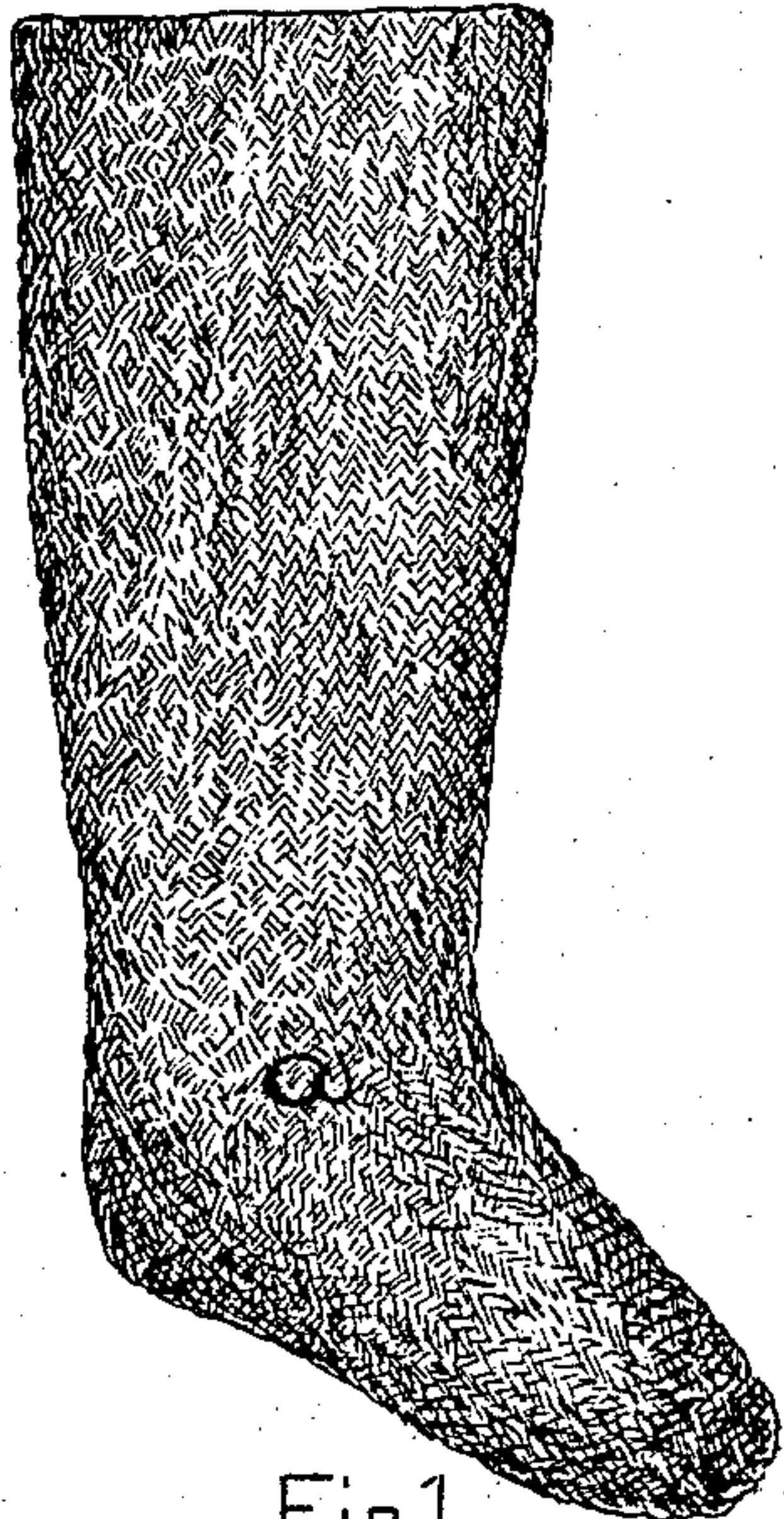


Fig. 1.

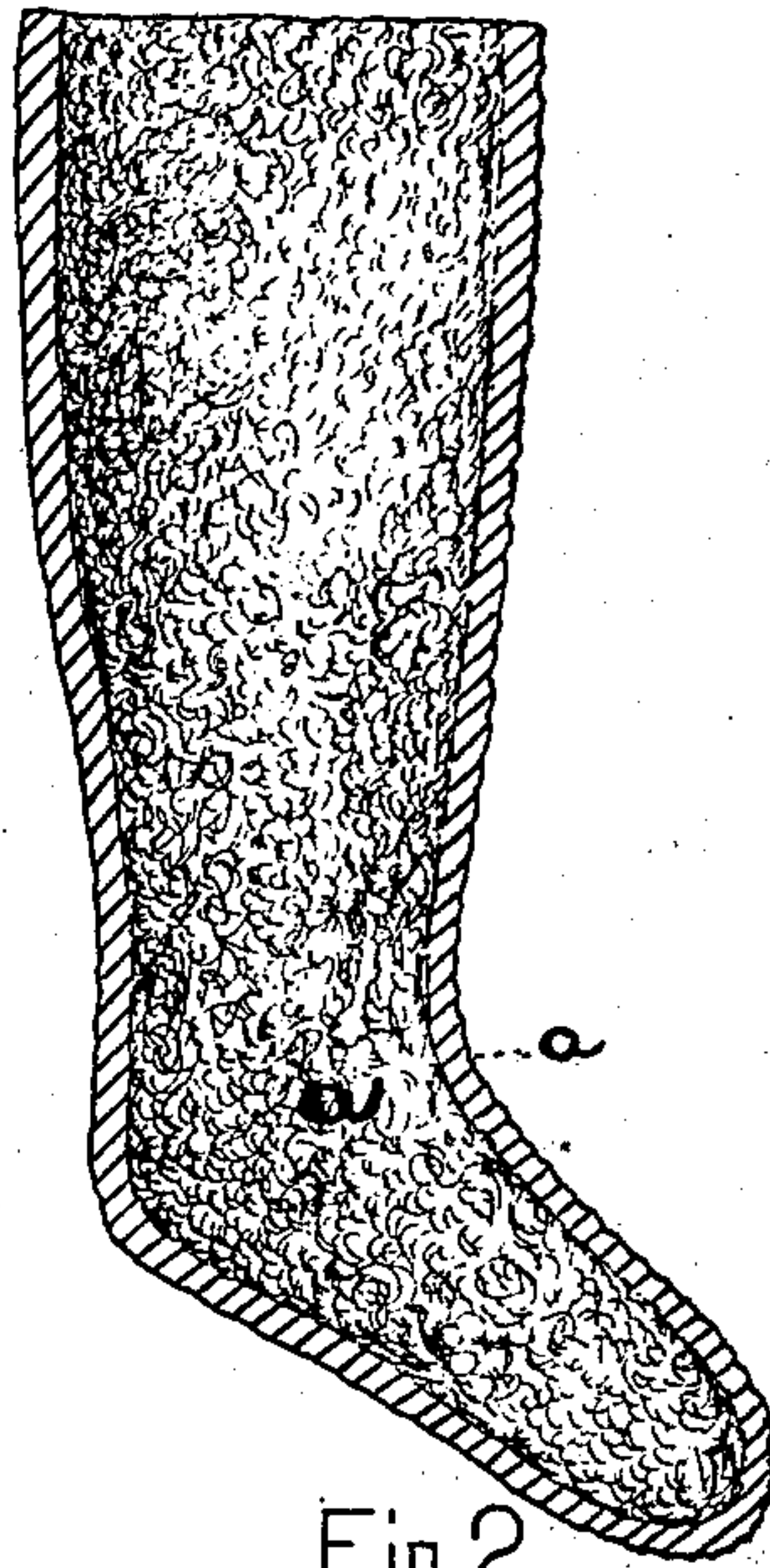


Fig. 2.

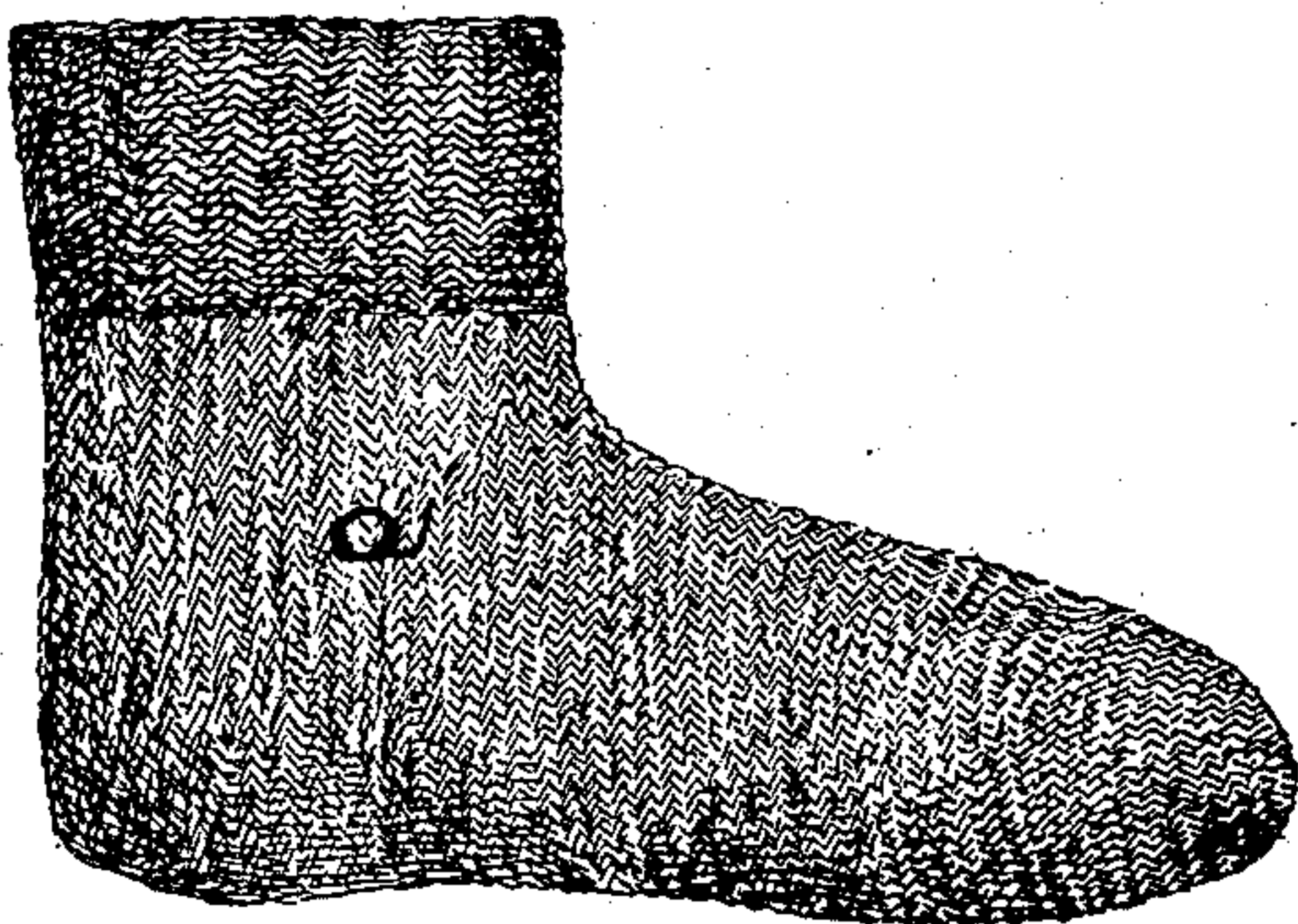


Fig. 3.

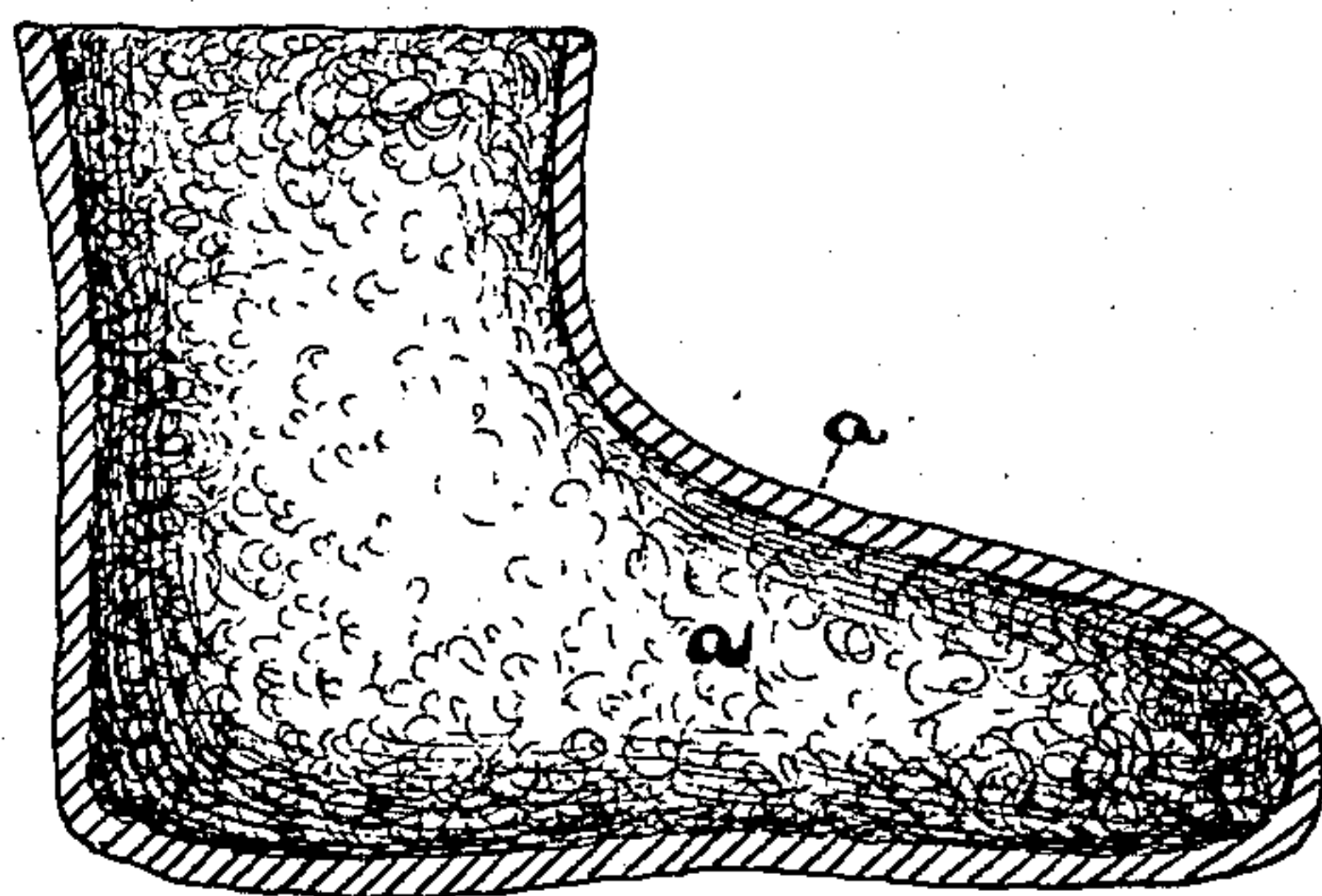


Fig. 4.

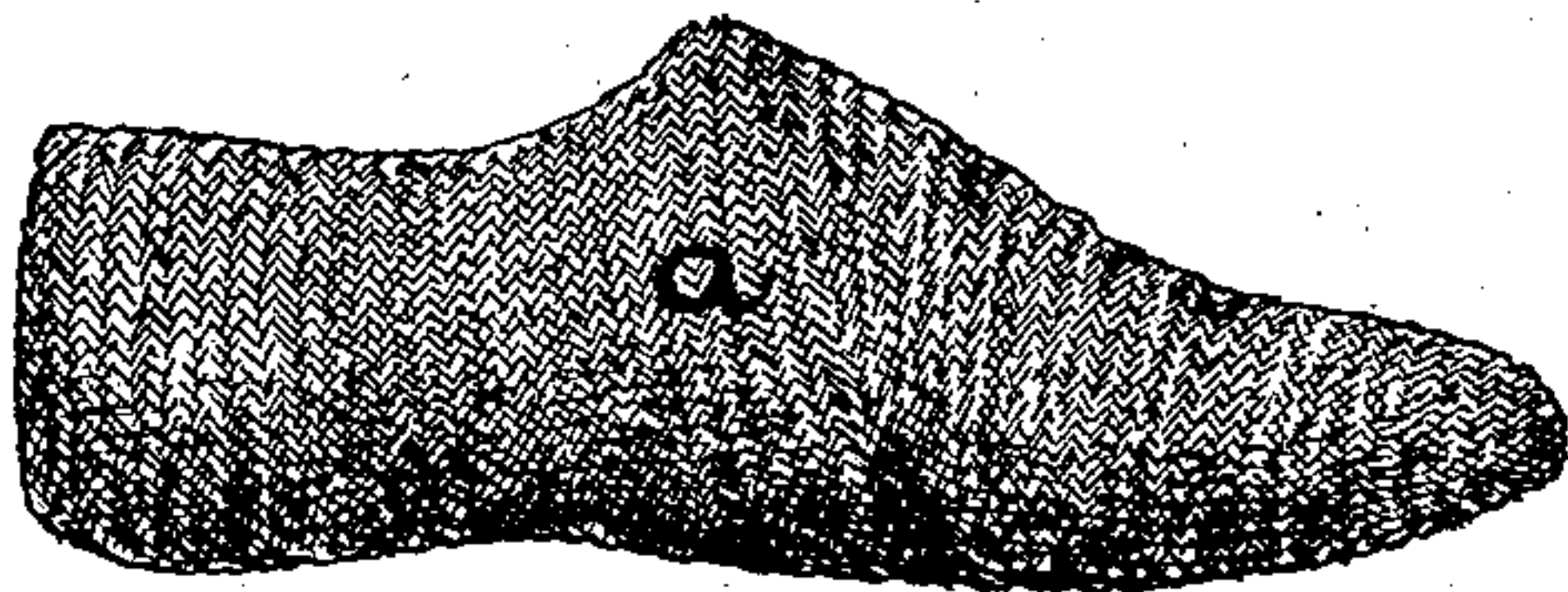


Fig. 5.

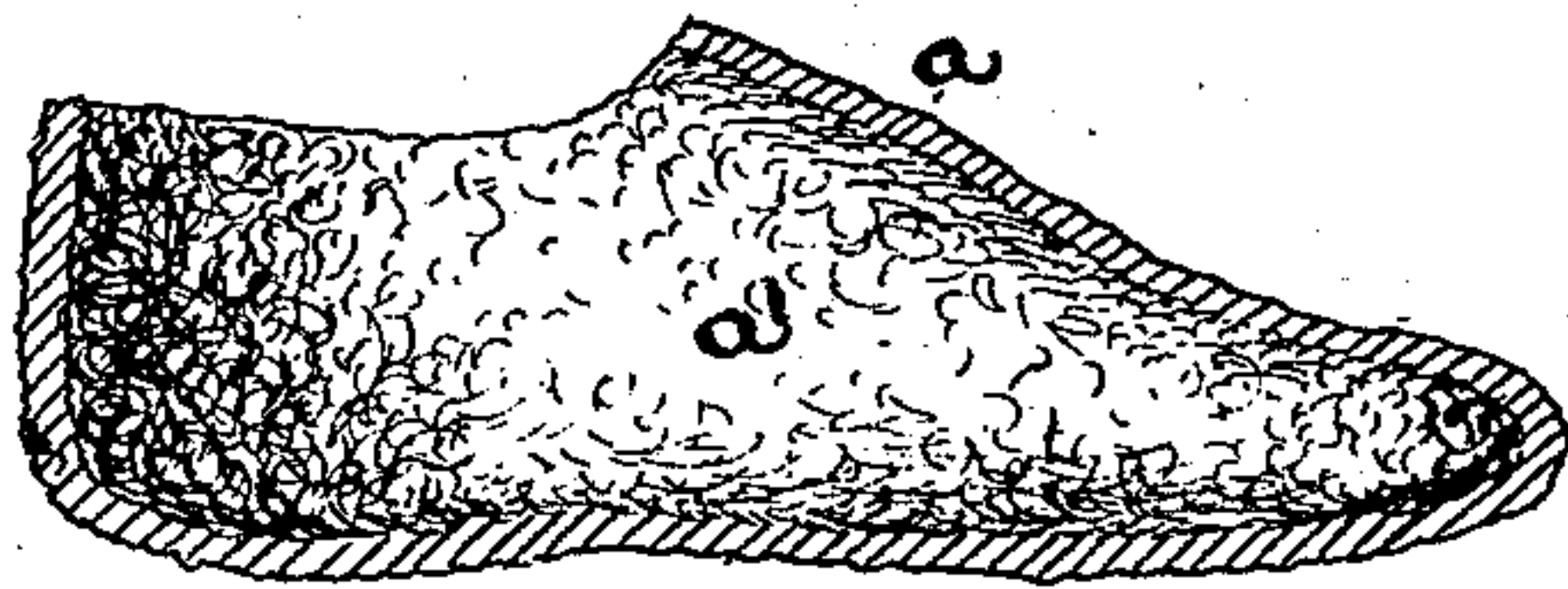


Fig. 6.

Witnesses:
Fred. L. Houghton
S. C. Ham

Inventor
Alfred A. Hawley -
William H. Davis
by Ch. Houghton atty

UNITED STATES PATENT OFFICE.

WILBUR H. DAVIS, OF LYNN, MASSACHUSETTS, AND ALFRED A. HAWLEY,
OF BALTIMORE, MARYLAND, ASSIGNORS TO THE MERINO SHOE COM-
PANY, OF BOSTON, MASSACHUSETTS.

STOCKING, SOCK, AND SLIPPER.

SPECIFICATION forming part of Letters Patent No. 287,807, dated November 6, 1883.

Application filed May 21, 1883. (No model.)

To all whom it may concern:

Be it known that we, WILBUR H. DAVIS, of
Lynn, in the county of Essex and State of
Massachusetts, and ALFRED A. HAWLEY, of
5 Baltimore, in the county of Baltimore, in the
State of Maryland, have jointly invented a
new and useful Improvement in Stockings,
Socks, and Slippers or Shoes, of which the fol-
lowing is a specification.

10 Our invention relates to stockings, socks,
and slippers made of wool fiber, the object of
it being to increase the thickness of the fab-
ric constituting the stocking, sock, or slip-
per; and thus make them warmer and more
15 serviceable; and it consists in a woolen stock-
ing, sock, or slipper of knitted or woven fab-
ric, having upon the inner surface a layer of
wool affixed by rubbing, in the usual manner
of hardening or felting wool.

20 To make our improved stocking, we make
up a stocking of woolen yarn very loosely
knitted or woven, and much larger than it
will be when finished, but in proper form for
a finished stocking. We then cover the in-
25 side of the stocking with a layer of soft wool
of uniform thickness. This is done by card-
ing flat bats of wool of suitable quality and
thickness, and then tearing or cutting from
the bat pieces of a size and form to cover the
30 whole inside of the stocking. To apply the
wool to the stocking, it is turned wrong side
out. The wool is then laid on so as to cover
the whole surface. It is then hardened in a
jigger or by other suitable means, by which
35 the fiber of the layer of wool is incorporated,
to some extent, with that of the knitted or
woven stocking, and is thereby affixed to the
knitted or woven fabric. The stocking, with
the wool on it, is then submitted to the full-
40 ing or milling process, by which the stocking
is shrunk to the proper size, and the wool
layer becomes so incorporated with the knitted
fabric that it is integral with it, and the knitted

or woven part has the appearance of felted
goods. It is obvious that such a coating of 45
wool may be affixed on both the inner and
outer surface of the stocking, if it is desirable
to do so. A sock, slipper, or shoe is made in
the same way. After the felting process is
completed, the surface may be finished by 50
teaseling, or in any other suitable manner.

In the drawings annexed, Figures 1 and 2
show a perspective of our improved stock-
ings and a section of the same. Figs. 3 and 4
show a sock and a section of the same. Figs. 55
5 and 6 show a slipper, and a section of the
same.

a indicates the knitted or woven fabric.

a' indicates the layer of wool affixed to the
knitted or woven fabric. 60

Any loosely woven or knitted wool fabric
may have a layer of wool added to and incor-
porated with it in the manner described.

We claim as new and our invention—

1. The above-described improved stocking, 65
consisting of a knitted or woven wool fabric
with a layer of wool added to and made inte-
gral with it, substantially as described.

2. A sock consisting of a knitted or woven
woolen fabric with a layer of wool added to 70
and made integral with it, substantially as
described.

3. A slipper or shoe consisting of a knitted
or woolen fabric with a layer of wool added
to it and made integral with it, substantially 75
as described.

4. A layer of woven or knitted woolen fab-
ric and a layer of wool of uniform thickness
incorporated together and made integral by
felting and fulling, substantially as described. 80

WILBUR H. DAVIS.
ALFRED A. HAWLEY.

Witnesses:

FREDK. L. HOUGHTON,
CHS. HOUGHTON.