

(No Model.)

H. C. HART.
BOOT OR SHOE HEEL.

No. 376,987.

Patented Jan. 24, 1888.

Fig. 1

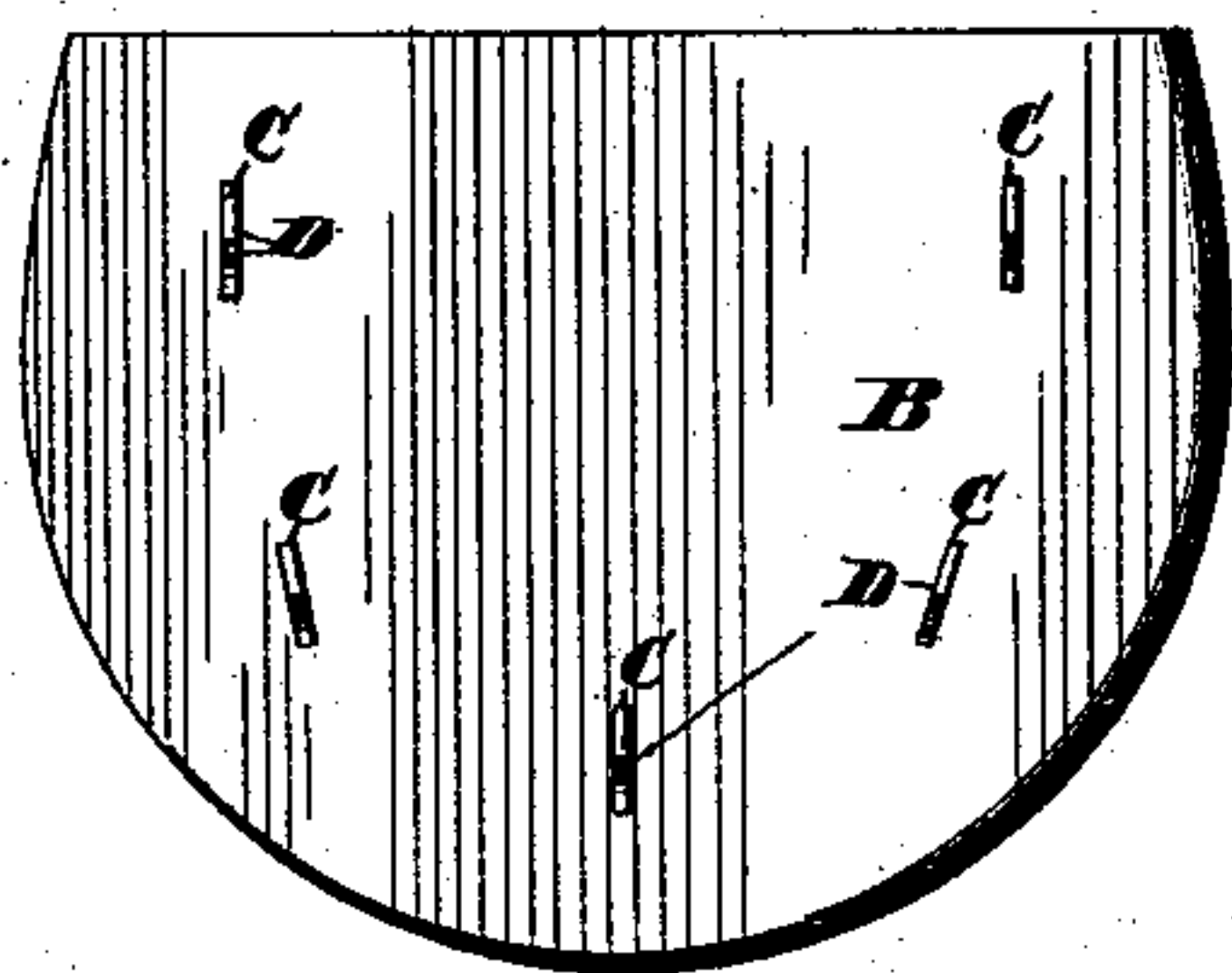


Fig. 2.

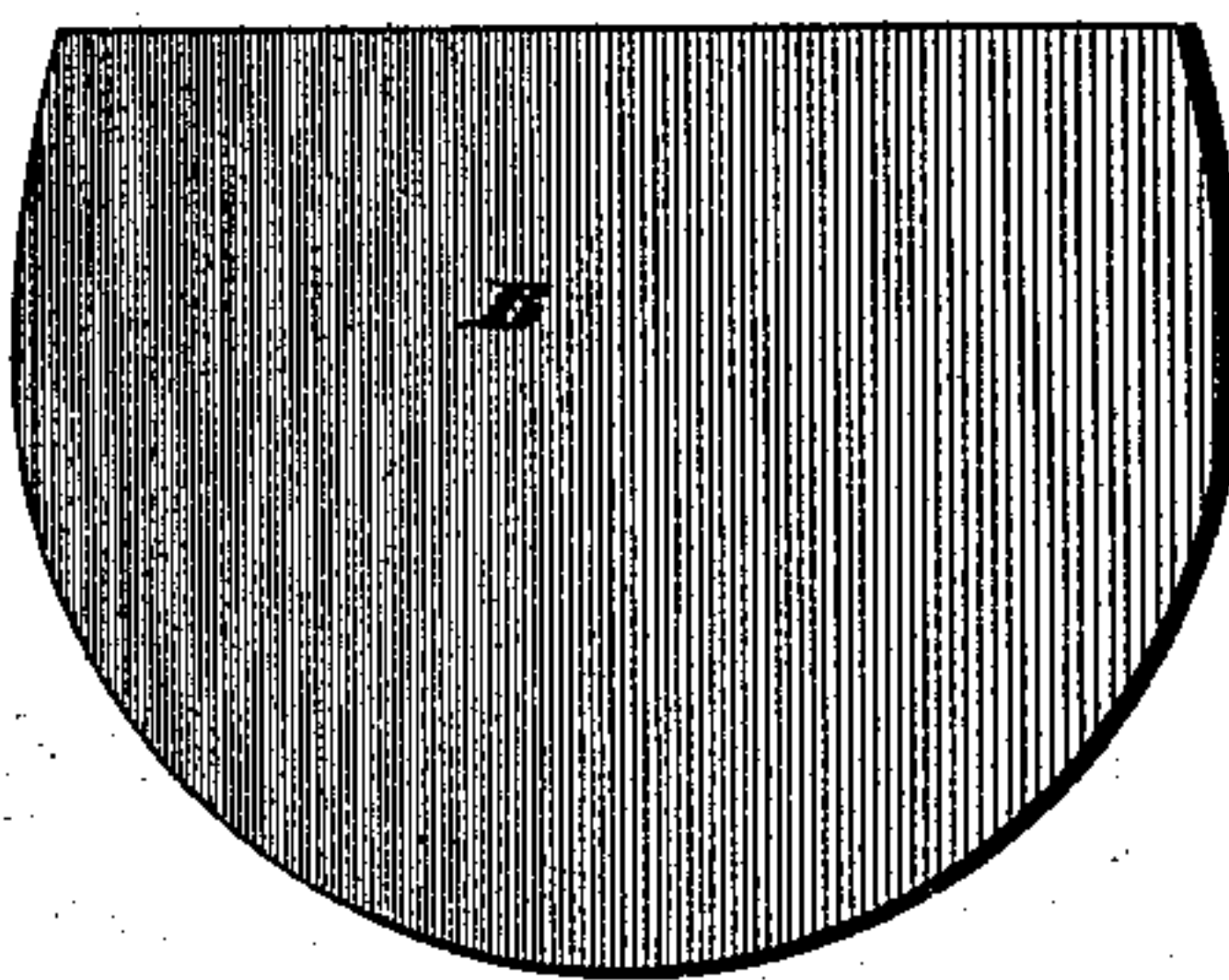
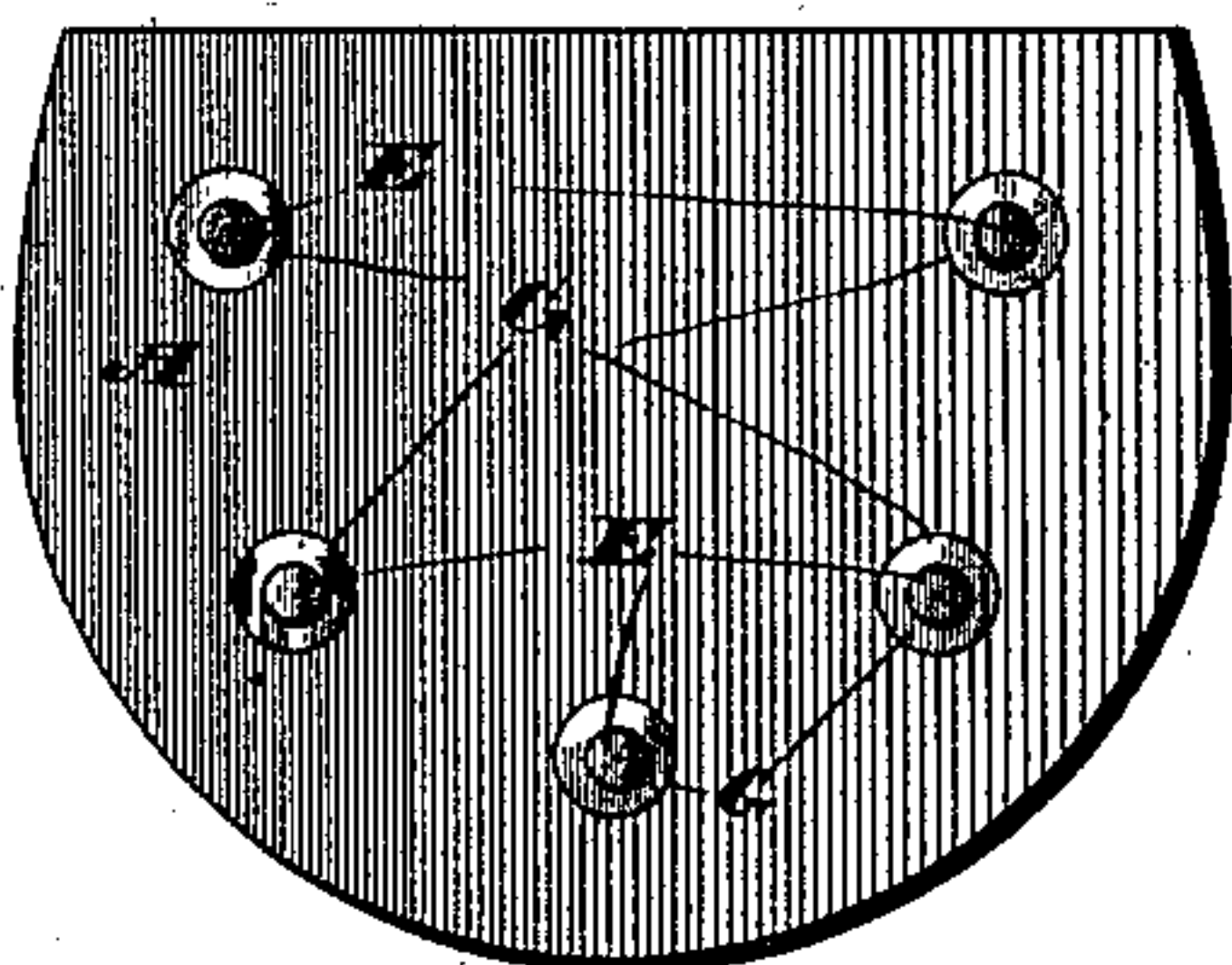


Fig. 3

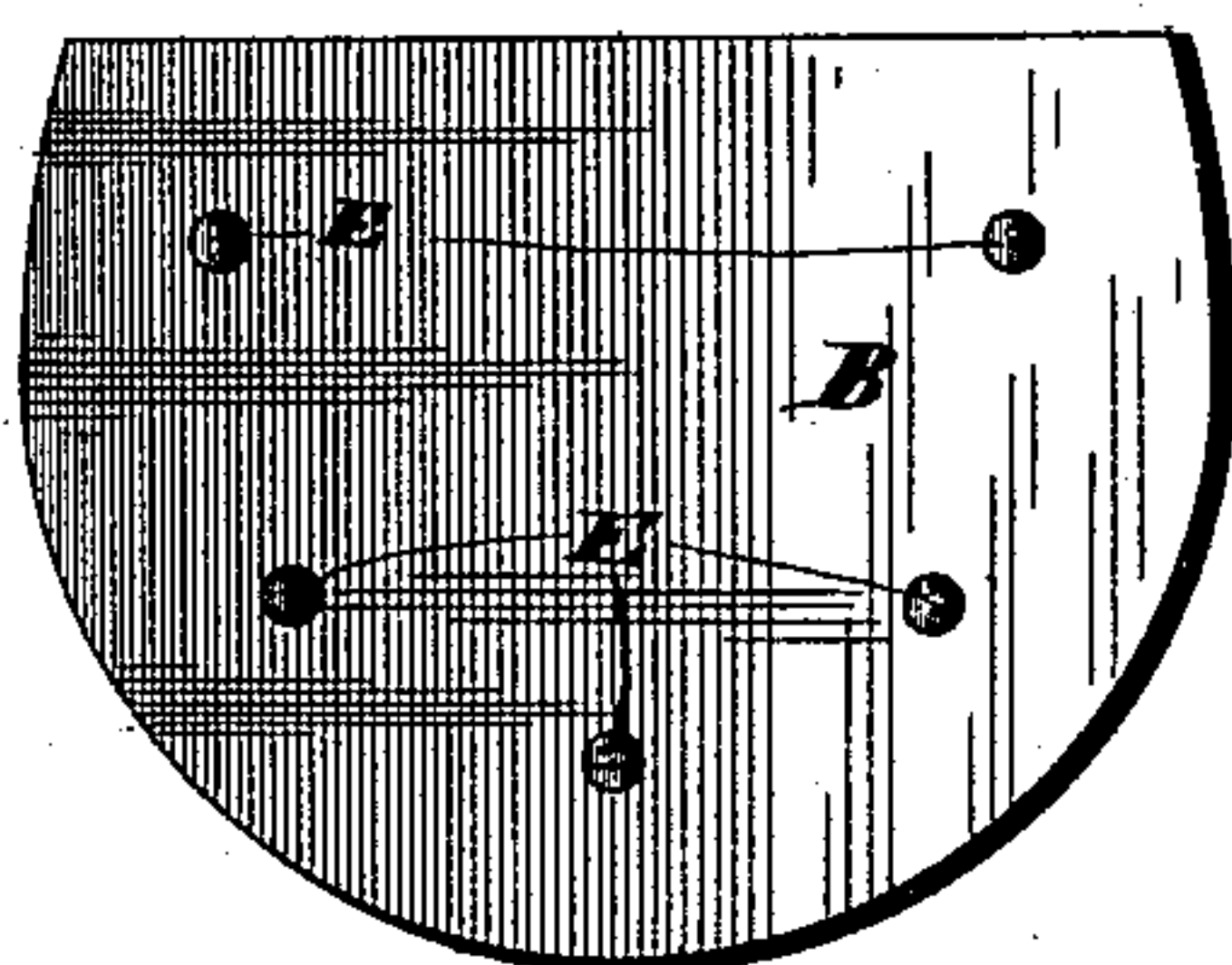
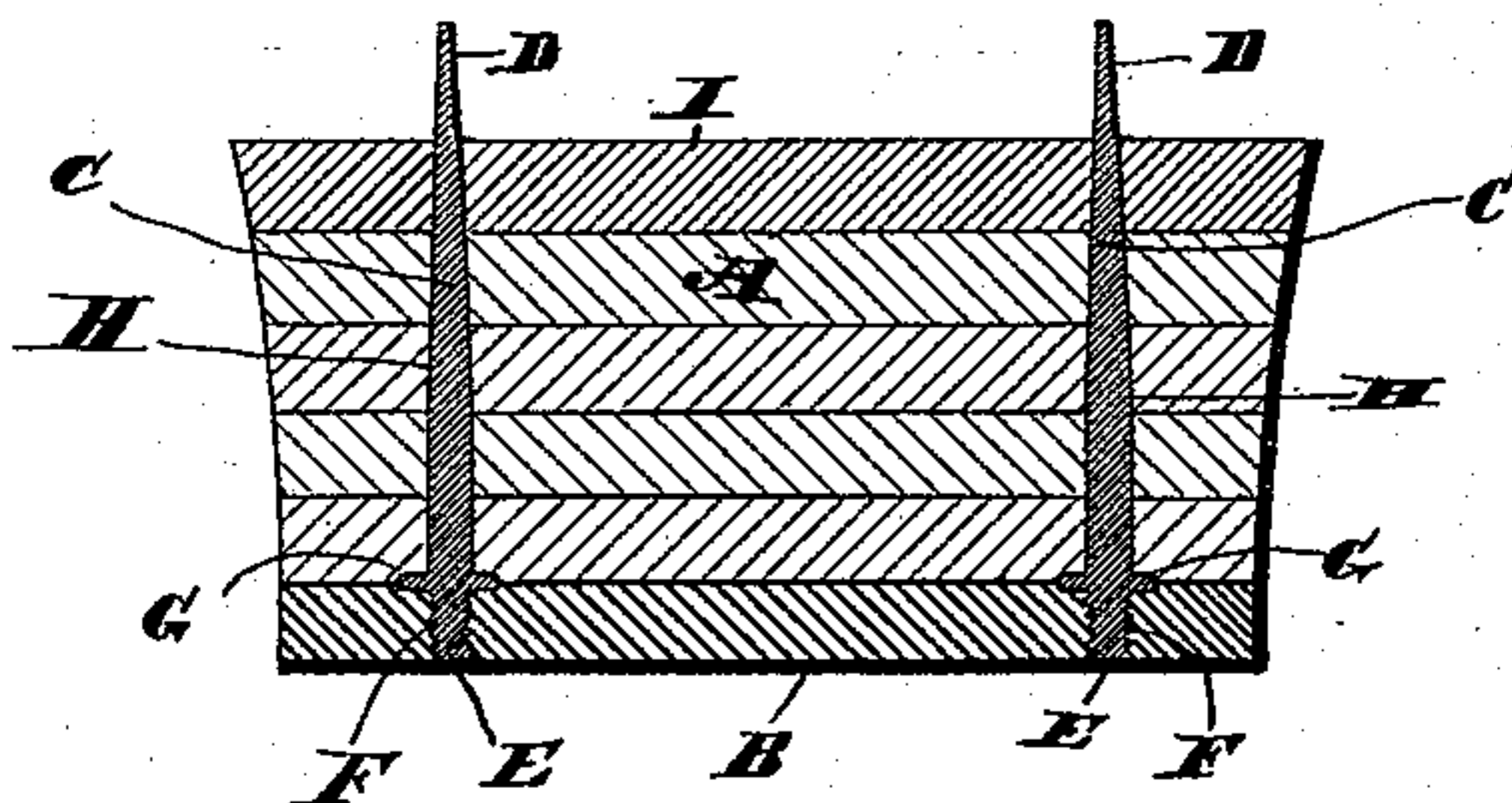


Fig. 4



Witnesses:
Chas. B. Shumway.
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UNITED STATES PATENT OFFICE.

HUBERT C. HART, OF UNIONVILLE, CONNECTICUT, ASSIGNOR, BY MESNE ASSIGNMENTS, TO ARTHUR H. HART, OF NEW YORK, N. Y.

BOOT OR SHOE HEEL.

SPECIFICATION forming part of Letters Patent No. 376,987, dated January 24, 1888.

Application filed October 20, 1887. Serial No. 252,923. (No model.)

To all whom it may concern:

Be it known that I, HUBERT C. HART, residing at Unionville, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Boot or Shoe Heels; and I do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in heels for boots and shoes, the object being to produce a heel which shall be cheap, convenient of attachment to a boot or shoe, and of great solidity, and hence durable.

With these ends in view my invention consists in a heel for boots and shoes consisting of a heel-body and a top-lift therefor, of fastening devices, each consisting of a binding end, a shorter corrugated or roughened wearing end, and a flange located between such ends which are in the same line, the said wearing ends passing through or nearly through the top-lift, and the said binding ends extending through the heel-body and projecting from the heel-seat, and adapted to have their projecting ends turned down to co-operate with the flanges for positively clamping the lifts of the body together and the entire heel to the sole.

In the accompanying drawings, Figure 1 is a plan view of a heel embodying my invention. Fig. 2 is a reverse plan view thereof with the top-lift removed and shown beside it. Fig. 3 is a similar view with the said lift in place, and Fig. 4 is a view of the heel in vertical transverse section.

As herein shown, my improved heel consists of a body, A, composed of any suitable number of lifts, a top lift, B, and fasteners made of wire, and each composed of a binding end, C, having its extremity flattened, as at D, a shorter wearing end, E, corrugated or roughened, as at F, and a flat circular flange, G, located between and central to such ends which are in the same line, the said binding ends extending through perforations H, formed in the heel-body A, and projecting beyond the heel-seat I, and being adapted to have their projecting ends turned down to co-operate

with the flanges for positively clamping the lifts of the body together. The said projecting ends are ordinarily passed through the sole of the boot or shoe before they are turned down, so that they will perform the additional function of positively attaching the heel to the boot or shoe. The flanges E are firmly seated against the face of the heel-body.

The top lift is crowded down upon the wearing ends of the fasteners, and securely attached to the face of the body by any suitable means which are assisted by the corrugated or roughened surfaces of the said wearing ends, which either puncture the top lift so as to be exposed upon its outer face, or embed themselves in it so as to be exposed with the first wear of the boot or shoe.

A heel constructed under my invention is very solid and cannot get out of shape, as the several body-lifts are positively bound together between the flanges and bent ends of the fasteners. It is also easy and cheap to make and apply, and very durable in use.

I am aware that a heel has before been made with a metallic fastener having a wearing end and a binding end, the latter projecting beyond the heel-seat and adapted to be turned down and clinched. I am also aware that it is old to make a shoe-nail with a wearing end, a retaining end, and a collar located in line with and between such ends, the retaining end entering but not passing through the heel-body. I do not therefore claim a heel made with metallic fasteners, as described, or a shoe-nail having a collar located between and in line with two ends of unequal length; but,

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As an improved article of manufacture, a heel for boots and shoes, consisting in the combination, with a heel-body and a top lift therefor, of fastening devices each consisting of a binding end, a shorter corrugated or roughened wearing end, and a flange located between such ends which are in the same line, the said wearing ends passing through or nearly through the top lift, and the said binding ends extending through the heel-body and

projecting through the heel-seat, and adapted
to have their projecting ends turned down to
co-operate with the flanges for positively
clamping the lifts of the body together and
5 the entire heel to the sole, substantially as set
forth.

In testimony whereof I have signed this

specification in the presence of two subscri-
ing witnesses.

HUBERT C. HART.

Witnesses:

CHAS. B. SHUMWAY,
WILLIAM J. LUM.