

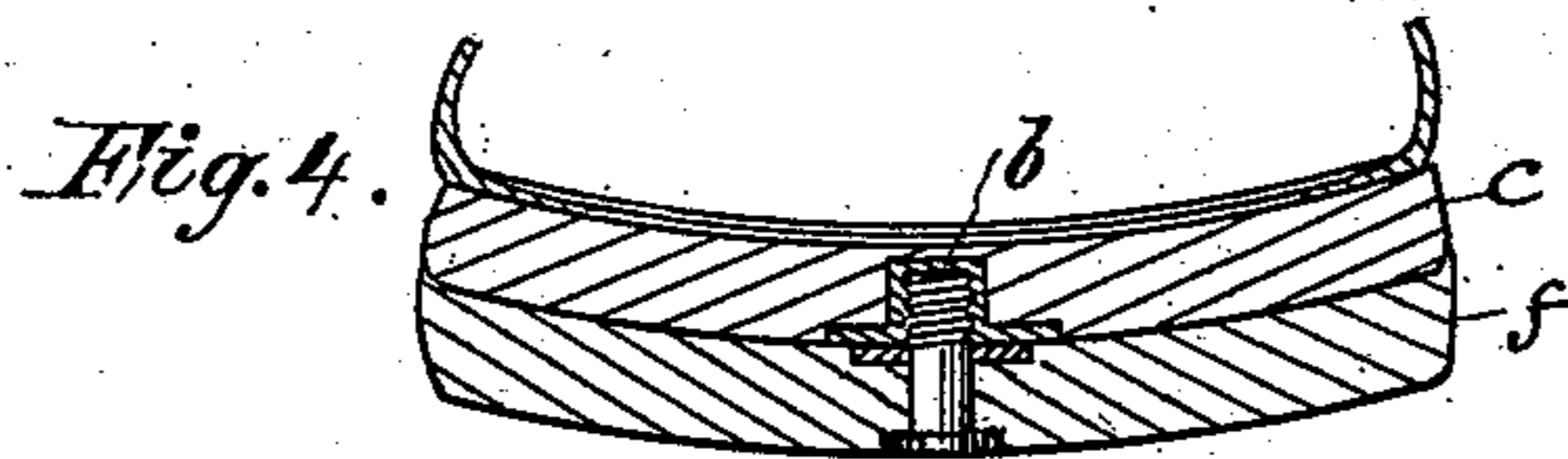
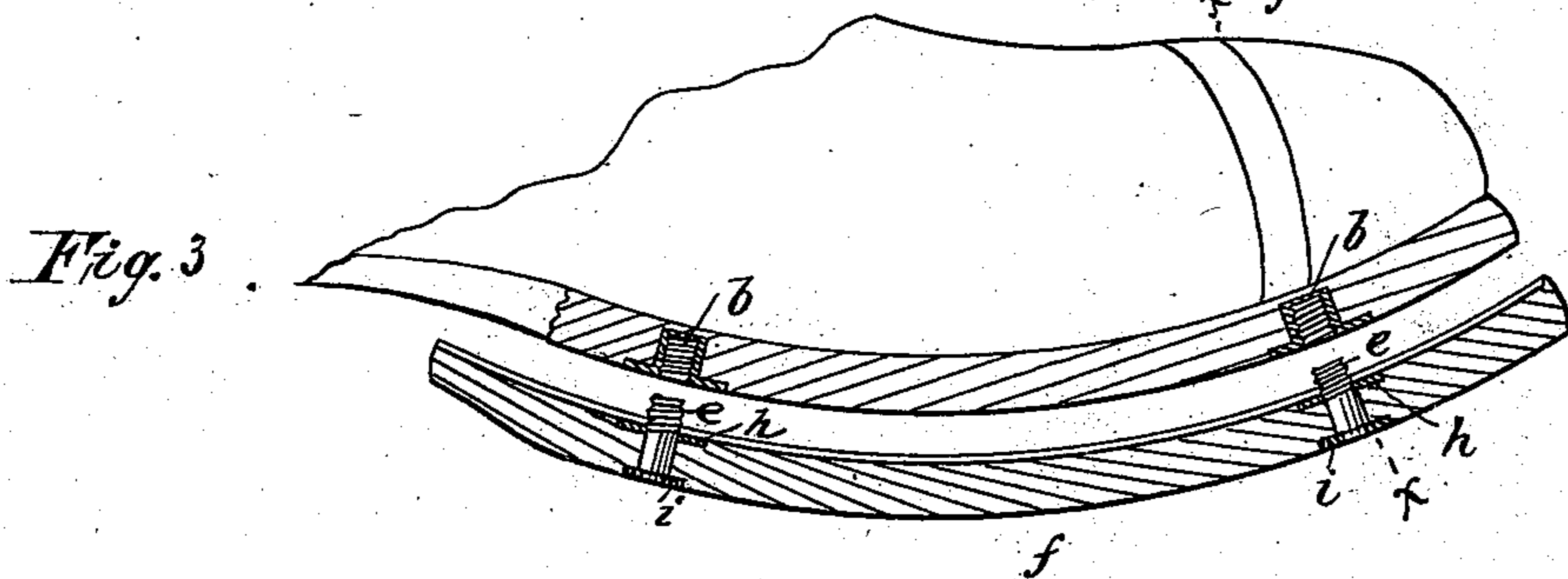
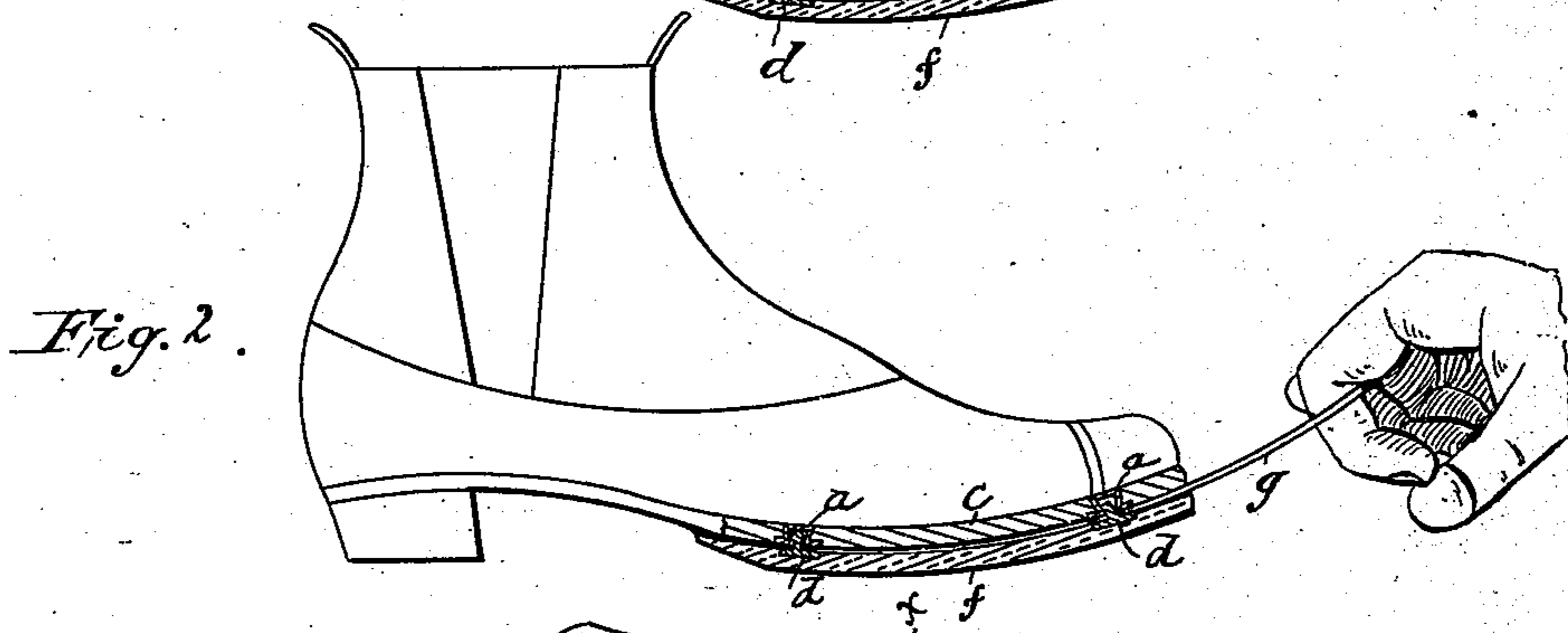
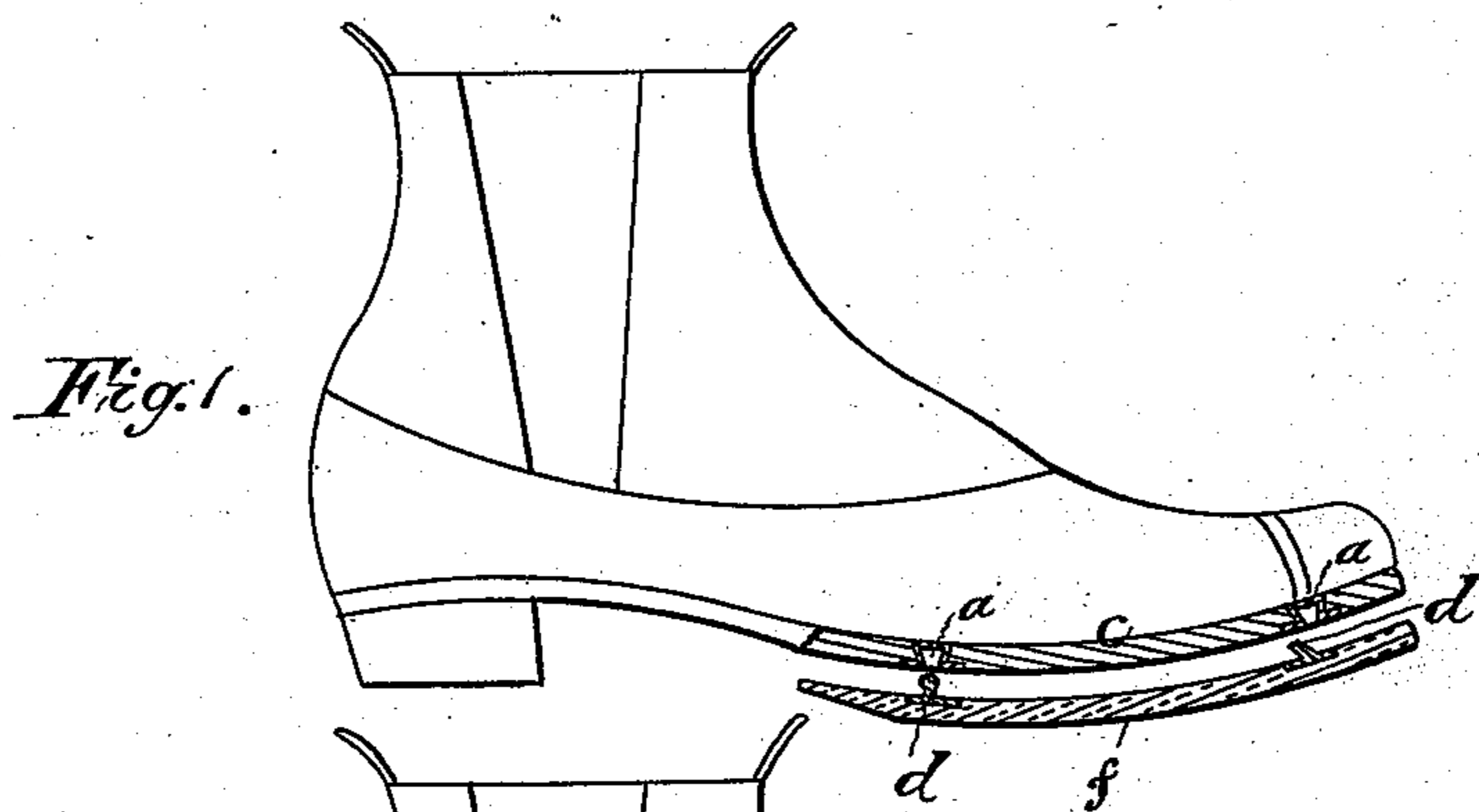
(No Model.)

G. T. CHAPMAN.

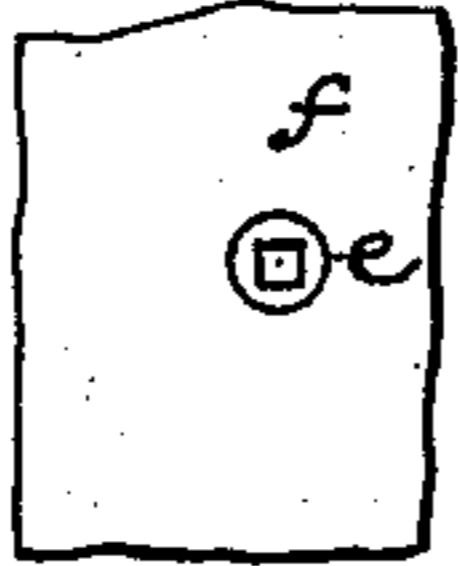
BOOT OR SHOE.

No. 378,040.

Patented Feb. 14, 1888.



WITNESSES:
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INVENTOR

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BY

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Fig. 5.

UNITED STATES PATENT OFFICE.

GEORGE T. CHAPMAN, OF WHITE PLAINS, NEW YORK.

BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 378,040, dated February 14, 1888.

Application filed June 9, 1887. Serial No. 240,819. (No model.)

To all whom it may concern:

Be it known that I, GEORGE T. CHAPMAN, of White Plains, Westchester county, New York, have invented a new and useful Improvement in Boots or Shoes, of which the following is a specification.

My invention consists of an improved means for the attachment of a detachable half-sole, of leather, rubber, wood, or other approved material, to a boot or shoe in a manner enabling such soles of thick and heavy character to be readily applied for wear in the wet and mud in lieu of the common rubber overshoes, and to be as readily removed again when not wanted, all as hereinafter fully described, reference being made to the accompanying drawings, in which—

Figure 1 is a longitudinal section of the permanent sole and of my improved detachable sole, showing one way of connecting the detachable sole. Fig. 2 is a similar section showing the manner of detaching the sole when connected as in Fig. 1. Fig. 3 is another similar section, on a large scale, showing another contrivance for the connection of the sole. Fig. 4 is a transverse section on line *xx* of Fig. 3. Fig. 5 represents modifications of the screws of Figs. 3 and 4, for the use of different forms of screw devices.

I propose to apply metallic sockets, as *a* or *b*, or other approved contrivance, to the permanent sole *c*, and provide an attachable sole, *f*, with hook-studs *d*, screw-studs *e*, or other studs adapted to fasten detachably in said sockets in any approved way, so that said sole *f* may be readily applied and will be securely held for wear in wet and muddy times, and may be as readily detached when not wanted for use.

The sockets and studs are so placed—one near the toe and the other well back of the ball of the foot—that they are not exposed to much wear, and the sockets have a wide collar for the wearing-face when the detachable soles are removed, so that they will continue serviceable while the shoe lasts.

The sockets *a* for the hook-studs are a little

undercut, and the hook-studs so placed a little closer together than the sockets, that when entered, which is done by springing the sole *f* to a straight line, the recoil of the sole to its curved form will hold the hook-studs to the undercut sockets, and thus maintain the connection of the soles *f*. A sharp pull on the toe-stud by a flat metal hook, *g*, inserted between the soles and engaged with the hook, as shown in Fig. 2, will spring sole *f* and detach the toe-hook when the sole *f* is to be removed. The screw-studs *e* are to be screwed in and out of the sockets by a screw-driver, said screws being nicked or made with a socket in the head for any approved form of screw-driver.

The screw-studs will be secured in sole *f*, so as to turn freely by a collar, *h*, and a head, *i*, the latter being fastened on the stud after it is inserted in the sole.

The sockets may be fastened in the sole *c* by any approved means, as by a cement, or they may be screwed in, or both means may be employed.

What I claim, and desire to secure by Letters Patent, is—

1. The combination, with a shoe having metallic sockets in the ordinary permanent sole, one near the toe and the other well back of the ball, near the shank, of the detachable sole having corresponding studs adapted to engage in and secure said sole by the sockets, substantially as described.

2. The combination, with a shoe having metallic sockets in the ordinary permanent sole, one near the toe and the other well back of the ball, near the shank, of the detachable sole having corresponding hook-studs adapted to engage the socket when shifted apart by springing the detachable sole, and to secure the same by the resilience thereof, substantially as described.

GEO. T. CHAPMAN.

Witnesses:

W. J. MORGAN,
S. H. MORGAN.