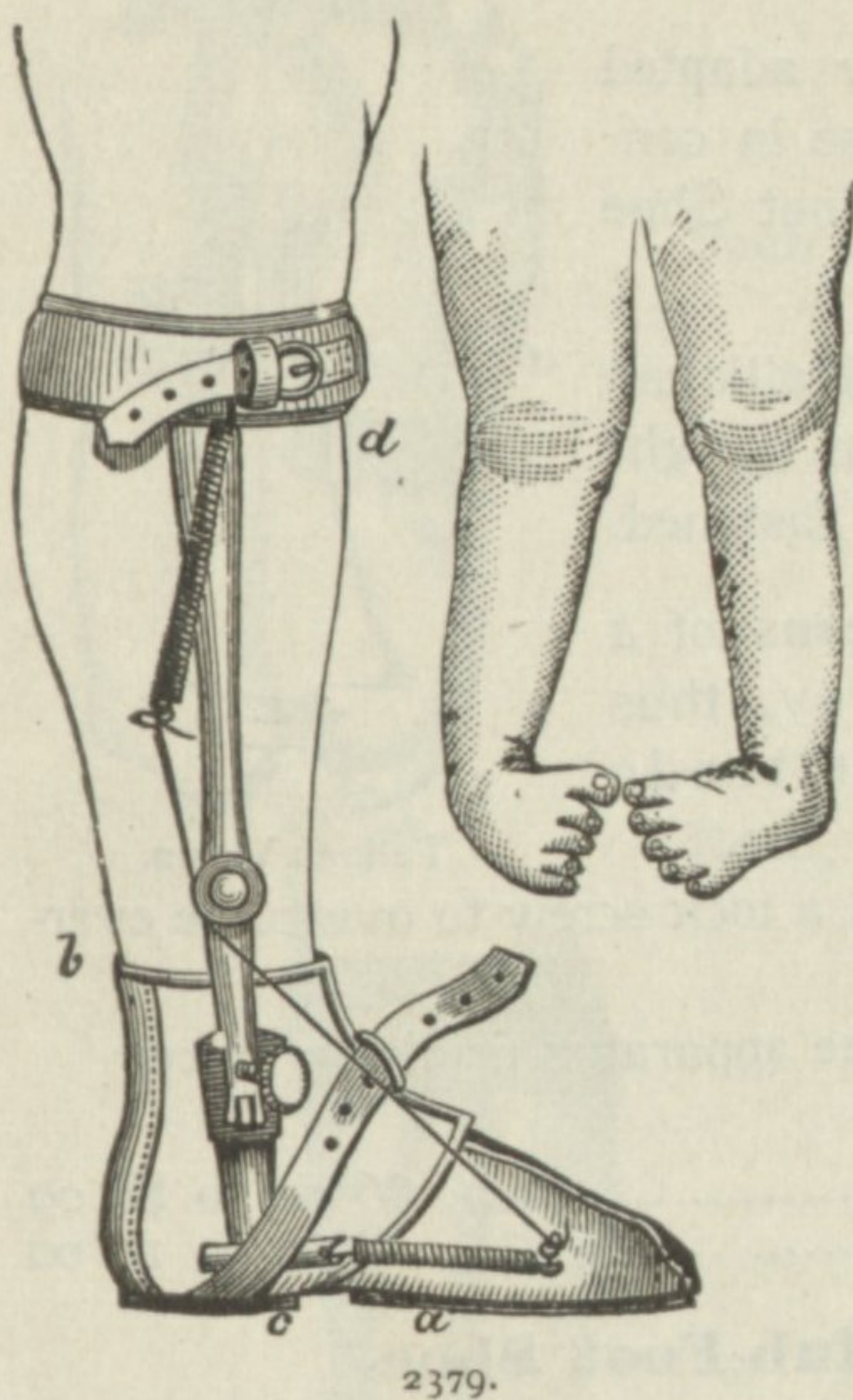


ORTHOPÆDIC APPARATUS.

2379 * Tiemann's Club-Foot Apparatus for Talipes Varus.



2379.

The sole of this strong leather shoe is of metal, with a joint near the heel, allowing lateral motion. A strong and durable spiral spring, as shown in the cut (A) draws the foot outward by a constant, elastic, and easy traction. This pressure is increased or decreased at will, by fastening the spring in a series of sockets (A).

The single outside upright steel bar, with joints at the ankle, is fastened around the limb below the knee joint, and so constructed that the screw at the ankle-joint forces the foot flat upon the floor, which foot, in almost all cases, is turned under, as indicated by the sketch. The spiral spring (D) attached to a catgut cord and fastened near the toes, upon the outside of the foot, elevates the toes and stretches the tendo achillis, thus drawing the foot to its natural position.

The shoe is well padded, and as there is no metal in the heel-cap, no excoriation is occasioned. The contraction of the leather above the heel prevents the shoe from slipping off (always so difficult to retain in fleshy infants). The straps around the instep depress any undue prominence of the arch of the foot, and within the shoe a broad and well-

padded tongue keeps the toes flat upon the sole of the shoe. This apparatus resembles much the regular shoe, and shows no deformed appearance.

Measurements required same as Fig. 2378.

Price of single shoe, to patients, complete \$10 00 to \$14 00

Price of a pair of shoes, to patient, complete..... \$20 00 to \$28 00, according to size.

2380 * Apparatus for Weak Ankle and Contracted Tendo Achillis.

TALIPES EQUINUS.

Should there be contraction of the tendo achillis, and consequent dropping of the toes, it is conveniently corrected by means of an artificial elastic muscle, one end of which is fastened to the sole of the shoe, the other to the calf-band (B). It may be regulated to any degree of tension by means of a buckle (E).

In ordering the apparatus, send the following description and measurements :

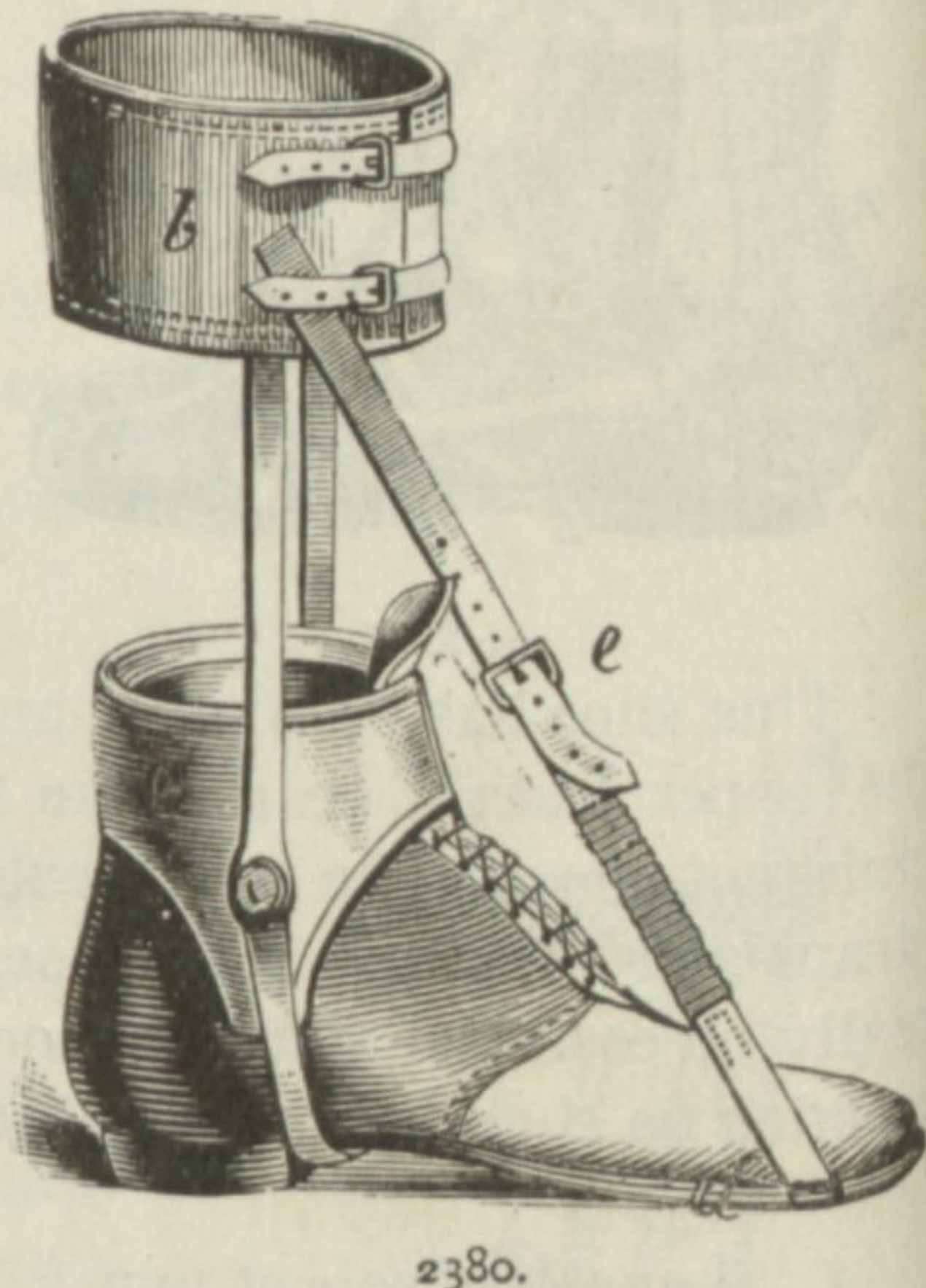
1. Patient's name and sex.
2. Patient's age.
3. Weak ankle, resembling varus or valgus.
4. Right, left, or both feet.
5. Tendo achillis contracted.
6. Length from sole of foot to ankle-joint..... Inches.
7. Length from sole of foot to calf..... .. "
8. Circumference of calf "

Price of a brace for only one leg, to patients..... \$8 00 to \$12 00

" " pair of braces, to patients..... 16 00 to 24 00

If you desire us to furnish shoes, send the measurements as described on foot of page 47.

For terms, see page 7.



2380.