

ORTHOPÆDIC APPARATUS.

2385H COMBINED APPARATUS FOR WEAK LEG AND SPINE.

This appliance will be found valuable for cases of deformity of the spine with concomitant lack of sustaining power of one or both legs; for cases of paralysis, or in cases of lateral curvature due to a shortened leg following hip-joint disease or hemiplegia. In the latter class of cases an extension attached to the sole of the shoe is required to make up for the shortening. The apparatus is made in a variety of ways, according to the requirements of the case. The one shown in the illustration is supplied with a rotary joint below the hip-joint, by means of which the foot can be either everted or inverted as may be found necessary. Artificial muscles are attached to meet the indications in different cases. In the cut a coiled spring is illustrated for overcoming contraction of the tendo Achillis, also a pad at the knee for correcting a tendency to knock knee. The apparatus is furnished with these, or other additions or modifications, as may be found necessary.

Measurements Required.

For the Spinal Corset, same as for Fig. 2357A, page 25.

For the Leg Brace, same as for Fig. 2389, page 53.

Price for Spine and One Leg, according to size and finish, \$40 to \$60

" " " " both Legs, - - - - - 60 to 90

Shoes and Extension charged extra.

2385I LOCK-JOINT APPARATUS FOR PARALYSIS.

This apparatus is made for paralysis of one limb. By an improved mechanism the knee-joint is locked while walking, and to enable the wearer to sit down, a lever is arranged at the joint, which, when pressed with the finger outside of the clothing, above the knee, unlocks the joint and permits bending of the knee. In rising and straightening the limb the joint automatically locks itself. The side bars and ankle and knee-joints are made somewhat stronger than in those cases in which the patient has control of the knee-joint.

A strong piece of elastic webbing, designed to overcome muscular contraction, extends from the sole of the shoe to the bar above the ankle. The encasement for the thigh and leg are of strong leather and are well padded.

This apparatus may also be worn after resection of the femur or tibia. For these cases, the encasement for the calf is made from two to four inches broader, or is supplemented by another one attached above the ankle in order to give all possible support. The apparatus is also an excellent one for support of the limb in cases of ununited fractures, permitting the patient to go about.

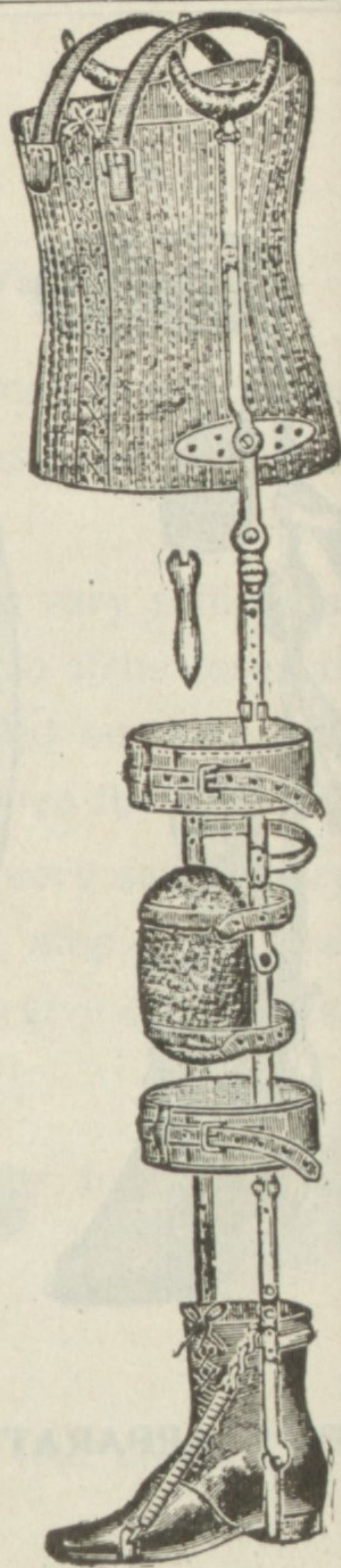
Measurements Required.

A—Patient's sex, age and weight. B—State if wanted for right or left leg. C—Length from sole of foot to ankle-joint. D—Length from sole of foot to knee-joint. E—Length from sole of foot to upper third of thigh. F—Circumference above ankle. G—Circumference at calf. H—Circumference below knee. I—Circumference at knee-joint. J—Circumference above knee. K—Circumference at upper third of thigh. L—Place the leg on a sheet of paper and draw an outline from the perineum down to sole of foot and up the outer side opposite perineum. Send us this tracing. Send us a well-fitting shoe for affected limb (to lace)

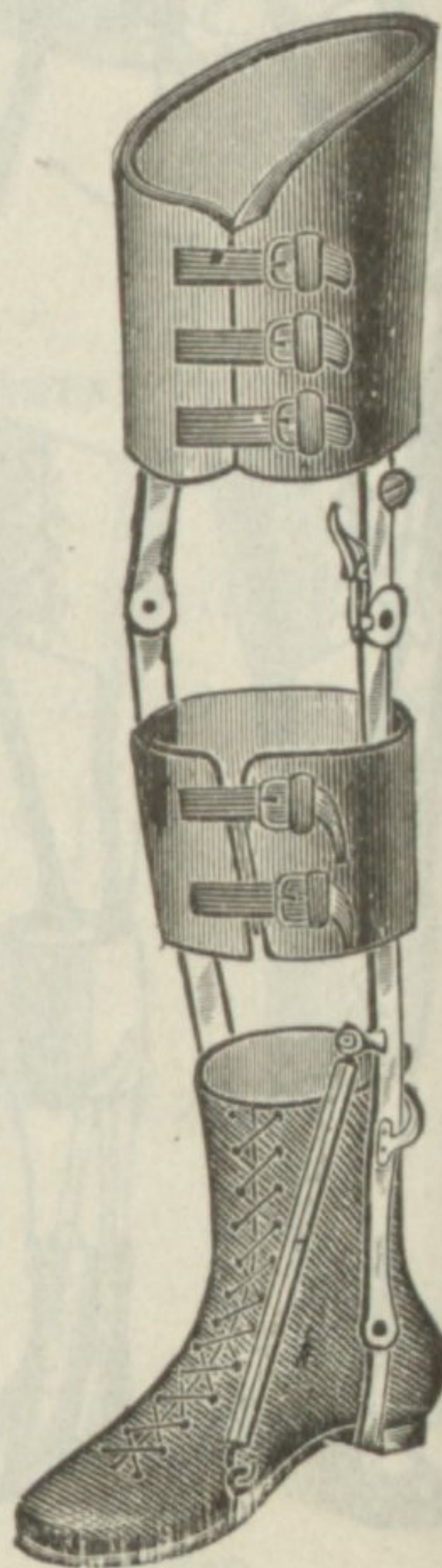
Price according to size and finish, \$25 00 to \$40.00

Shoes charged extra, if we furnish them.

For terms see page 7.



2385H



2385 I