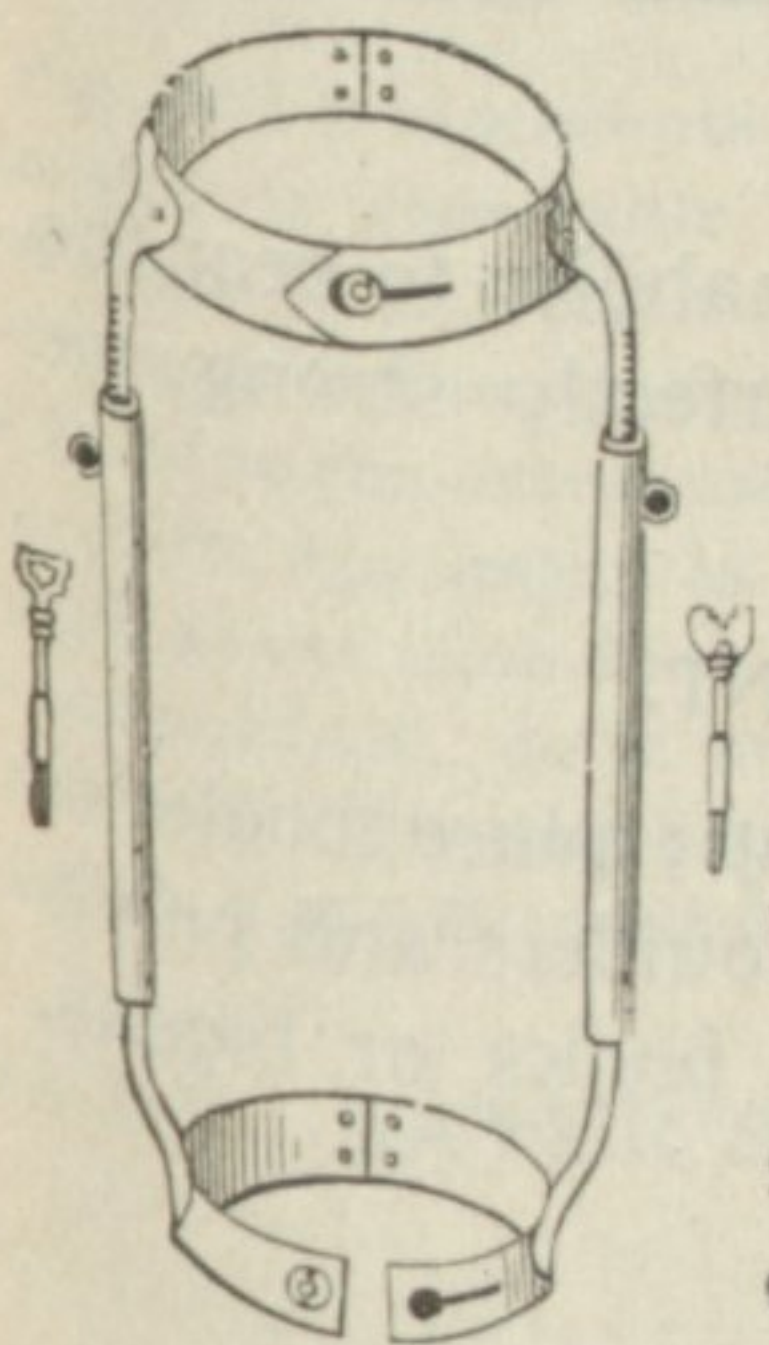


ORTHOPÆDIC APPARATUS.

2397 * Sayre's Knee-Joint Apparatus.



It consists of two bands or collars of sheet steel, about an inch wide, embracing the limb—the one above the ankle, the other at the upper third of the thigh, admitting of adjustment by means of a hinge and slide, and may be locked at any given point, by turning the nut with the key fitted for this purpose. They are connected on either side by an extension rod, of the rack and pinion (or screw) construction.

To apply this instrument, adhesive plaster is required, spread on twilled goods, and cut in strips one inch wide and long enough to reach from just below the knee to near the ankle, and from the knee upwards several inches.

These plasters are secured to within an inch of their extremities, by a snugly adjusted roller. The instrument is then placed on the limb, the collars fastened sufficiently to be comfortable, and the loose ends of the adhesive plasters turned over and secured by a roller.

Price, to patients\$20 00

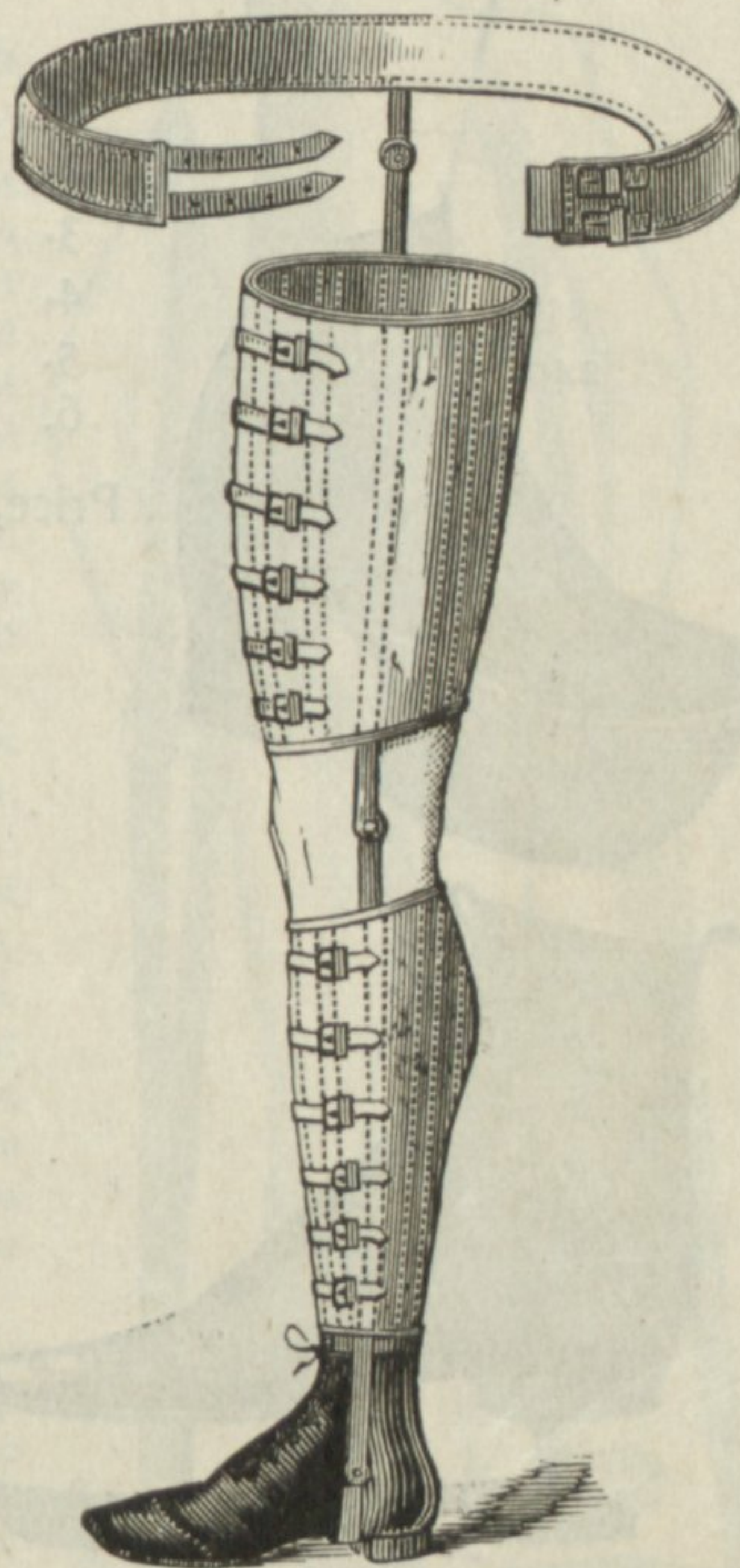
2398 * Apparatus for False Joints in the Leg or Thigh resulting from Resection or Fracture of the Bones (Ununited).

This apparatus consists of two lateral steel stems, the inner one of these is carried to the upper third of the thigh, the outer one terminates in a pelvic band situated an inch below the iliac crests. Calf and thigh-bands, made either of sole-leather nicely moulded to the limb or of sail-cloth, stayed by a number of steel springs, corset-like, and well padded, connect the steel stems, which latter are provided with joints for the ankle, knee, and hip. The strength of these stems must be in proportion to the patient's weight. The leather or sail-cloth casing is required only at the place of the false joint, the other band may be softer and smaller, as convenient. If desired, the knee-joint may be made to remain stiff when walking, and flexible when sitting down, by merely touching a spring with the hand outside the clothing.

DIRECTIONS FOR MEASUREMENT.

1. Patient's name.
2. Patient's weight.
3. Right or left leg.
4. Position of false joint.
5. Length from sole to ankle.
6. " " knee
7. " " crutch (perineum).....
8. " " trochanter major.....
9. " " iliac crest
10. Circumference at 1st buckle
- " 2d "
- " 3d "
- " 4th "
- " 5th "
- " 6th "
- " 7th "
- " 8th "
- " 9th "
- " 10th "
- " 11th "
- " 12th "
- II. Circumference of pelvis one inch below iliac crests.....

Inches.



Price of apparatus, for children, to patients.....\$25 00 to \$35 00
 Price of apparatus, for adults, to patients..... 40 00 to 75 00
 Shoes are charged extra, according to quality.