

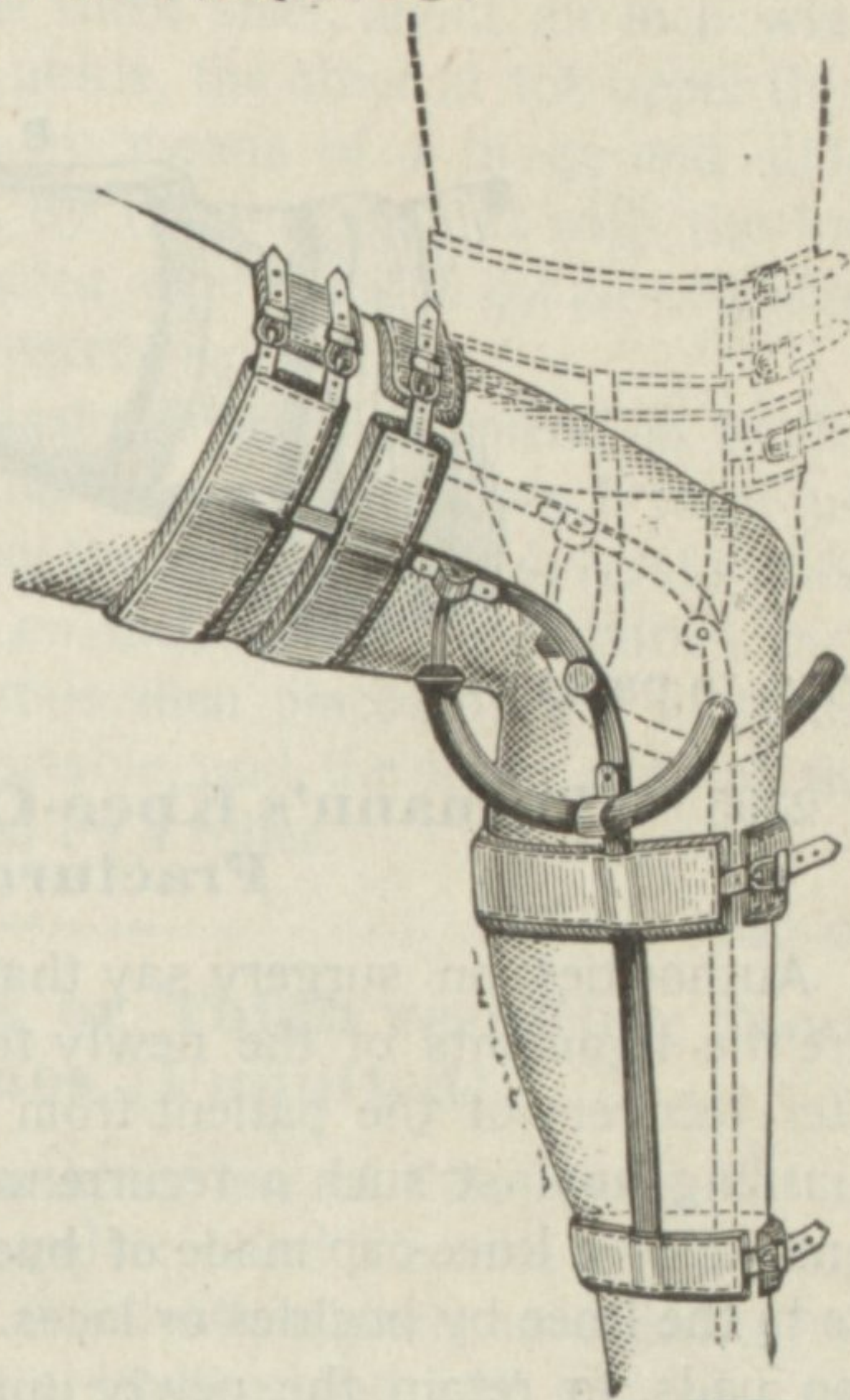
ORTHOPÆDIC APPARATUS.

2392* HOOPER'S KNEE EXTENSION APPARATUS.

It consists of a band encircling the thigh, of another for the calf, and of one above the ankle. These are fastened to two lateral shafts provided with joints at the knee. Two semi-circular brass tubes, fastened to the lower calf shafts, contain each a spiral spring, acting on bows fastened to the thigh shaft, thus exerting constant elastic extension, which is sure to overcome muscular contraction soon.

DIRECTIONS FOR MEASUREMENT.

1. Circumference above knee.....Inches.
 2. " at knee....."
 3. " below knee....."
 4. " above ankle....."
 5. Length from above ankle to knee....."
 6. " knee to upper third of thigh.."
- Price.....\$35 00



2392

2392a* BIGGS' MODIFIED APPARATUS FOR SHORT LIMB OCCASIONED BY ANCHYLOSIS OF KNEE JOINT.

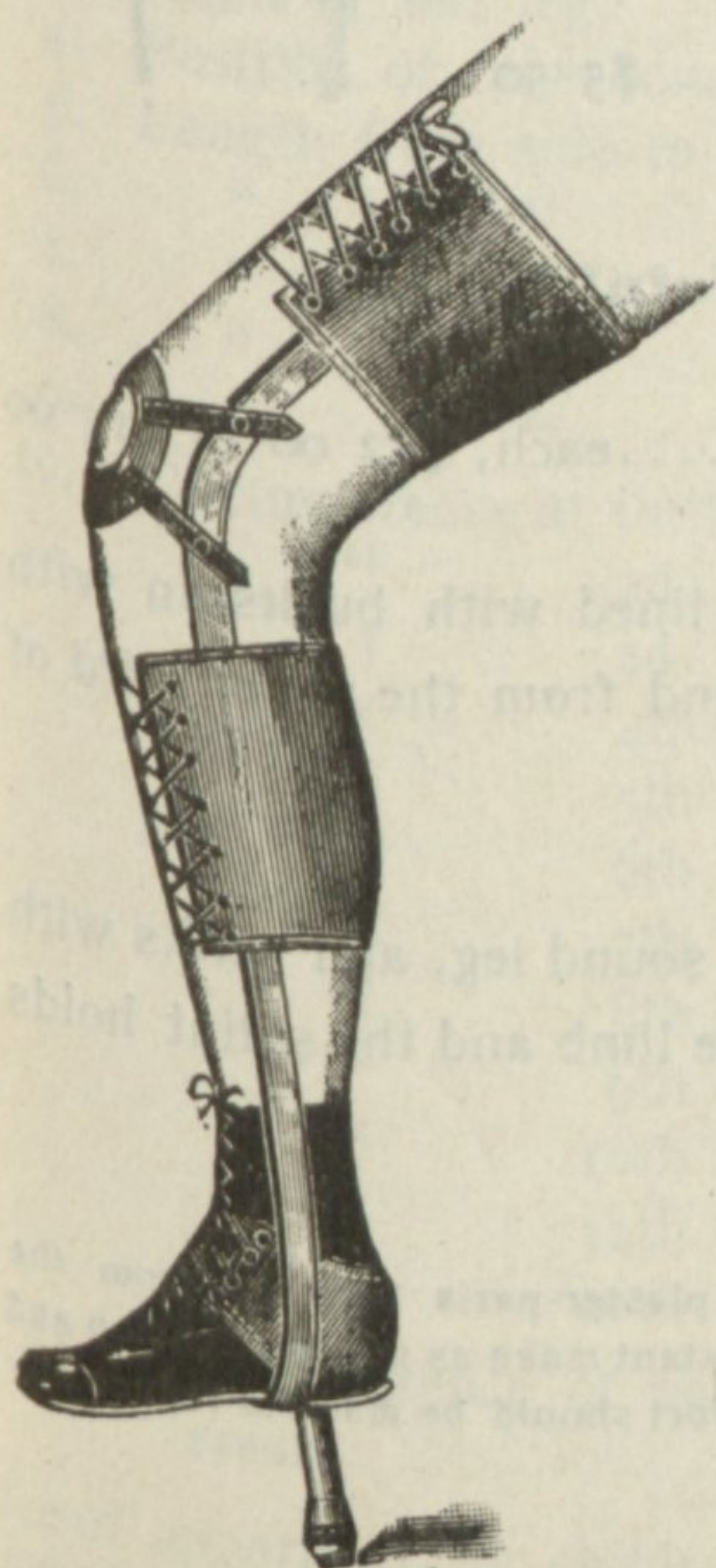
It consists of a padded thigh and garter band, secured to the limb with laces. These bands are attached to strong steel side supports, which are fastened to a foot plate below, into which is sunk a tube with a rubber bottom, which fills up the space between the foot and the ground. A strong knee cap passes over the patella, and, with the foot and ankle straps, secures the leg firmly to the apparatus. When this instrument is worn, the weight is received by the thigh band and transmitted thence to the ground, so that the knee is guarded from all strain, while the tendency to spinal deformities is arrested, which is always the result of a shortened lower limb.

DIRECTIONS FOR MEASUREMENT.

1. Patient's name.
2. Right or left Leg.
3. Length from Sole of Foot to Knee-joint.....Inches.
4. Length from Knee-joint to Upper Third of Thigh .. "
5. Circumference of Thigh....."
6. Circumference of the Calf....."
7. Degrees of the angle of flexion "
8. Distance from the heel of the Patient's Shoe to the ground when standing erect .. "
9. Outline of limb.

Price.....\$35 00

" modified.....\$20 00 to 25 00



2392a

For terms see page 7.

All Instruments designated with a * are illustrated.