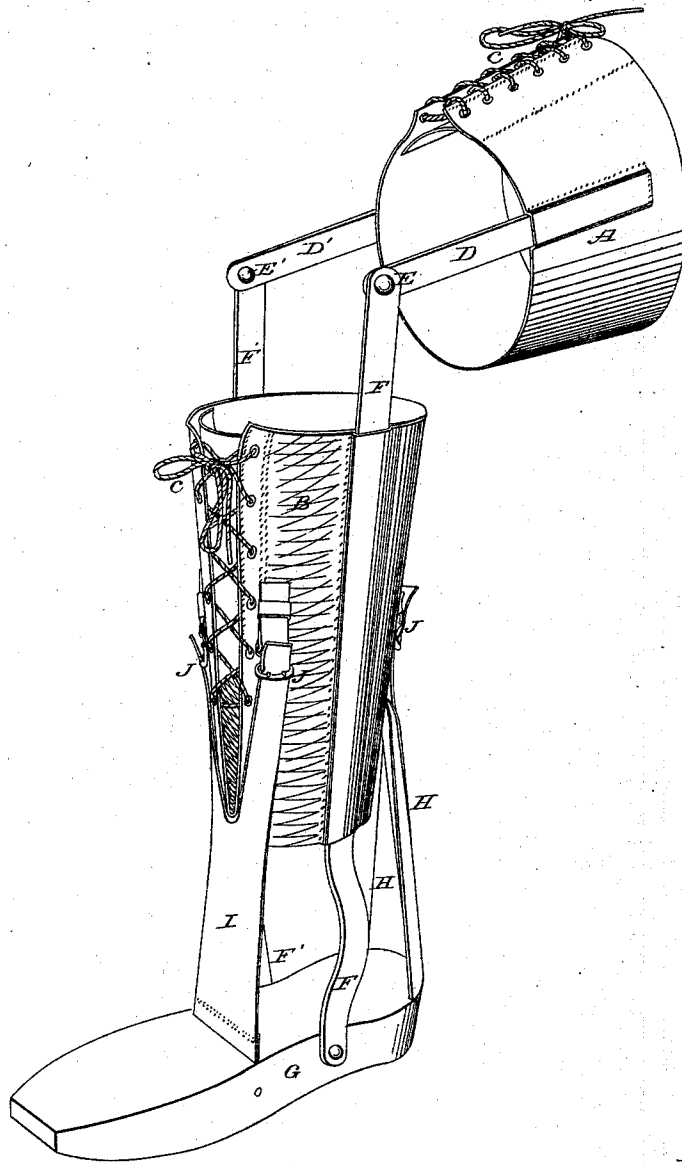


J. Schneider,

Artificial Leg.

N^o 49,443.

Patented Aug. 15, 1865



witnesses:

*Geo. H. Knight
Thurman*

Inventor:

*Jacob Schneider
By William Tilden
attorney*

UNITED STATES PATENT OFFICE.

JACOB SCHNEIDER, OF CINCINNATI, OHIO.

IMPROVEMENT IN ARTIFICIAL LEGS.

Specification forming part of Letters Patent No. **49,443**, dated August 15, 1865.

To all whom it may concern:

Be it known that I, JACOB SCHNEIDER, of Cincinnati, Hamilton county, State of Ohio, have invented a new and useful Artificial Leg; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

This improvement relates to the class of cases where the amputation has been performed below the knee, so as to leave that joint and the upper portion of the limb intact, and is intended to provide a simple and effective limb of moderate cost and light weight.

A and B are sheaths of leather for the thigh and stump respectively. The said sheaths are secured to the limb of the wearer by means of laces C or other suitable fastenings.

D D' are rods of iron or steel firmly secured to the sheath A, and terminating opposite the knee of the wearer with hinges or pivots E E', by which they are articulated to similar rods, F F', which are firmly attached to the sheath B on opposite sides thereof, and are pivoted at their lower extremities to a foot, G, which may be of wood, and be covered with leather and padded or cushioned along its sole.

The rods F F' swell outward a little above

the foot to admit the ankle if necessary, and to impart a natural appearance to the limb, and to enable it to fit snugly within an ordinary boot or shoe.

Elastic straps H and I, which I form of corrugated or shirred rubber goods, are respectively attached to the heel and instep of the piece G, and united by their upper ends to the back and front of the sheath B. Buckles J may enable the said straps to be brought to such relative tension as to hold the foot to its flat or naturally resting position when not in active use, yet to permit of such changes of angle with respect to the leg as occur in walking, sitting, &c.

I claim herein as new and of my invention—

The arrangement of the sheaths A and B and foot G, the whole being connected together by articulated rods D E F D' E' F', while elastic straps H and I connect to the sheath B, the heel, and the instep of the foot, substantially as set forth.

In testimony of which invention I hereunto set my hand.

JACOB SCHNEIDER.

Witnesses:

JAMES H. LAYMAN,
GEO. H. KNIGHT.