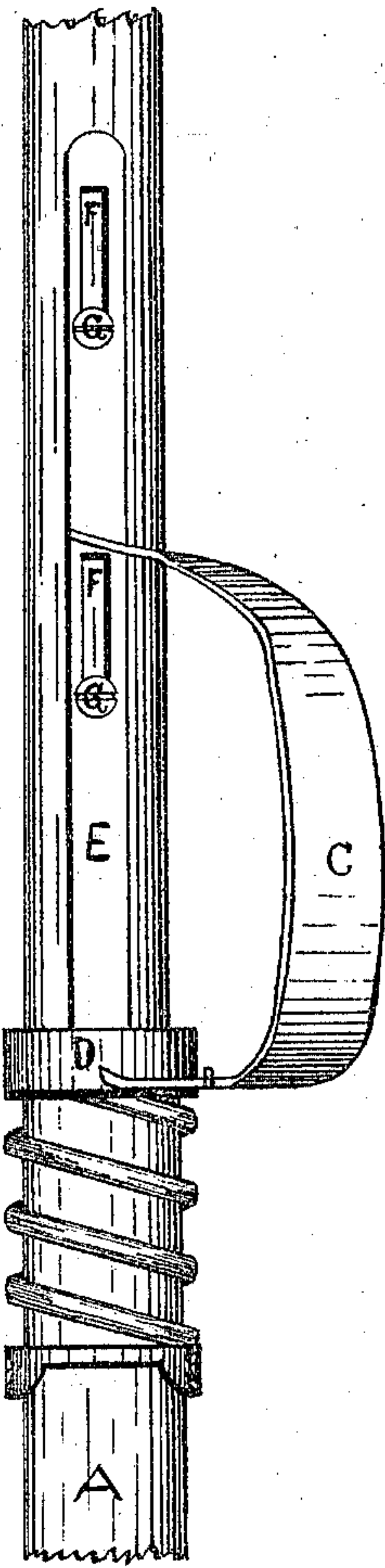


JOHN EMMERT'S
IMPROVED
STILT.

No. 120,952.

Patented Nov. 14, 1871.



WITNESSES:

W. Benson
E. H. Hart

INVENTOR:

John Emmert
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Attorneys.

UNITED STATES PATENT OFFICE.

JOHN EMMERT, OF DUNLEITH, ILLINOIS.

IMPROVEMENT IN STILTS.

Specification forming part of Letters Patent No. 120,952, dated November 14, 1871; antedated November 6, 1871.

To all whom it may concern:

Be it known that I, JOHN EMMERT, of Dunleith, in the county of Jo Daviess and State of Illinois, have invented a new and useful Improvement in Stilts; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which the figure is a side elevation of my invention.

My invention has for its object the production of walking-stilts for boys, that shall combine the three requisites, simplicity, durability, and cheapness; and to that end it consists in a standard turned from any suitable wood, and a metallic step with a ring at its lower edge through which the standard is inserted, a circular guard surrounding the step and a narrow plate running upward along the standard having slots through which screws are inserted into the standard for the purpose of adjusting the step at any required height upon the standard. It also consists in a spiral spring surrounding the standard, its lower end being held by a metallic ring secured to the standard, and its upper end receiving the weight applied to the step, thereby preventing the jar

attendant upon walking, and giving elasticity to the step. If found desirable, the guard surrounding the step can be dispensed with, the step being made a little heavier and its outer edge turned up slightly to prevent the foot from slipping off.

In the accompanying drawing, A represents the standard; B, the step; and C, the guard upon the outer side of the same. D is the ring encircling the standard, and to which the step is secured. E is the plate running up along the standard having slots F, through which screws G are inserted into the standard. H is the spiral spring surrounding the standard and receiving the weight applied to the step; and I, the ring secured to the standard and supporting the lower end of the spring.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The spiral spring in combination with the movable step and standard, substantially as described, for the purpose specified.

JOHN EMMERT.

Witnesses:

C. C. SMITH,
G. H. FROST.

(143)