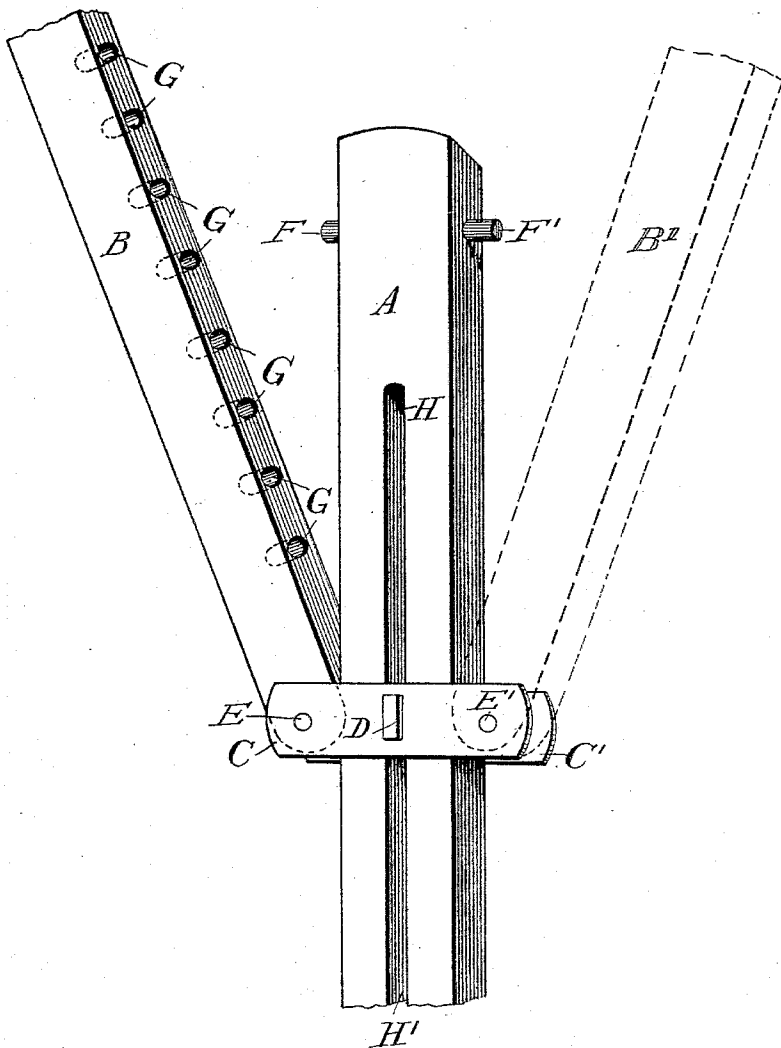


(No Model.)

T. H. B. PIERCE.
ADJUSTABLE LEG FOR TRIPODS.

No. 565,216.

Patented Aug. 4, 1896.



Witnesses.

Andrew H. Knight
David H. Mudgett.

Inventor.

Thomas H. B. Pierce

UNITED STATES PATENT OFFICE.

THOMAS H. B. PIERCE, OF DEXTER, MAINE.

ADJUSTABLE LEG FOR TRIPODS.

SPECIFICATION forming part of Letters Patent No. 565,216, dated August 4, 1896.

Application filed July 27, 1895. Serial No. 557,372. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. B. PIERCE, a citizen of the United States, residing at Dexter, in the county of Penobscot and State of Maine, have invented certain new and useful Improvements in Adjustable Legs for Tripods, Easels, Stools, and Tables; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in folding legs or supports for tripods, easels, stools, and tables; and the objects of my improvements are, first, to provide a sliding frame for holding the upper part of the leg pivoted against or beside the lower part in such manner that the leg may be lengthened or shortened by adjusting the same at any desired point, and, second, to afford means for holding the sliding frame and the several parts of the leg securely in place when adjusted to such desired length. I attain these objects by the devices illustrated in the accompanying drawing, one figure being all that is necessary to show the different parts.

The figure shows all that part of the upper and lower portions of a folding leg which concerns this invention. It exhibits the manner of hinging or pivoting the upper arms upon the lower or foot part by means of front and back plates which slide up and down upon said lower part. It also exhibits the manner of holding said upper and lower parts firmly in place when adjusted at any given point by means of a series of holes or sockets in the inner sides of the upper parts or arms, which receive and fit upon a pin extending from each side of the top of the lower part whenever the arms are turned up against the top of said lower part.

My device consists in constructing the frame composed of the front and back plates C C' and the arms B B', pivoted between them, one at each end, by means of the rivets or bolts E E', and either with or without the central bolt, bar, or rivet D, connecting said front and back plates C C' together through a slot

in the middle of said lower part A and fitting the same upon said lower part or foot-piece A, so as to allow said frame, described as above, to slide up or down upon said lower part, the said lower part, if the central rivet, bolt, or bar D is used, being made with a slot cut through from front to back lengthwise of said lower part A to allow the passage of said rivet, bolt, or bar D up or down through the same, the purpose of said slot H H' and the rivet, bolt, or bar D, moving within the slot, being to guide and control the movement of the plates C C' and the arms B B' upon said lower part A.

My invention further consists, in combination with the foregoing, in constructing the arms or upper parts B B' with a series of holes or sockets along their inner sides, as shown by G G G G G G G G on the arm B in said drawing, said arm B' having a like series of holes or sockets to correspond with the arm B, but not in sight in the drawing, the purpose of said holes or sockets being to impinge or fit upon the pins F F' in the side of the top of the lower part A (according as said sliding frame and arms are moved up or down) and hold said arms B B' and said sliding frame, attached to them, firmly in place at any point in which any of said holes or sockets will come in contact with said pins, all as is more particularly set forth in the claims.

I am aware that prior to my invention folding legs or supports for tripods, easels, stools, and tables have been constructed with upper parts or arms pivoted in a fixed and arbitrary position near the top of the lower part and made to impinge a single hole in the side of the arm or upper part upon a pin extending from the side of the top of the lower part, the purpose of said socket and pin being to steady the parts and prevent sidewise movement, and for legs or supports so constructed I claim no rights as inventor.

I am also aware that extensible legs or supports have been constructed prior to my invention in sections or parts, of which one was arranged to slide in a groove in the other or to slide in a frame or clasp holding the parts together, such parts being held in place when adjusted in position by means of thumb-screws or a like tightening or pinching device,

and for legs or supports so constructed I claim no rights as inventor.

What I do claim as my invention is—

- 5 1. In an adjustable support the combination of a longitudinally-slotted member having pegs projecting therefrom, with a frame sliding upon said slotted member and having a bolt engaging said slot, legs pivoted to said frame and each having a series of holes adapted to receive one of the pegs and hold said legs in any desired longitudinal adjustment with reference to said slotted member, substantially as and for the purpose described.
- 10 2. In an adjustable support the combina-

tion of a member having a pin projecting 15 from the side thereof, with a frame adapted to slide upon said member, and a leg pivoted to said frame and having a series of holes in one side adapted to receive said peg and hold said leg and member in position; substan- 20 tially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS H. B. PIERCE.

Witnesses:

ANDREW H. KNIGHT,
DAVID H. MUDGETT.