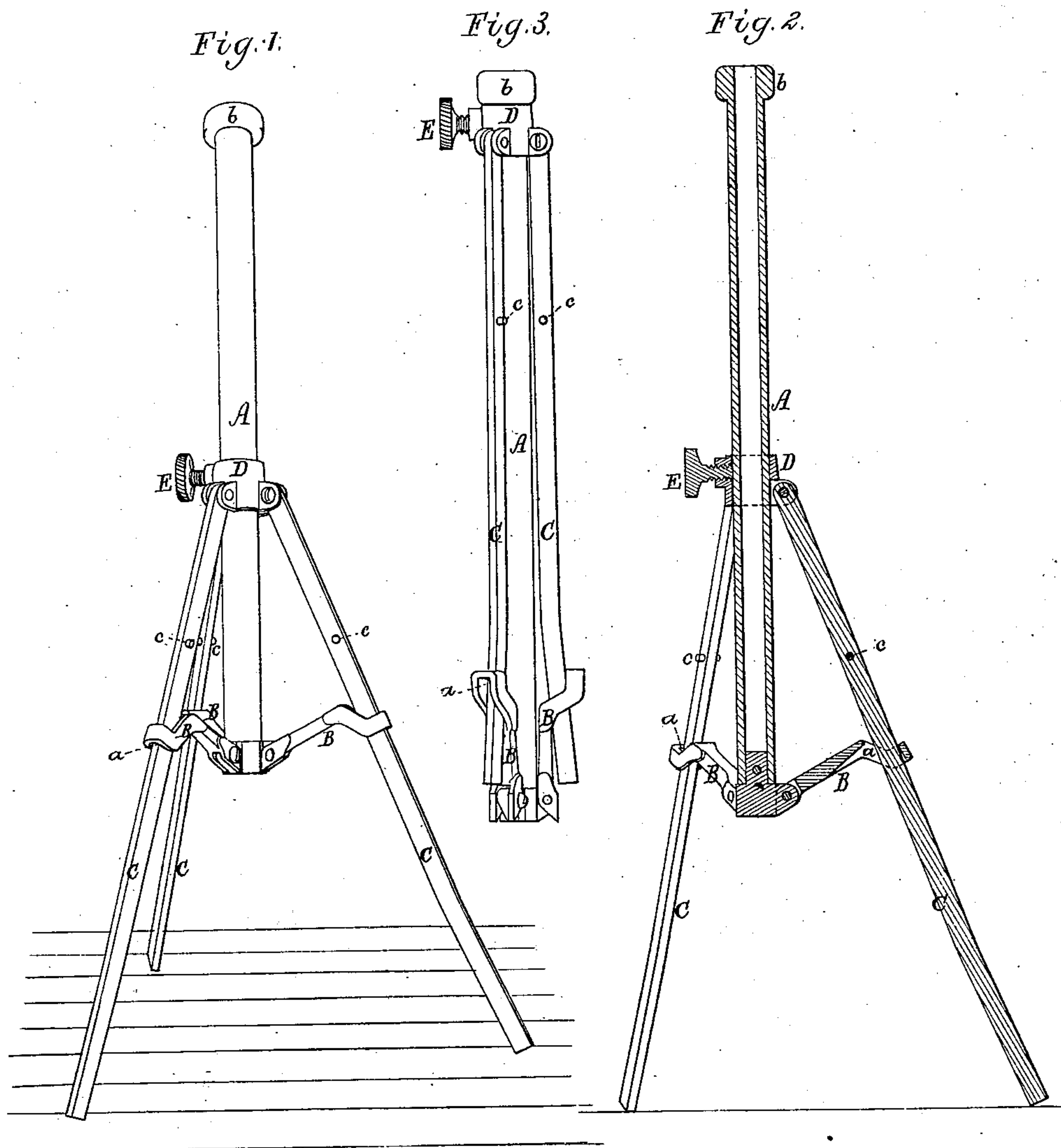


(No Model.)

H. PERKINS.
Tripod.

No. 243,298.

Patented June 21, 1881.



Witnesses.

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Inventor.

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UNITED STATES PATENT OFFICE.

HOWARD PERKINS, OF MANSFIELD, MASSACHUSETTS.

TRIPOD.

SPECIFICATION forming part of Letters Patent No. 243,298, dated June 21, 1881.

Application filed April 2, 1881. (No model.)

To all whom it may concern:

Be it known that I, HOWARD PERKINS, of Mansfield, of the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Tripods; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a perspective view of a tripod of my improved kind. Fig. 2 is a vertical section of it. Fig. 3 denotes it in a reduced or folded state.

The nature of invention is defined in the claim hereinafter presented.

15 In the drawings, A denotes a vertical rod, having jointed or hinged to it at its foot a series of three radial arms, B, each of which, formed as shown, is slotted near its outer end in manner as represented at *a*. Extending
20 down through each of the slots is one of a series of three legs, C, each of which at its upper part is hinged to a tube or collar, D, that encompasses the rod A and slides freely therein lengthwise of it. A set-screw, E, screwed
25 into the collar and against the rod, serves to clamp the collar to the rod.

The rod may answer as a support for a circumferentor or other surveying-instrument, a

table-top, or other device, when fixed to such rod at its upper part.

On drawing the rod upward through the collar the legs will be spread apart. So in depressing the rod within the collar until the head *b* of the rod may reach the latter, the whole tripod will be folded or reduced in manner as shown in Fig. 3.

I usually provide each leg with a stop or stud, *c*, for the sliding arm of such leg to bring up against, in order to limit the expansion of the legs. The rod can be adjusted in height, the clamp-screw serving to fix it in position at any assumed altitude within the limits of its motion.

I claim—

The described tripod, or combination of the slide-rod and the series of arms jointed to it at its foot and slotted, as described, with the sliding collar and the series of legs jointed thereto and extending through the slots of the arms, such collar being provided with a clamp-screw, and all being adapted and to operate substantially as set forth.

HOWARD PERKINS.

Witnesses:

ALFRED V. ROGERSON,
WILLIAM B. ROGERSON.