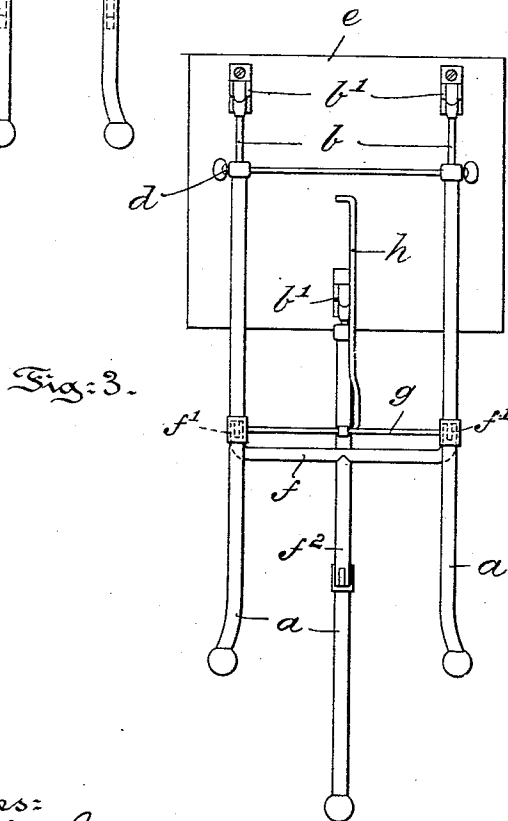
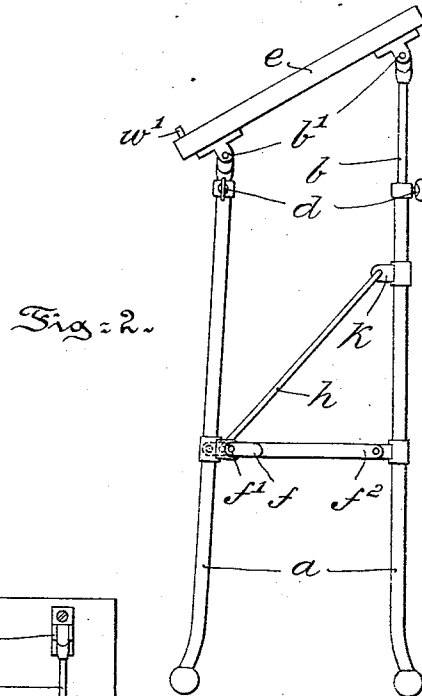
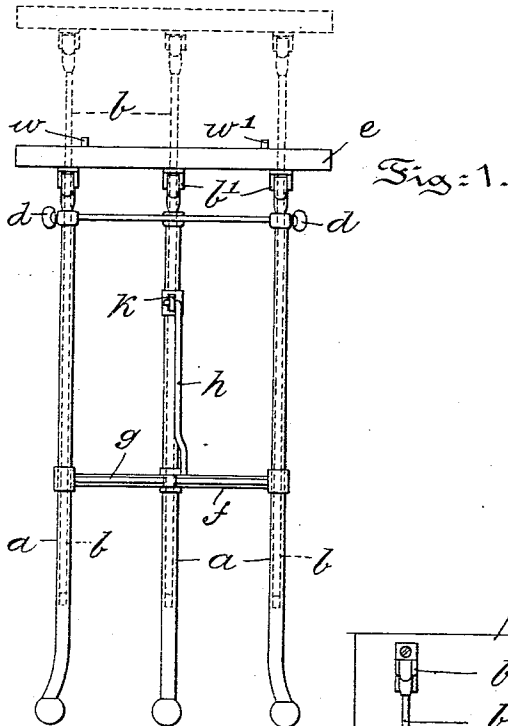


(No Model.)

E. G. PENFIELD.
ADJUSTABLE FOLDING STAND.

No. 571,980.

Patented Nov. 24, 1896.



Witnesses:
Thomas M. Smith.
Richard C. Maxwell.

Inventor:
Edward G. Penfield,
By J. Walter Douglass,
Attorneys.

UNITED STATES PATENT OFFICE.

EDWARD G. PENFIELD, OF NEW HAVEN, CONNECTICUT.

ADJUSTABLE FOLDING STAND.

SPECIFICATION forming part of Letters Patent No. 571,980, dated November 24, 1896.

Application filed April 20, 1896. Serial No. 588,316. (No model.)

To all whom it may concern:

Be it known that I, EDWARD G. PENFIELD, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Adjustable Folding Stands, Pedestals, Easels, or the Like, of which the following is a specification.

My invention has relation to a stand, pedestal, or similar support which is readily adjustable to assume required positions and which when not in use may be readily folded together, and in such connection it relates particularly to the construction and arrangement of such a device or appliance.

The principal objects of my invention are, first, to provide an adjustable folding stand, pedestal, or similar support of simple construction and cheap and durable; and, second, to provide a support consisting of three hollow standards, a rod adjustable in each support, a table pivotally connected with each rod, a forked brace pivoted at its forked end to two of the standards and at its other end to the third standard, and a locking device adapted to secure the three standards firmly together.

My invention, stated in general terms, consists of an adjustable folding stand, pedestal, or similar support constructed and arranged in substantially the manner hereinafter described and claimed.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, and in which—

Figure 1 is a front elevational view of a stand embodying main features of my invention, the table of the stand being in horizontal position and adapted to be raised in the standards, as indicated by dotted lines. Fig. 2 is a side elevational view of the stand, the table being tilted with respect to the front standards; and Fig. 3 is a rear elevational view of the stand when folded.

Referring to the drawings, *a* represents the three hollow standards or legs of the device. Slidable in each of the standards *a* is a rod *b*, adapted to be locked in required position with respect to the standards by means of a set or thumb screw *d* or other similar fasten-

ing device. The upper end of each rod *b* is by means of a hinge connection *b'* connected with a table *e*, the connection being such that the table may describe an arc of approximately one hundred and eighty degrees about the end of each rod *b*. To the front standards is pivoted, as at *f'*, the forked ends *f* of a brace substantially T-shaped, as shown, but this brace may be of any other preferred form. The other end, *f''*, of said brace is hinged to the rear standard. The front standards are bound together by a bar *g*, and with the rear standard by means of a latch *h*, engaging said bar and adapted to enter an eye *k*, connected with the rear standard, as clearly illustrated in Fig. 2.

In operation, to form a stand or support having a horizontal table *e*, the three standards *a* are locked together, as illustrated in Fig. 1, and each of the rods *b* is pushed into the hollow standards an equal distance. If now the table *e* is to be raised, all three rods *b* are extended from the standards an equal distance and locked by means of the set or thumb screw *d*. When the stand is to be adjusted, as indicated in Fig. 2, to form an easel or drawing-table, the table *e* is tilted upon its pivotal support on either the two front rods or the rear rod, and for this purpose either the rear rod or the two front rods must be elevated from the hollow standards to give to the top edge of the table the required elevation above the lower edge. Thus if the table *e* is tilted with respect to the front standards the rear rod must be extended from the rear standard, and vice versa. In such use of the table *e* pins or studs *w* and *w'* may be inserted into openings provided in the lower portion of the table *e* to form rests for mounting an article upon the face thereof in such tilted position of the same. At the same time by reason of the pivotal connection of the front and rear standards with the brace they are permitted to be in inclined relationship with each other instead of parallel.

To fold the stand the catch or latch *h* is released from the eye *k* of the rear standard. The table is then tilted on the front or rear standards until it is approximately parallel therewith and the standards brought together, the brace folding flat between the same, as clearly illustrated in Fig. 3 of the drawings.

It will be manifestly obvious owing to the particular construction of my invention that the same is adapted to many other purposes than those which have been mentioned without departing from the spirit and scope thereof; and, moreover, it is manifestly plain that as to minor details modifications may be made in parts of the invention without sacrificing any of the functions thereof, and hence I do not wish to be understood as limiting myself to the precise construction and arrangement of all the parts hereinbefore explained; but,

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

1. In an adjustable folding stand or similar support, the combination of three standards, a brace connected with two of said standards and hinged to the third, rods extensible in said standards, and a table pivotally connected with the upper ends of said

rods, substantially as and for the purposes described.

2. In an adjustable folding stand or similar support, the combination of the front and rear standards, a brace hinged to one of said standards and pivotally connected with the other two, rods extensible in said standards provided with set-screws, a table pivoted to the upper end of each of said rods, a bar connecting the front standards together, an eye formed with the rear standard, and a latch engaging said bar and adapted to enter said eye, substantially as and for the purposes described.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

EDWARD G. PENFIELD.

Witnesses:

J. WALTER DOUGLASS,
THOMAS M. SMITH.