

A. Cutler,

Table-Leaf Support.

N^o 59,974.

Patented Nov. 27, 1866.

Fig. 1.

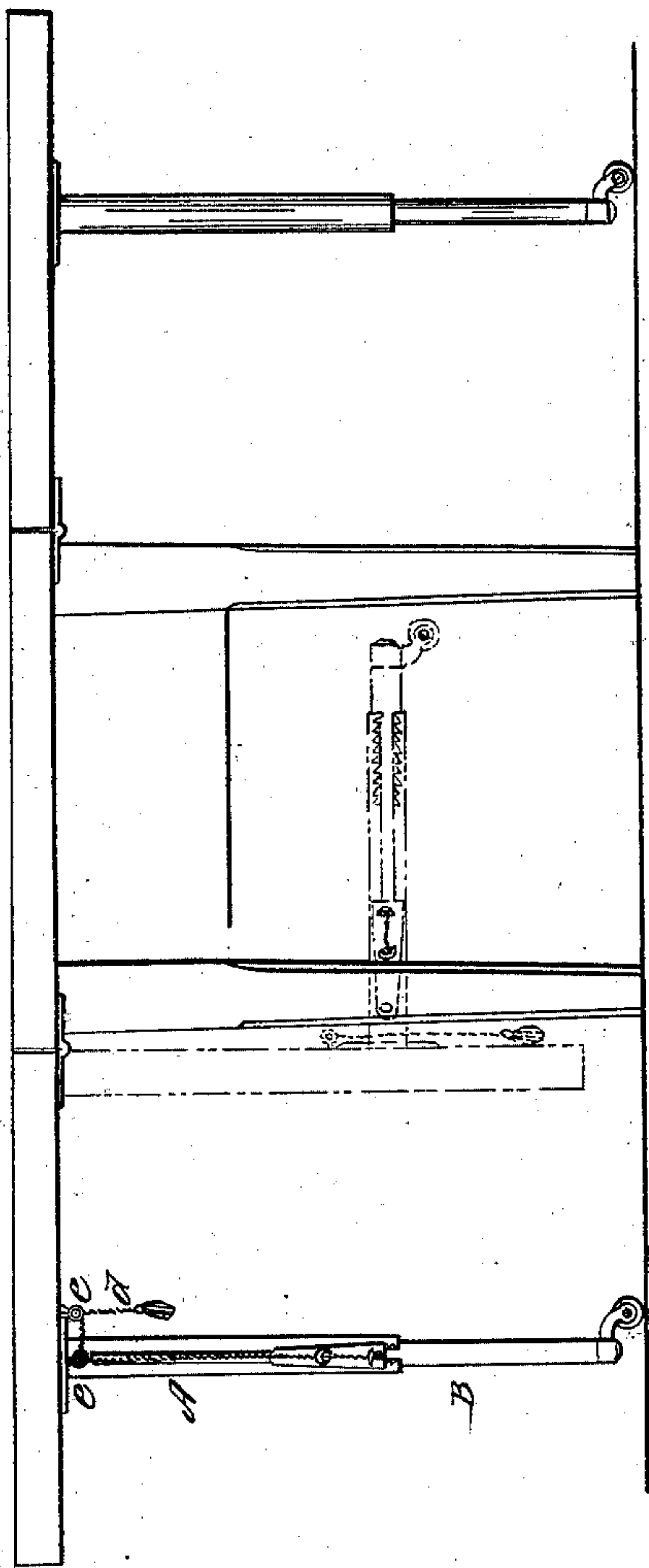
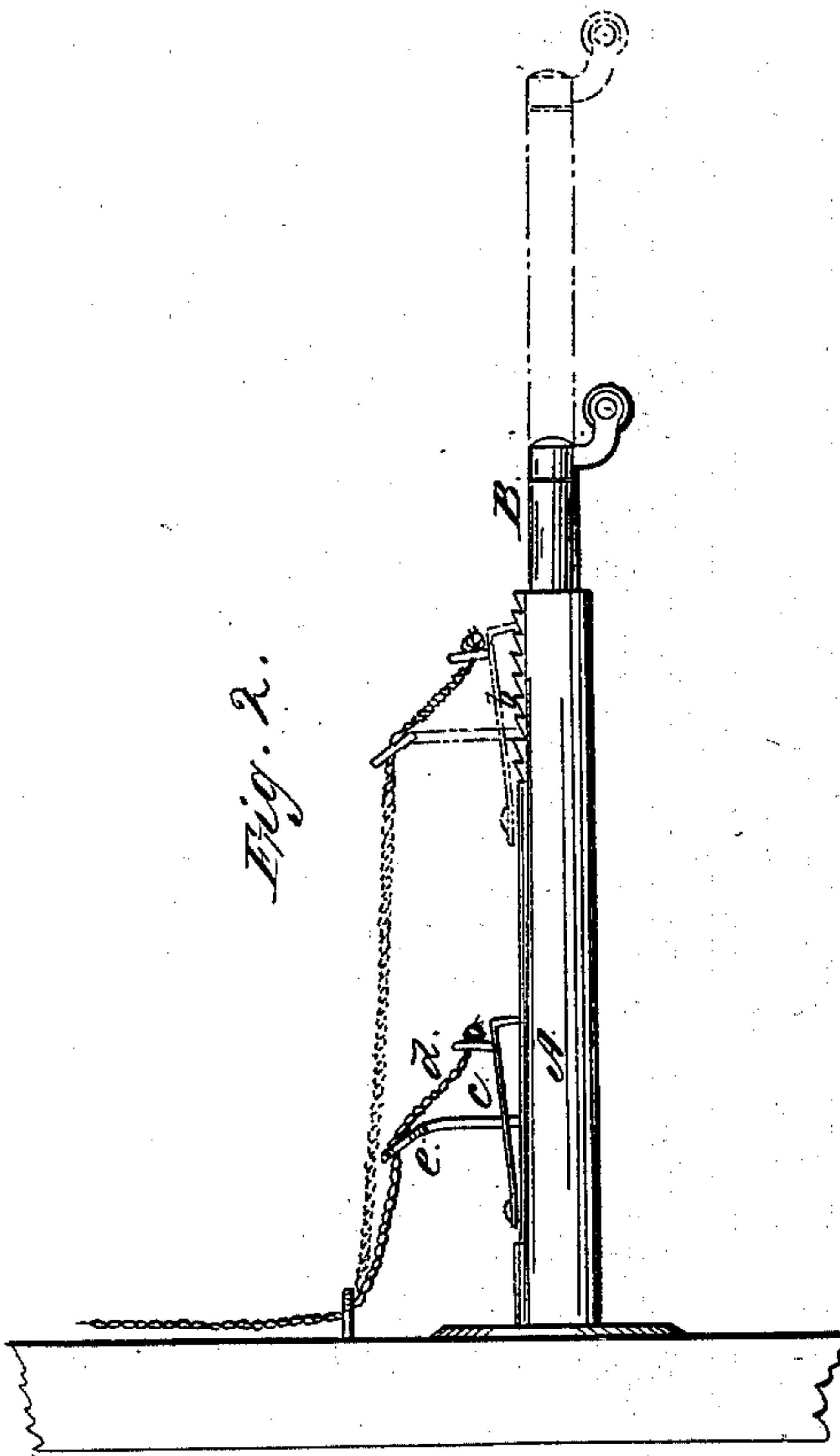


Fig. 2.



Witnesses:
J. G. Clayton
George Ellis

Inventor:
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United States Patent Office.

IMPROVED TABLE-LEAF SUPPORT.

ALPHEUS CUTLER, OF PITTSBURGH, PENNSYLVANIA.

Letters Patent No. 59,974, dated November 27, 1866.

SPECIFICATION.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALPHEUS CUTLER, of Pittston, in the county of Luzerne, and State of Pennsylvania, have invented certain new and useful improvements in Extension Leg or Table-Leaf Supporters; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to letters of reference marked thereon, in which—

Figure 1 is an end view.

Figure 2 is a detached view of the leg.

The nature of my invention consists of an extension table leg to be used as a table-leaf supporter, as will be hereinafter set forth. To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the construction of my invention, I make my tables, to which it is applied, in any of the usual forms and of any usual material in and of which tables are generally made. In making my table leg I use for the upper end of said leg a cast-iron socket or cylinder, A, in fig. 2, which acts as a sleeve, of about fourteen inches long and about an inch and a quarter in diameter, with a head cast on the same about three inches in diameter, of the required thickness for strength, in which are holes for screws to attach the same to the table leaf. The lower portion of the leg, marked B, is made of wood, turned in style to correspond with the other legs of the table, and which fits snugly into the upper part of the leg, A, and slides smoothly up and down in it. I cut in part A a slot *a'* about a foot or thirteen inches long, and about three-eighths of an inch wide. On each side of this slot are ratchet teeth, *b b*, to receive the spring-pawl, *c*, to prevent the leg, when extended, to slide up or together until detached from its hold; *d* is a cord passing on the right-hand side of the table through small eyelets, *e*, which are screwed into the under side of the table leaf—seen in fig. 1—and is attached by the other end to the spring-ratchet *c*, in fig. 2.

In the operation of my invention, I take hold of the end of the leaf and cord with the same hand and raise up the leaf to its proper position, holding both the table and cord with the same hand; I then let go the cord, when the part of the leg B falls of its own weight to the floor, and the spring-pawl, *c*, at once catches into the ratchet and holds the leg, as a leaf supporter, firmly in its required position. To lower the leaf, I take hold of it with one hand to ease it down, and with the other draw the cord, thus detaching the spring-pawl, and the weight of the leaf, as it goes down, causes the parts A and B of the leg to pass into each other and swing out of the way under the table, snugly folded up. I do not attach any part of my invention to the frame of the table, only to the leaf.

My invention is a great improvement in tables where there is any unevenness of the floor, as my extension supporter will avoid all this inconvenience. Another great advantage of my improvement is, that it avoids the wear and tear of a dining-room carpet by scraping the movable legs over it.

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

An adjustable extension leg or table-leaf supporter, constructed as described and operating as set forth.

In testimony that I claim the above-described adjustable extension table-leaf supporter, I have hereunto signed my name, this 25th day of October, 1866.

ALPHEUS CUTLER.

Witnesses:

T. G. CLAYTON,
GEORGE ELLIS.