

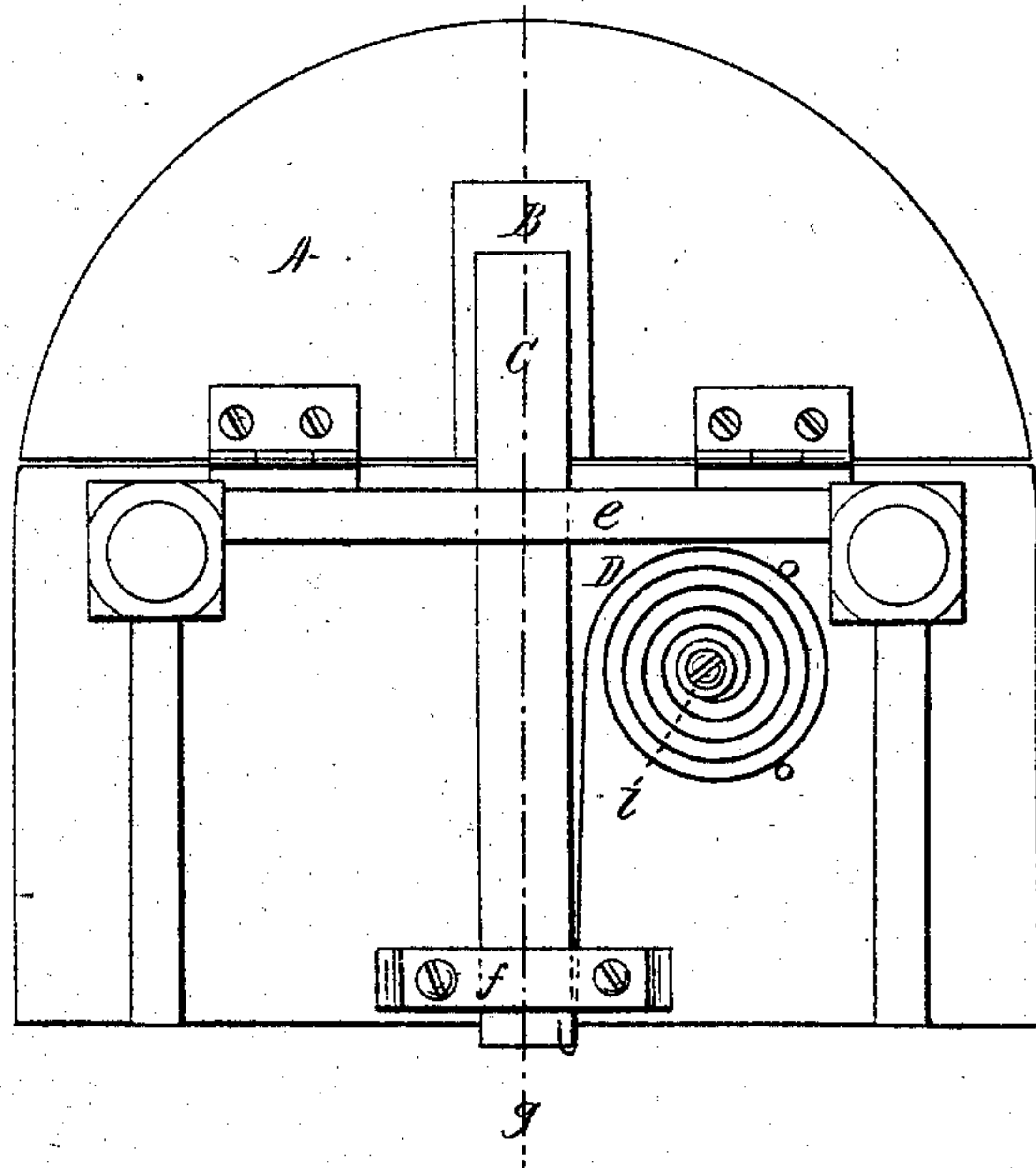
W. JEFTS.

Table Leaf-Supports.

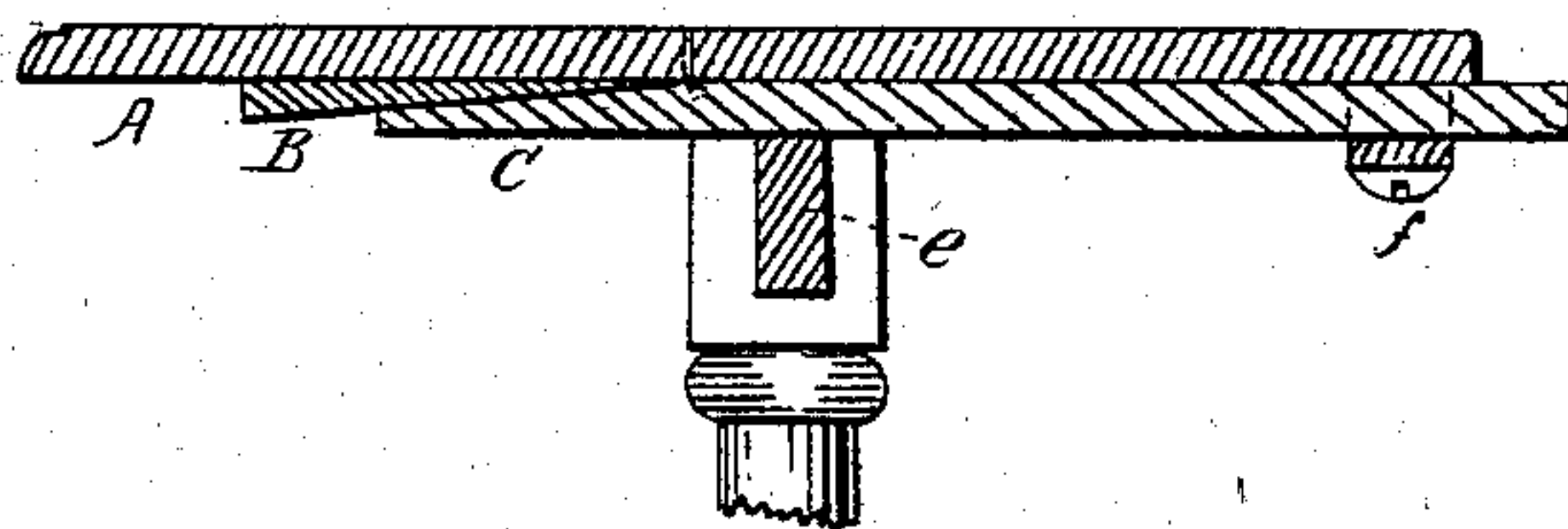
No. 136,836.

Patented March 18, 1873.

*Fig 1.*



*Fig 2.*



Witnesses.

Fred M. Wadleigh  
Uriah Smith

Inventor.

Willard Jeffs

# UNITED STATES PATENT OFFICE.

WILLARD JEFTS, OF BATTLE CREEK, MICHIGAN.

## IMPROVEMENT IN TABLE-LEAF SUPPORTS.

Specification forming part of Letters Patent No. **136,836**, dated March 18, 1873.

*To all whom it may concern:*

Be it known that I, WILLARD JEFTS, of Battle Creek, in the county of Calhoun and State of Michigan, have invented certain Improvements in a Table-Leaf Support, of which the following is a specification:

### *Nature and Objects of the Invention.*

My invention relates to the combination of a wedge, slide, and spring in such a manner as to form a self-acting support to the leaf of a table; the object of this arrangement being to obviate the sagging of the table-leaf.

### *Description of the Accompanying Drawing.*

Figure 1 is a plan of the arrangement embodying my invention. Fig. 2 is a longitudinal sectional view in the direction of the dotted line *g g*.

### *General Description.*

A is the leaf of the table. B is a wedge-shaped piece attached to the under side of the leaf A. C is the slide, and D is the spring.

The operation and object of this support will be readily understood from the accompanying drawing. The slide C is supported and guided in its operation by passing through the table-frame *e* and the support *f*. To the inner

end of the slide C is attached one end of the coil-spring D, the other end of which is permanently fixed to the table at *l*. As the slide is pushed in for the purpose of dropping the leaf, carrying with it one end of the spring, the spring is drawn into a state of tension; and as the leaf is raised, the elasticity of the spring instantly throws out the slide till its motion is arrested by the wedge B.

It is designed to construct this support in such a way that at first the slide C shall be able to pass only partially over the wedge B; but as from wear or shrinkage the leaf would be inclined to sag without some further support, the slide C will be thrown out still further by the spring D, and, following up on the wedge B, will always keep the leaf in a firm and horizontal position.

### *Claim.*

I claim as my invention—

The wedge B, the slide C, and the spring D, all combined and arranged substantially as and for the purpose hereinbefore set forth and described.

WILLARD JEFTS.

Witnesses:

FRED. M. WADLEIGH,  
URIAH SMITH.