

(No Model.)

2 Sheets—Sheet 1.

F. M. XIQUES.

NEWSPAPER FILE.

No. 332,769.

Patented Dec. 22, 1885.

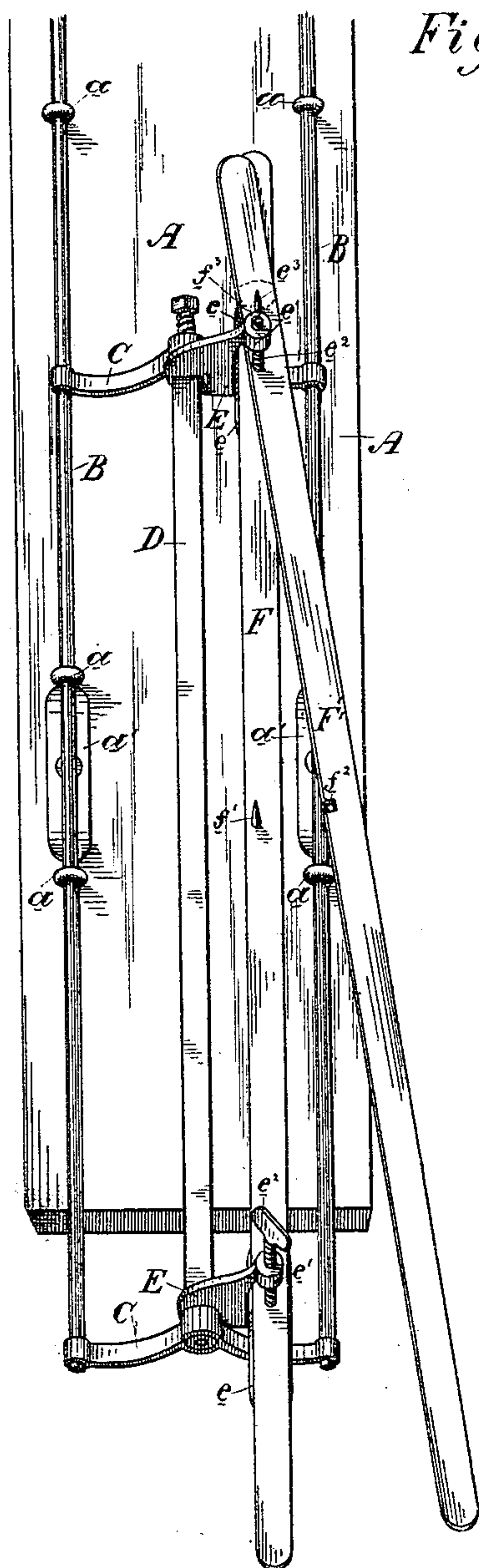


Fig. 1.

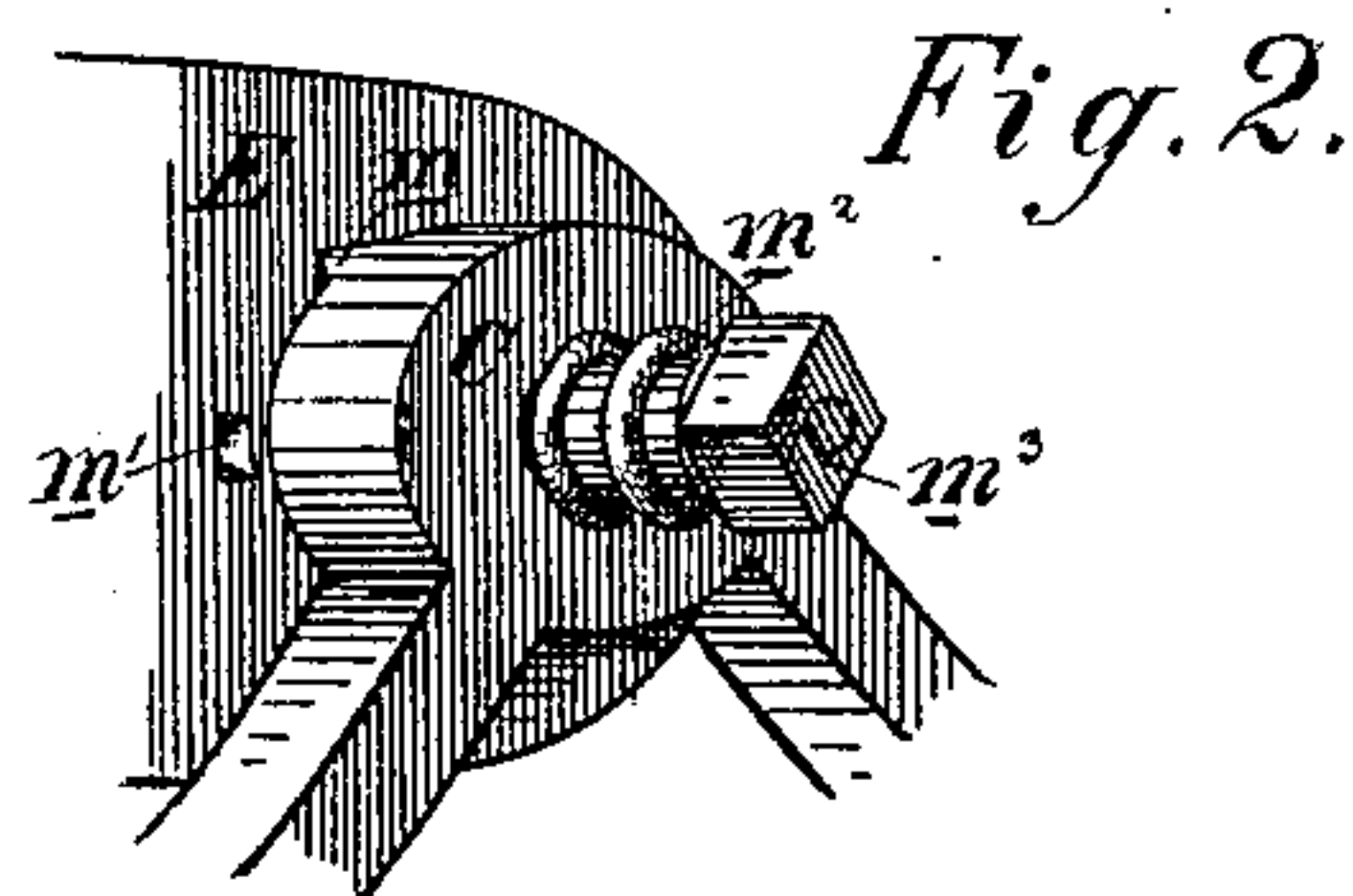


Fig. 2.

Witnesses,
Geo. H. Strong
J. H. Morse.

Inventor,
F. M. Xiques
By Dewey & Co.
Attorneys

(No Model.)

2 Sheets—Sheet 2.

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Fig. 3.

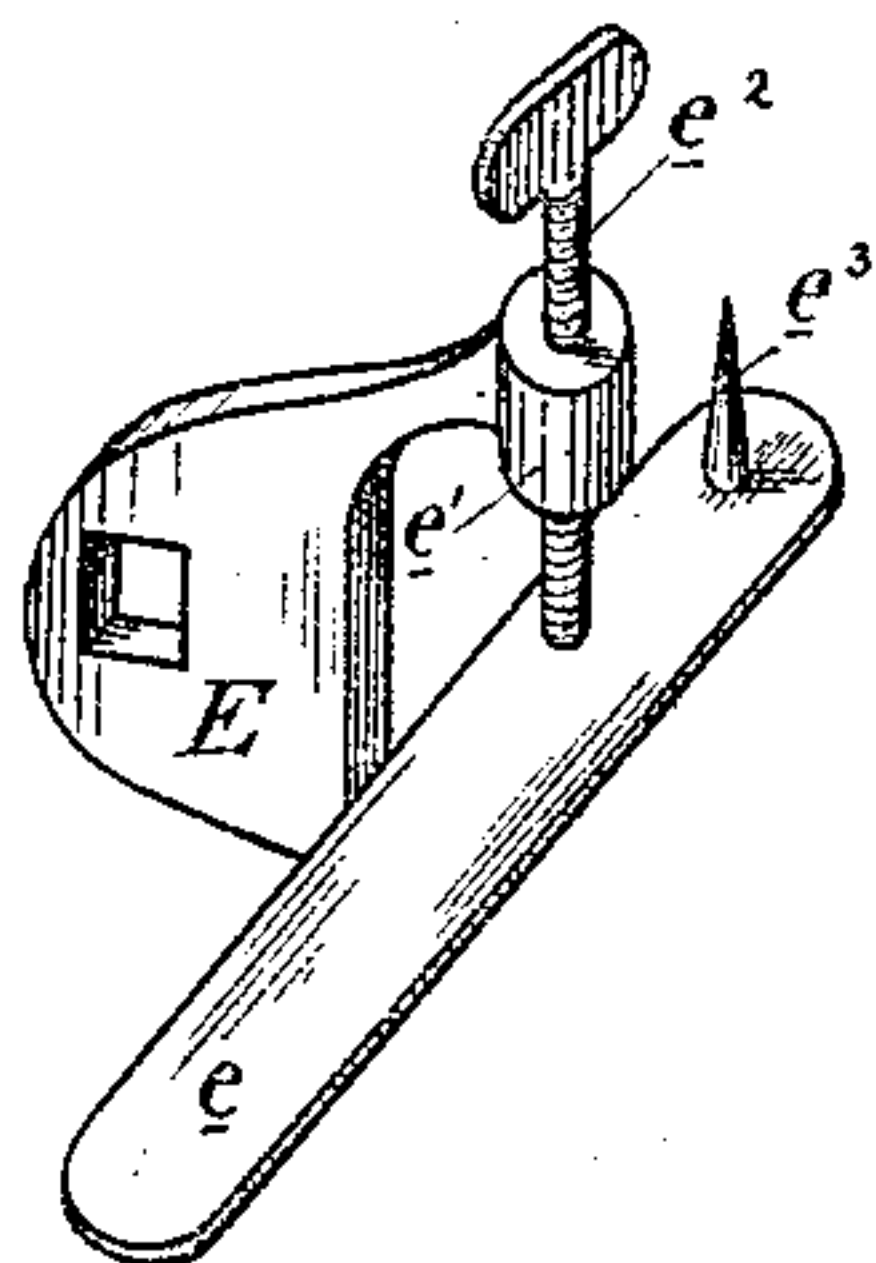


Fig. 4.

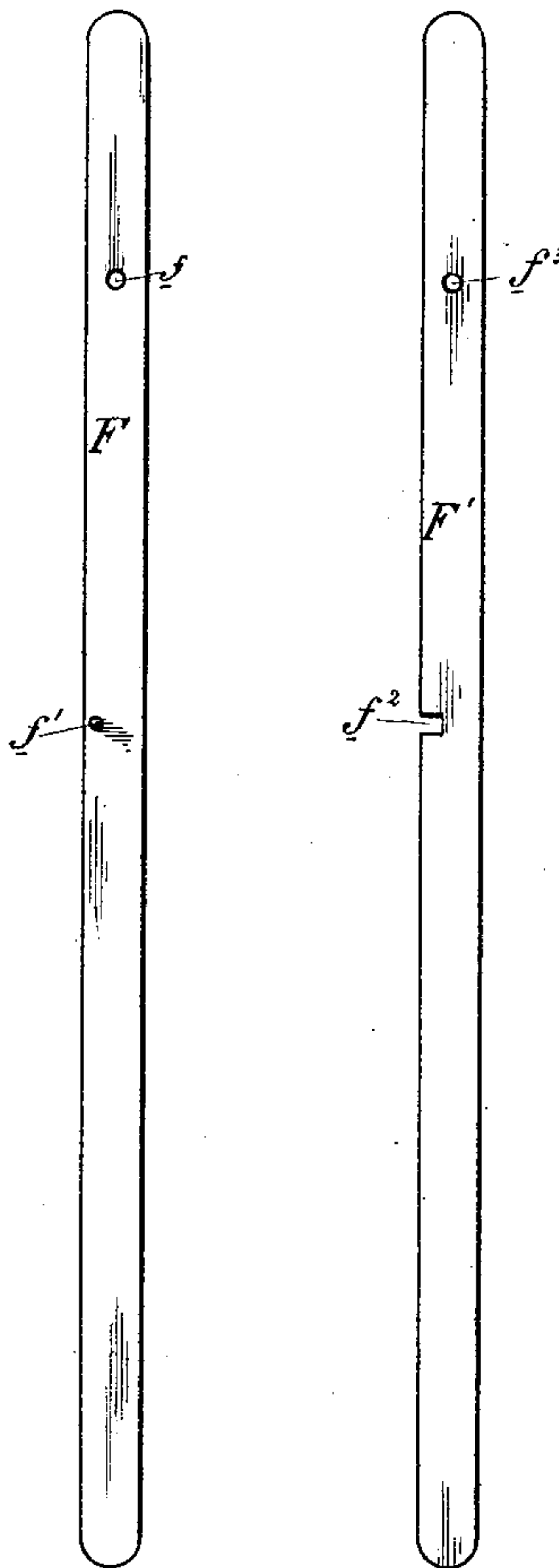
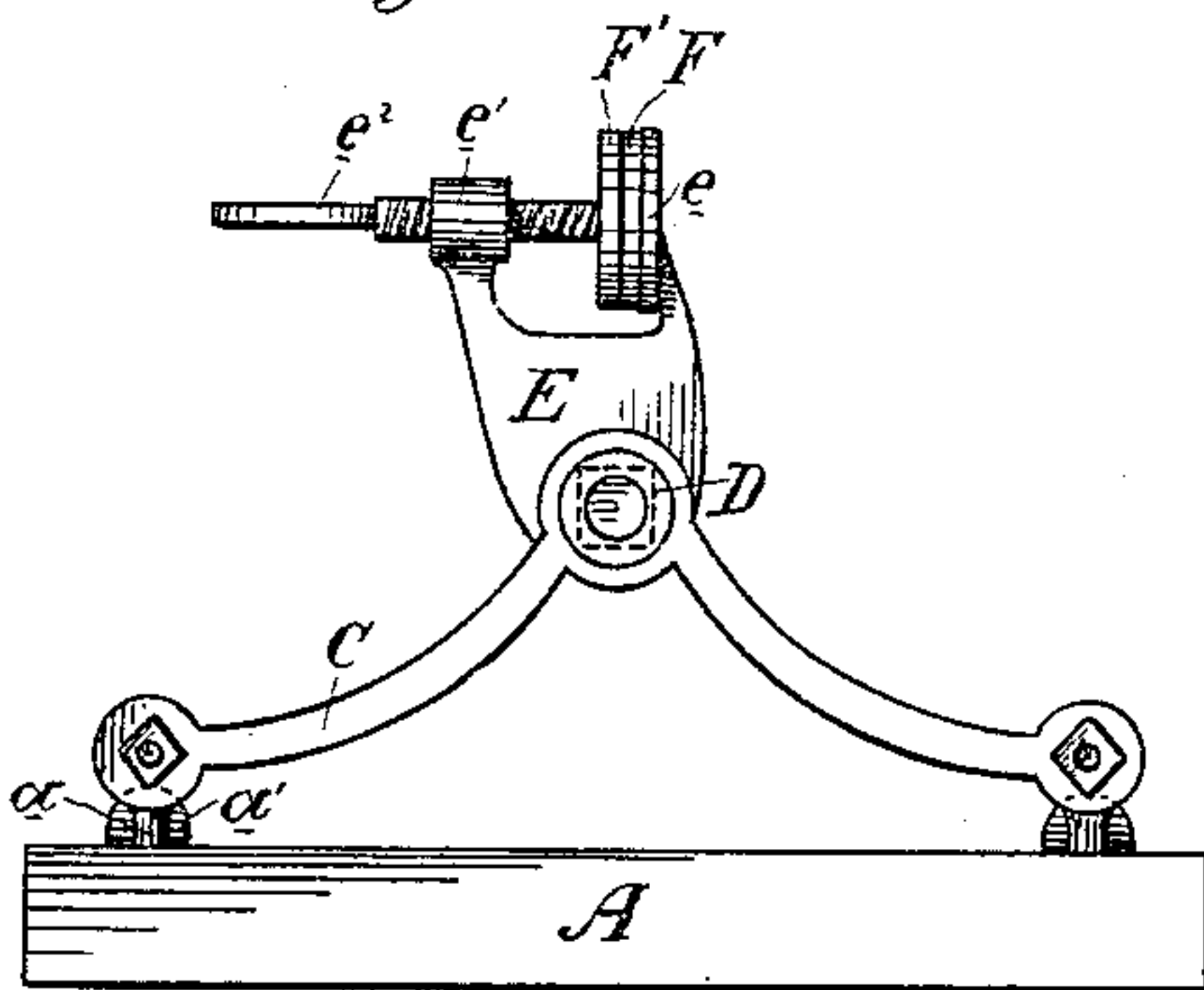


Fig. 5.



Witnesses,

Geo H Strong
J. H. Morse

Inventor,
F. M. Xiques
By
Dewey & Co.
attorneys

UNITED STATES PATENT OFFICE.

FRANK M. XIQUES, OF ARCATA, CALIFORNIA.

NEWSPAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 332,769, dated December 22, 1885.

Application filed April 27, 1885. Serial No. 163,640. (No model.)

To all whom it may concern:

Be it known that I, FRANK M. XIQUES, of Arcata, Humboldt county, State of California, have invented an Improvement in Newspaper-Files; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a new and useful paper-file; and it consists in the devices hereinafter described, and pointed out in the claims.

Referring to the accompanying drawings, Figure 1 is a perspective view of my paper-file. Fig. 2 is a perspective view showing the catch at one end of the shaft D. Fig. 3 is a perspective view of the upper clamp. Fig. 4 is an elevation of the clamping-bar. Fig. 5 is an end view showing the clamps moved to a changed position when the shaft D is turned.

A is a piece, which here represents any bench or other suitable backing for the device. It is provided with socket-guides *a*, in which are fitted and adapted to slide the rods B, which form the carriage, and by which the file is adapted to be adjusted, as I shall hereinafter show. These rods are held closely to their seats by means of springs *a'*, whereby the carriage is adapted to remain where adjusted under any ordinary weight, and at the same time is adapted by the exercise of a little force to move in its guides. Secured transversely between the rods B of the carriage are brackets C, in the tops of which is mounted, by means of journal ends, the oscillating rod or rock-shaft D. Upon this shaft are mounted the clamps E, which consist of a base or bearing plate, *e*, and an overlying threaded socket, *e'*, through which fits the clamping-screw *e''*.

F is the lower or inner clamping-bar, and F' is the upper or outer clamping-bar. The bar F is provided with a hole, *f*, which fits and pivots upon a pin, *e''*, on the bearing-plate *e* of the upper clamp. This bar has also a pin, *f'*, which fits in a notch, *f''*, on the upper bar, said bar being also provided with a hole, *f'''*, which fits over the pin *e''*. The bar F, when in position, rests upon the bearing-plate *e* of the clamps, and the upper bar, F', rests upon the bar F, while the clamping-screws bear down upon said upper bar and force it tightly

against whatever intervening substance may be placed between the two clamping-bars.

The operation of the file is as follows: The clamping-screws are withdrawn from the bars, which are then turned outwardly on the pivot-pin *e''*, and the upper bar, F', is removed. The papers are placed upon the lower bar, F, the pins *e''* and *f'* penetrating their backs. The bar F' is fitted back to its place, and both bars are then turned on their pivot, back to their position under the clamping-screws, which are thereupon turned down to bind the bars together, and thus to clamp the papers between them. When it is desired to turn the papers from one position to a position at right angles, the oscillating rod or rock-shaft D is turned, thus carrying over the clamps with the clamping-bars and the papers—that is to say, the clamp-bars may thus be turned from a position in which they lie with their flat sides parallel to the bench or backing A to a position in which said sides lie at right angles thereto, and thus the papers may be moved from a position in which they extend parallel with the backing to a position in which they lie at right angles thereto, whereby facility of access is afforded to the whole file contents, which resembles a book held squarely before the reader.

By means of the traveling carriage the whole file may be adjusted longitudinally for the purpose of bringing the papers to the proper focus for the use of each individual.

In order to hold the file in a position in which it resembles a book, I have the following device: On the inner surface of the upper bracket, C, is made a small tooth, *m*, and in the contiguous surface of the body of the bracket E is made a shallow and approximately V-shaped socket, *m'*. The journal of shaft D projects beyond its bearing, and has encircling it a spring, *m''*, which is confined between the bracket and a nut, *m'''*, on the end of the journal. The tendency of this spring is to keep the shaft so set that the clamp is kept in close contact with the bracket, which thus keeps the tool and its socket in engagement. This engagement is effected when the flat surface of the clamping-bars is at right angles with the bench, whereby the newspapers are thus

held with sufficient security in that position; but by a little force the engagement may be broken, and the file may be turned to a position at right angles.

5 When newspapers and periodicals of a small size are to be filed, the longitudinal adjustment of the device is not necessary, and the carriage may therefore be dispensed with. In this case the brackets C would be secured directly and rigidly to the bench or backing A.

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

1. In a paper-file, the parallel independent clamping-bars F F', adapted to bind the papers, pamphlets, &c., between them, in combination with the clamps E, having bearing-plates *e*, carrying the bars F F', and clamping-screws *e*², binding said bars on their intervening material, substantially as herein described.

2. In a paper-file, the parallel independent clamping-bars F F', receiving the papers, pamphlets, &c., between them, in combination with the clamps E, having bearing-plates *e*, carrying the clamping-bars, and clamping-screws *e*², binding said bars, and the pin *e*³ on one of the clamps, on which the bars are pivoted, whereby they may readily be turned free of the screws to separate them for the admission of the file contents, substantially as herein described.

3. In a paper-file, the lower or inner bar, F, having impaling-pin *f*' and hole *f*, and the outer or upper bar, F', having notch *f*² and hole *f*³, as described, in combination with the clamps E, having bearing-plates *e*, on which the bars rest, and screws *e*², binding on said bars, and the pivot-pin *e*³ on one of the clamps fitting in the holes *f* *f*³ of the bars, substantially as herein described.

4. In a paper-file, the rock-shaft D, in combination with the clamping-bars F F', adapted to receive and bind the papers, pamphlets, &c., between them, and connections between said bars and shaft whereby they may be turned about said shaft as a center from one position to another at right angles, substantially as herein described.

5. In a paper-file, the clamping-bars F F', adapted to receive and bind the papers, pamphlets, &c., between them, in combination with the rock-shaft D and the clamps E, fixed on the shaft, and having bearing-plates *e*, supporting the bars, and screws *e*² clamping them, substantially as herein described.

6. In a paper-file, a rock-shaft, fixed brackets in which said shaft is mounted, and clamps fixed on the shaft, and consisting of bearing-plates and oppositely-placed binding-screws, in combination with independent parallel clamping-bars lying on the bearing-plates and

bound by the screws of the clamps, said bars being adapted to receive and bind the papers, pamphlets, &c., between them, substantially as herein described.

7. In a paper-file, the combination of an adjustable or traveling carriage, clamps mounted thereon, and bars secured by the clamps and adapted to receive and bind the papers, pamphlets, &c., between them, substantially as herein described.

8. A paper-file comprising an adjustable carriage, brackets on said carriage, a rock-shaft mounted in the carriage, clamps carried by the rock-shaft, and bars actuated by the clamps and adapted to receive and bind the papers and pamphlets between them, substantially as herein described.

9. In a paper-file, the rods B, adapted to move longitudinally on a fixed backing or bench and forming a carriage, the brackets C on the rods, and the rock-shaft D in the brackets, and the clamps E on the rock-shaft, having bearing-plates *e* and screws *e*², in combination with the clamping-bars F F', seated on the plates and bound by the screws, substantially as herein described.

10. The backing or bench A, having guide-sockets *a* and springs *a*', the rods B, mounted and adapted to slide in the sockets and controlled by the springs, the brackets C on the rods, the rock-shaft D in the brackets, and the clamps E on the rock-shaft, having bearing-plates *e* and screws *e*², in combination with the clamping-bars F F', seated on the plates and bound by the screws, substantially as herein described.

11. In a paper-file, the brackets C, rock-shaft D, and clamps E, for securing the paper-clamping bars, as described, in combination with the means for fixing the rocking adjustment of the clamps, consisting of the tooth *m* on the bracket, the socket *m*' in the clamp, and the controlling-spring *m*² on the shaft, substantially as herein described.

12. A paper-file comprising the traveling carriage B, brackets C on the carriage, rock-shaft D in the brackets, clamps E on the rock-shaft, having bearing-plates *e* and screws *e*², and the independent laterally-swinging clamping-bars F F', resting on the bearing-plates of the clamps and pivoted to one of them, as described, and having pins for impaling the papers, &c., all arranged and adapted to operate substantially as herein described.

In witness whereof I have hereunto set my hand.

FRANK M. XIQUES.

Witnesses:

C. D. COLE,
J. H. BLOOD.