

(No Model.)

2 Sheets—Sheet 1.

R. H. F. BEHRENS.

FLOWER STAND.

No. 318,593.

Patented May 26, 1885.

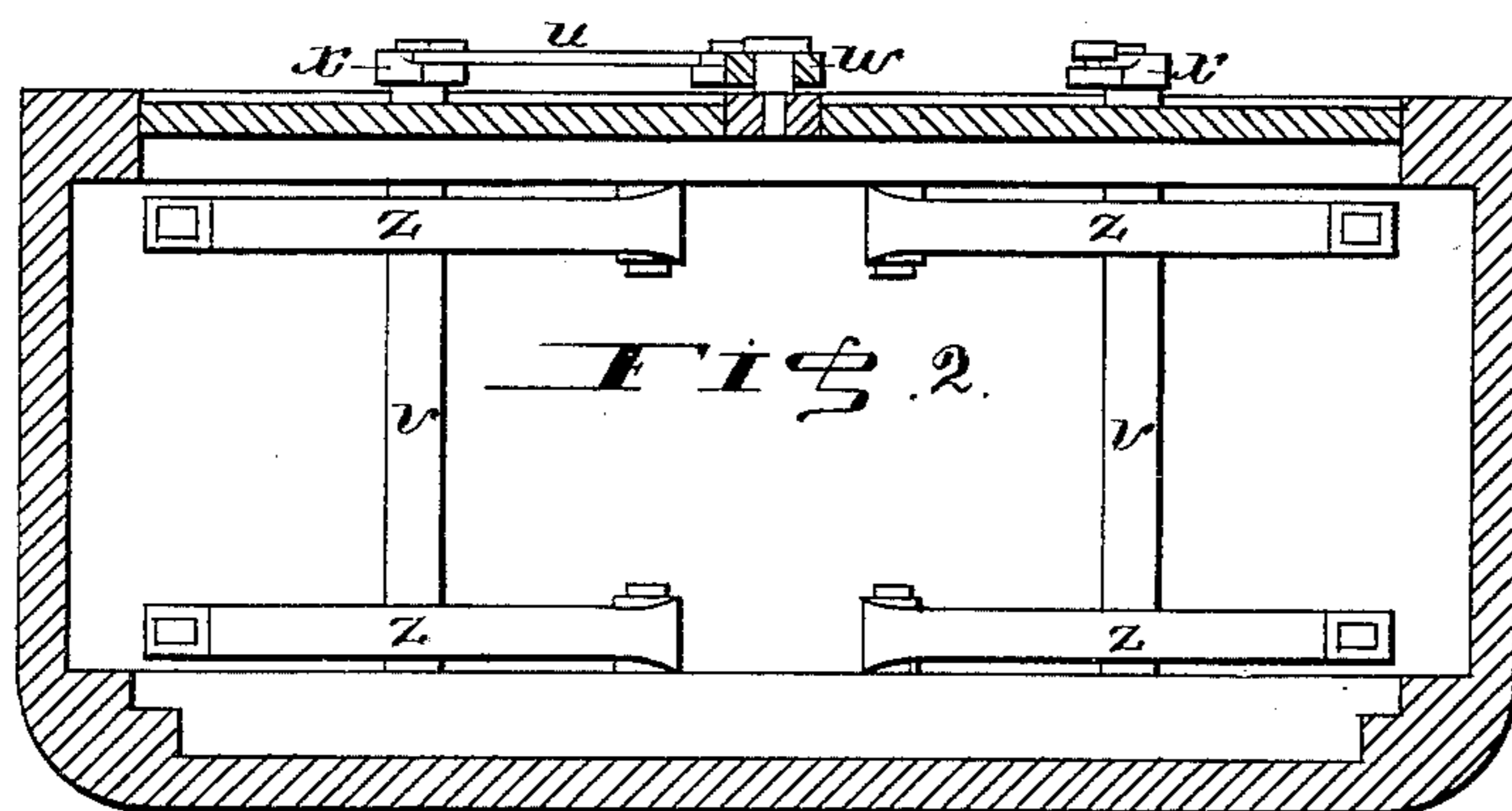
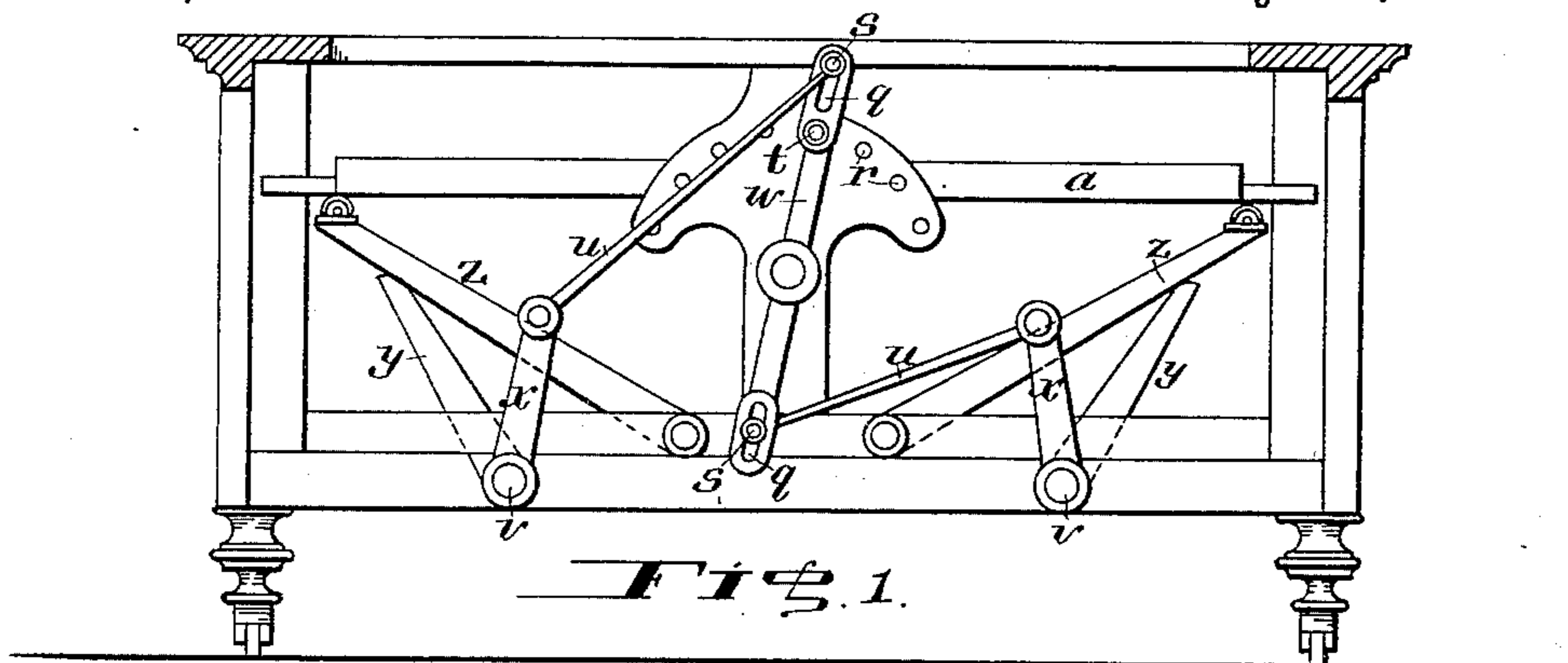
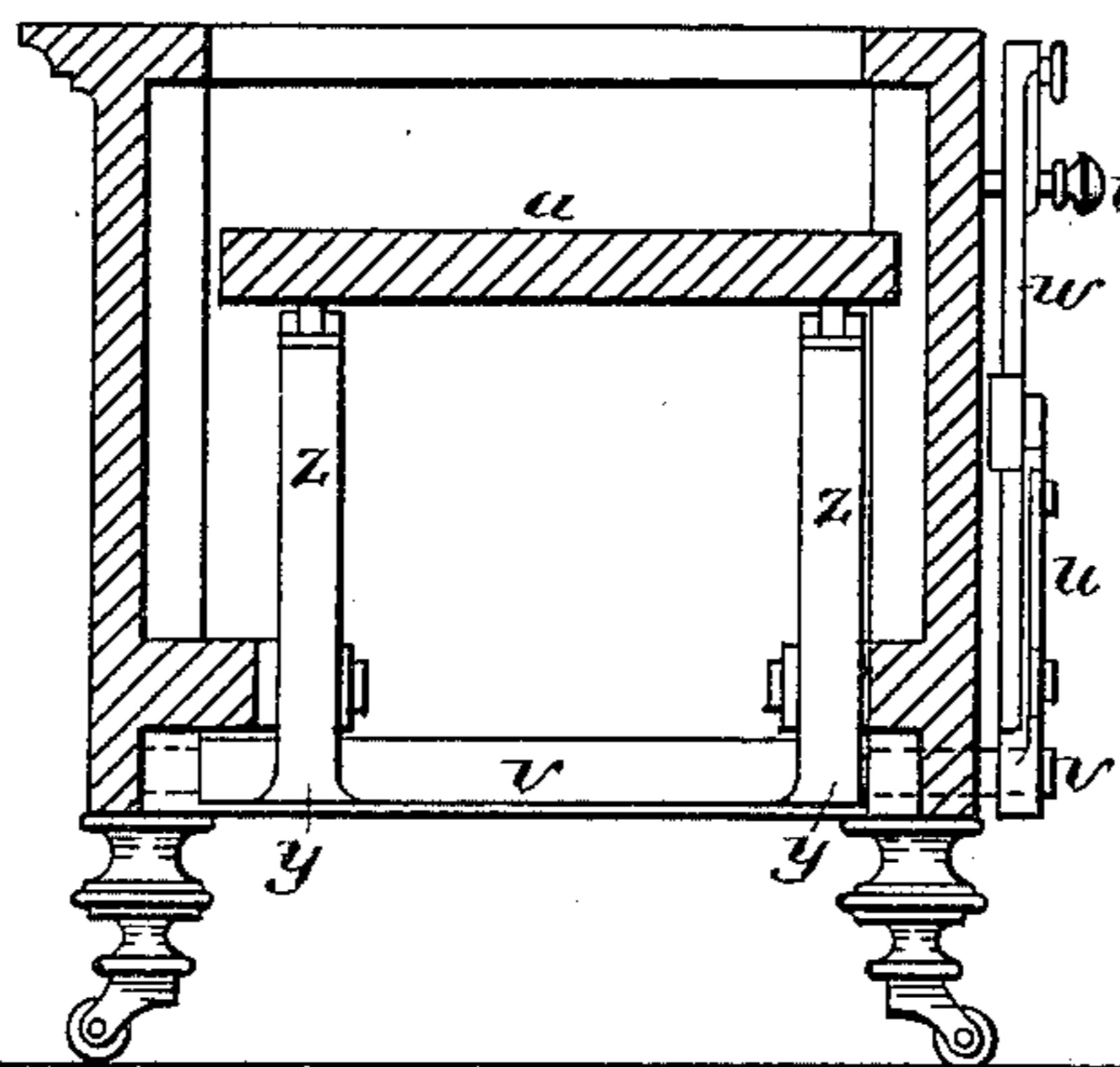


Fig. 3.



WITNESSES

C. J. Belk
O. S. Clark

INVENTOR

Robert H. F. Behrens,
By *Pain & Ladd,*
Attorneys,

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Fig. 4.

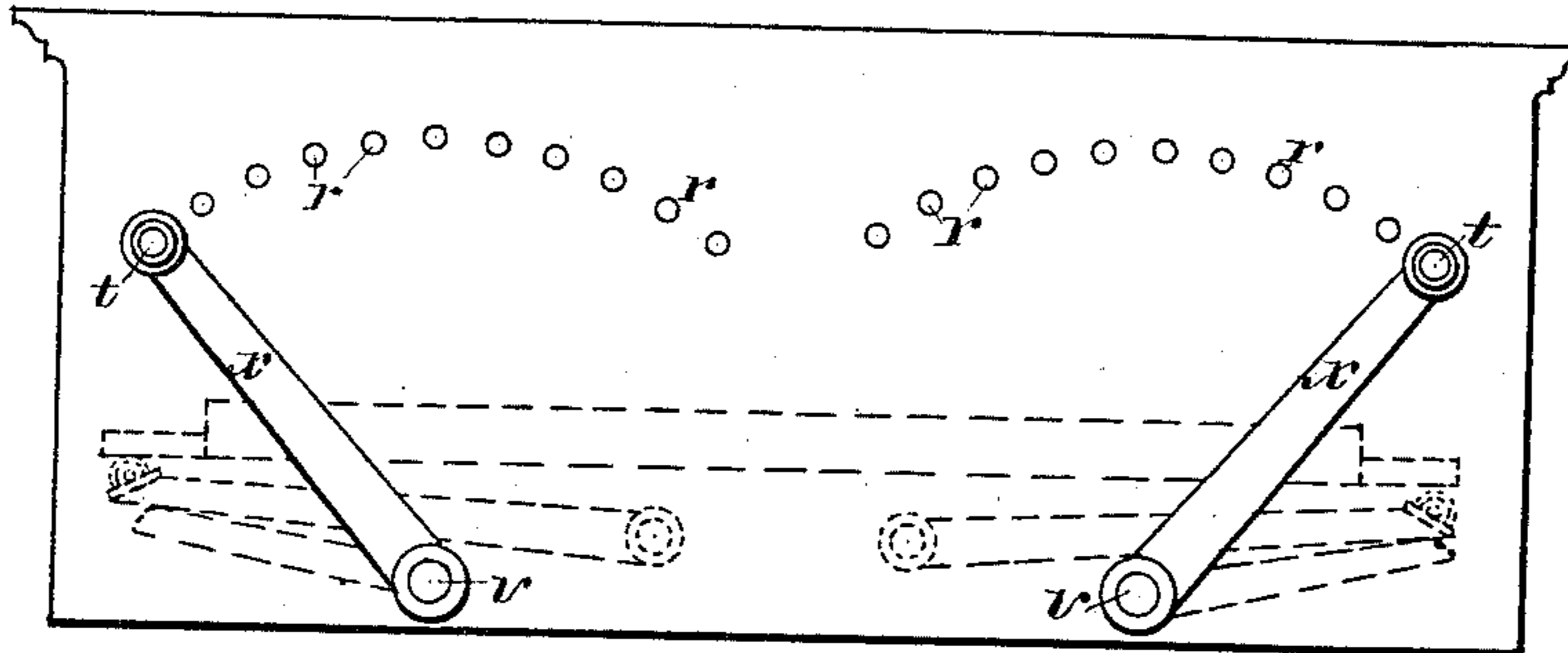
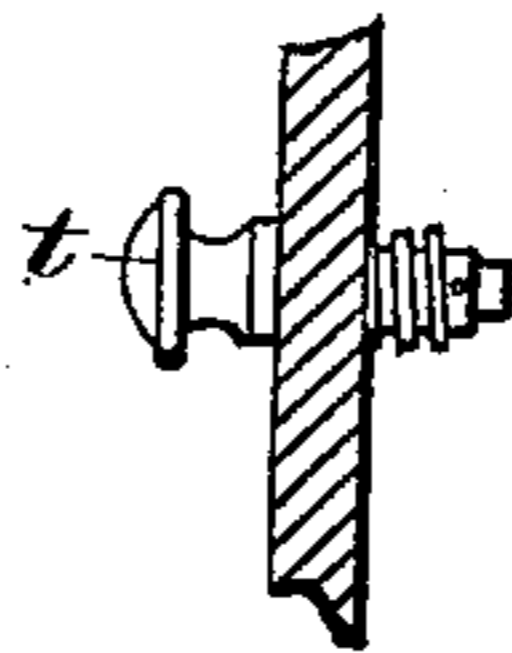


Fig. 5.



WITNESSES

C. J. Bell
O. H. Clark

INVENTOR

Robert H. F. Behrens,
By Paine & Ladd,
Attorneys,

UNITED STATES PATENT OFFICE.

ROBERT HEINRICH FERDINAND BEHRENS, OF HAMBURG, GERMANY.

FLOWER-STAND.

SPECIFICATION forming part of Letters Patent No. 318,593, dated May 26, 1885.

Application filed November 15, 1884. (No model.) Patented in Belgium February 15, 1884, No. 63,926; in France April 3, 1884, No. 159,866; in Spain May 5, 1884, No. 5,458, and in Germany May 23, 1884, No. 23,166.

To all whom it may concern:

Be it known that I, ROBERT HEINRICH FERDINAND BEHRENS, a subject of the German Emperor, and a resident of Hamburg, in the German Empire, have invented certain new and useful Improvements in Flower-Stands, of which the following is a specification.

My invention relates to improvements in flower-stands wherein flower-pots are placed for decorating purposes; and the object of my improvements is to provide such flower-stands with a movable bottom, the position of which may be altered according to the size of the flower-pots and the height of the flowers. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figures 1, 2, and 3 are back view, plan, and side elevation, all partly in section, of a flower-stand with movable bottom which may be brought in any inclined position. Fig. 4 is a modification thereof, and Fig. 5 a detailed view of the arresting-pin for keeping the movable bottom in any position required.

Similar letters refer to similar parts throughout the several views.

When flower-pots of different height have to be placed into the flower-stand in such a manner that the brims of the pots are at the same level, a flower-stand may be provided with a movable bottom which can be inclined at any degree required. The highest pots are then placed at the lowest point of the plate *a* and the lowest pots at the highest point of the plate. The bottom plate, *a*, is supported by four levers, *z*, arranged by pairs on the same shaft. The inclination of the levers *z* depends on the position of the levers *x*, fastened to the shafts *v*, which bear the supports *y* of levers *z*.

The levers *x* may be connected with a double-armed lever, *w*, by the rods *u* in such a manner that the distance of the points of application of the rods *u* from the fulcrum of the lever *w* varies according to the inclination of the plate *a*. To effect this, one arm or both of lever *w* are provided with radial slits *q*, into which the connecting-bolts *s* of the rods *u* are fixed. The holes *r*, into which engage the spring-stop *t*, Fig. 5, serve to arrest the lever *w* in any position. The rods *u* and lever *w* may also be omitted and the levers *x* arrested directly by spring-pins *t*, as shown in Fig. 4.

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

1. In a flower-stand, the combination, with the vertically-adjustable plate *a*, of the adjustable supporting-levers *z* and *y*, the latter being carried by shafts *v*, lever-arms *x* on the outside of the flower-stand, attached to the shafts *v*, and means for locking the levers *x* in different positions, substantially as set forth.

2. In a flower-stand, the combination of the adjustable plate *a*, the levers *z*, pivoted to the frame, the shafts *v*, provided with levers *y*, and arms *x* outside the frame, the rods *u*, the lever *w*, having slots *q* therein, and the pin *t*, for locking the adjustable plate and levers in any desired position, substantially as described and shown.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 10th day of September, 1884.

ROBERT HEINRICH FERDINAND BEHRENS.

Witnesses:

ALEXANDER SPECHT,
DIEDRICH PETERSEN.