

L. Postawka,

Piano-Stool Elevator,

N^o 59,261.

Patented Oct. 30, 1866

Fig. 1.

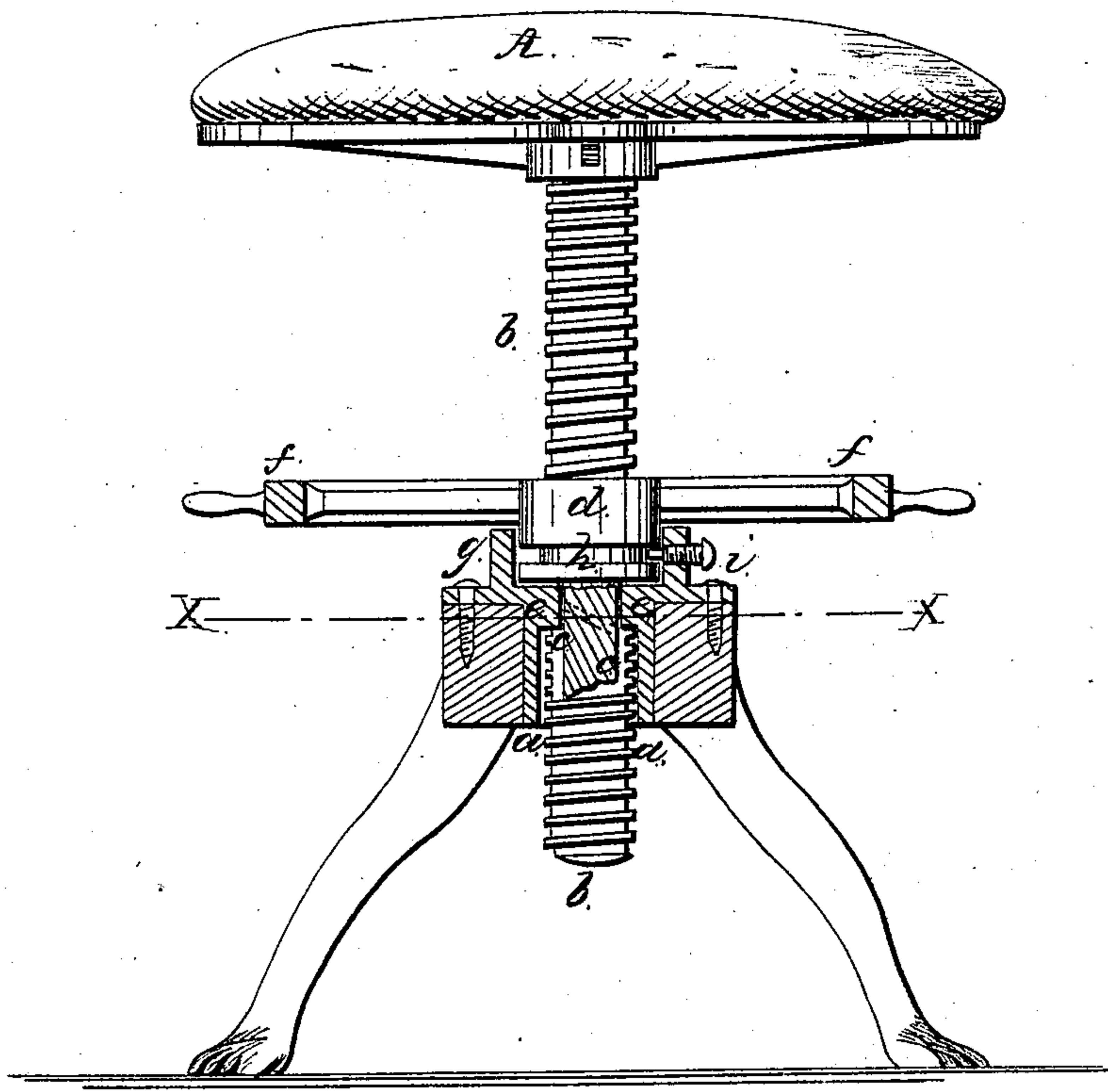
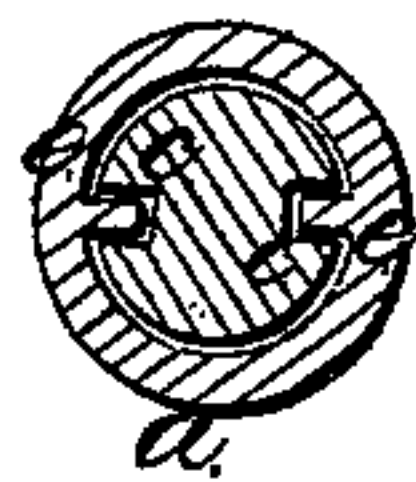


Fig. 2.



Witnesses;

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UNITED STATES PATENT OFFICE.

LOUIS POSTAWKA, OF BOSTON, MASSACHUSETTS.

IMPROVED PIANO-SEAT.

Specification forming part of Letters Patent No. 59,261, dated October 30, 1866.

To all whom it may concern:

Be it known that I, LOUIS POSTAWKA, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Elevating-Screw for Piano-Chairs and Writing-Desks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side view of the elevating-screw of my invention. Fig. 2 is a transverse section taken in the line *x x*, Fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new and useful improvement in the construction of a screw for elevating and depressing a piano-chair without turning the seat or stand around, which may be applied also to writing-desks and similar articles.

This device is especially valuable for its application to seats of an elliptical or oblong form, which are much more convenient and agreeable to the occupant than the round seats, which are commonly in use for piano-stools. The seat is elevated or depressed without being turned around by means of a screw, which works straight up and down in a revolving nut, which is attached to a collar fastened on the base of the piano-seat.

Round piano-seats, which revolve in the ordinary way, have several practical objections. They are inconvenient to the occupant, and do not afford the steady support and facility for lateral movement required by a piano-performer, and turning the seat itself around interferes with ladies' dresses. They also get out of order, and wear out quickly, owing to the common practice of whirling around on them for amusement.

The present invention remedies these defects by a very simple, cheap, and convenient device.

A piano-seat, of elliptical, oblong, or any other suitable form, is mounted upon an ordinary tripod stand or base for support, as shown in red in Fig. 1, and on the base is fitted a collar or socket-sleeve, *a*, through which passes a vertical screw, *b*, on two or more sides of which screw are deep longitudinal grooves *c c*, as shown in section, Fig. 2. On the inside of the socket-sleeve *a* are projecting guides *e e*, which fit loosely in the slots *c c*, so that the screw *b* can slide up and down upon them freely, to elevate or depress the piano-seat. The hub *d* of a light metal horizontal hand-wheel, *f*, is fitted in an annular flange or socket, *g*, on the sleeve *a*. Around the hub is an annular groove, *h*, which holds the point of a set-screw, *i*, that passes through the flange *g*, so that the hub *d* can revolve freely in the socket when the hand-wheel *f* is turned. The hub *d* is threaded, to serve as a nut for the screw *b*, which slides up and down without turning when the hub revolves by an obvious mechanical effect. On the top or head of the screw *b* is fastened permanently or temporarily, as desired, the seat *A*; and upon the same principle of operation a writing-desk or seat of any kind may be arranged to be elevated or lowered without being turned around.

Having thus described my invention and its mode of application and operation, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the socket-sleeve *a*, the hand-wheel *f*, connected therewith by the hub or revolving nut *d*, and the slotted screw *b*, for elevating and depressing piano-seats without turning them around, constructed and operating substantially as herein described.

The above specification of my invention signed by me this 14th day of September, 1866.

LOUIS POSTAWKA.

Witnesses:

WM. F. MCNAMARA,
ALEX. F. ROBERTS.