

H. NETZ.
Furniture-Castors.

No. 149,782.

Patented April 14, 1874.

Fig. 1.

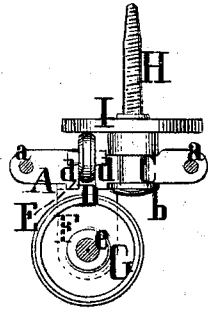


Fig. 2.

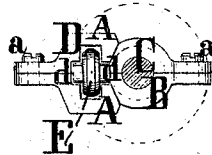
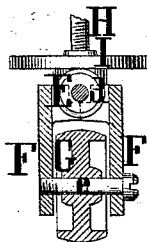


Fig. 3.



Witnesses.

Ernst Bilhuber
Henry Gerding

Inventor.

Henry Netz
Van Sandvoord & Haupt
attors

UNITED STATES PATENT OFFICE.

HENRY NETZ, OF BROOKLYN, E. D., NEW YORK.

IMPROVEMENT IN FURNITURE-CASTERS.

Specification forming part of Letters Patent No. **149,782**, dated April 14, 1874; application filed March 13, 1874.

To all whom it may concern:

Be it known that I, HENRY NETZ, of Brooklyn, E. D., in the county of Kings and State of New York, have invented a new and useful Improvement in Furniture-Casters; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 shows a vertical central section of this invention. Fig. 2 is a sectional plan or top view thereof. Fig. 3 is a transverse vertical section of the same.

Similar letters indicate corresponding parts.

This invention relates to furniture-casters; and consists in a caster, the frame of which is made in two halves or sections attached together by screws or rivets, between which is the caster-wheel and an auxiliary friction-roller, situated above said caster-wheel, which forms the bearing for a disk attached to the socket-piece of the caster, which socket-piece is mounted between the two halves of the aforesaid frame, in such a manner that a caster is obtained, all the parts of which are easily placed or adjusted in position, and furthermore can be entirely finished before being adjusted in position in the caster.

In the drawing, the letters A A' designate the two halves or sections of the frame of my caster, which are held together at each end by means of screws *a a* or other suitable fastening devices, and may be of cast or struck-up metal as most convenient. This frame is provided with a segmental portion, B, to receive and hold the pintle C of the socket-piece of the caster, said pintle being provided with a head, *b*, which catches under the edge of the

frame. Said frame A A' is provided also with a socket, D, to receive an auxiliary friction-roller, E, the gudgeons *d d* of which are supported on shoulders sunken or formed on the upper and opposite edges of said socket D. On the sides of the frame A A' are brackets F F or the horn of the caster, between which rotates the caster-wheel G, this being mounted on a pin or bolt, *e*, in the usual manner. Below the screw-stem H of the socket-piece is a disk, I, which bears upon the auxiliary friction-roller E, and when the caster is shifted turns thereon, serving to reduce friction, and thereby ease the movement of the caster.

It will be seen that if a single part of my caster becomes worn or broken, it can be taken out and replaced with facility and without detriment to the remaining parts, whereby my caster is rendered comparatively cheap and of advantage over most of those heretofore made.

I am aware that it is not broadly new to construct the caster-frame in sections or halves; but such feature of itself is not claimed by me.

What I claim as new, and desire to secure by Letters Patent, is—

The caster-frame, made in two halves or sections, A A', attached together by screws or rivets *a a*, provided with a caster-wheel, G, and with an auxiliary friction-roller, E, which forms the bearing for a disk, I, attached to the socket-piece of the caster, substantially as hereinbefore set forth.

This specification signed by me this 5th day of March, 1874.

Witnesses:

HENRY NETZ.

W. HAUFF,

E. F. KASTENHUBER.