H. S. SMITH.

WHEELED CHAIRS.

No. 185,193. Patented Dec. 12, 1876.

Fig. 2

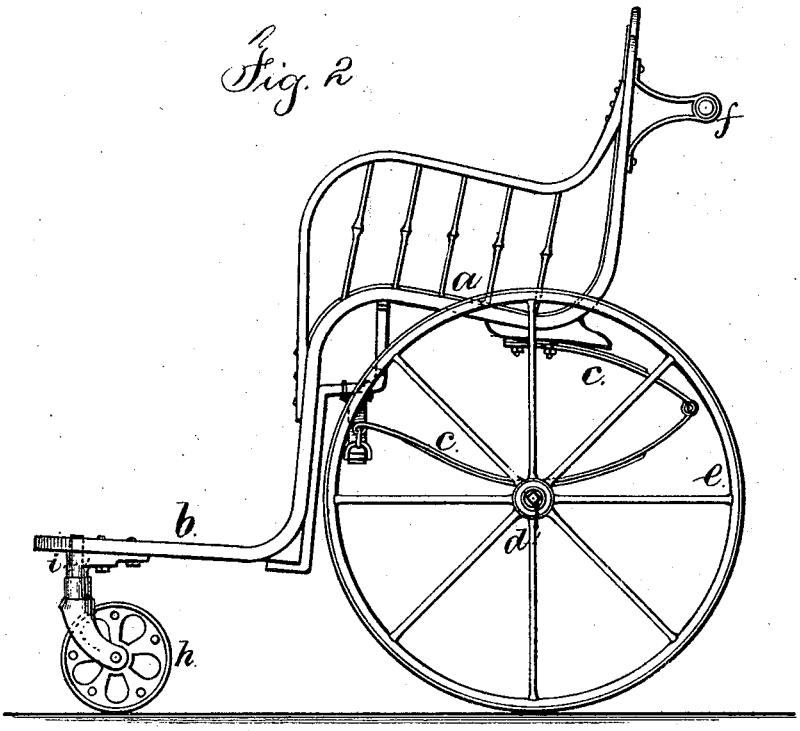
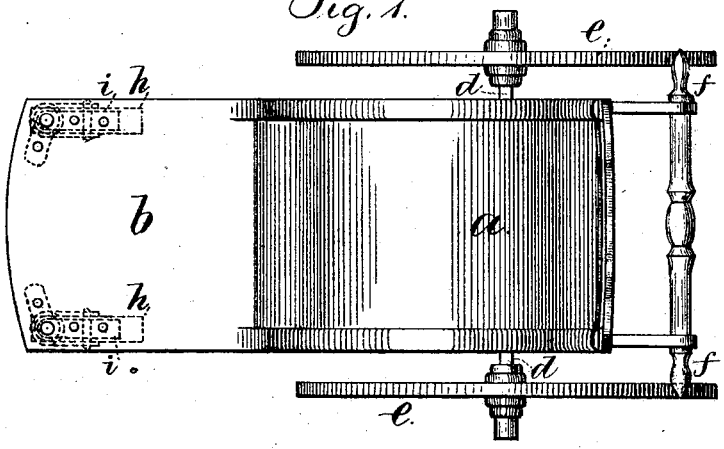


Fig. 1.



Witnesses

Chas. F. Smith

Geo. T. Pinckney

Inventor

Herbert S. Smith

per Lemuel W. Serrell atty

UNITED STATES PATENT OFFICE.

HERBERT S. SMITH, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN WHEELED CHAIRS.

Specification forming part of Letters Patent No. **185,193**, dated December 12, 1876; application filed June 9, 1876.

To all whom it may concern:

Be it known that I, HERBERT S. SMITH, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Rolling Chairs, of which the following is a specification:

Rolling chairs and children's carriages have been made with two principal wheels, that support the body and seat by springs. There are also handles behind the back of the seat, by which the vehicle is moved, and the front wheels have, in some instances, been upon a fixed cross-shaft, and, in other instances, the axle has been attached by a king-bolt, so as to swivel. A single caster-wheel has also been applied below the platform or foot-rest, and two legs beneath the front of the seat, with caster-wheels, have been used. In all these cases there have been some objectionable features. With the fixed shaft, the vehicle has to be tipped back sufficiently to raise the front wheels before the same can be turned around in a small space. With the king-bolt or the caster-wheel, the chair is liable to tip when a person steps upon the edge or front corner of the platform or foot-rest.

My invention consists in the combination, with the chair and its supporting wheels and springs, of two caster-wheels, placed near the front corners of the platform or foot-rest, so that the said chair will be supported and not liable to tip when a person is stepping into or out of the same, and the chair can be turned around freely in any direction without being lifted or tipped.

In the drawing, Figure 1 is a plan of the chair, and Fig. 2 is a side elevation of the same.

The seat *a* and foot-rest or platform *b* are connected in any desired manner. The seat is supported upon the springs *c*, axle *d*, and wheels *e*, and there are handles, *f*, at the back of the chair, by means of which the chair is pushed from place to place. Beneath the platform *b* there are the two caster-wheels *h h*, that are, in jaws with vertical pivots, received into the sockets or plates *i i*, attached to said platform. These caster-wheels are located near the angles of the front part of the platform or foot-rest *b*, so that such chair cannot tip as the person steps upon the platform at either side, because the caster-wheels support the same, and the vehicle can be turned freely in any direction as it is rolled from place to place.

I claim as my invention—

The combination, with the chair having the seat *a*, platform *b*, wheels *e*, springs *c*, and handles *f*, of the two caster-wheels *h* below the front angles of the platform or foot-rest, substantially as and for the purposes set forth.

Signed by me this 8th day of June, A. D. 1876.

HERBERT S. SMITH.

Witnesses:

GEO. T. PINCKNEY,

CHAS. H. SMITH.