

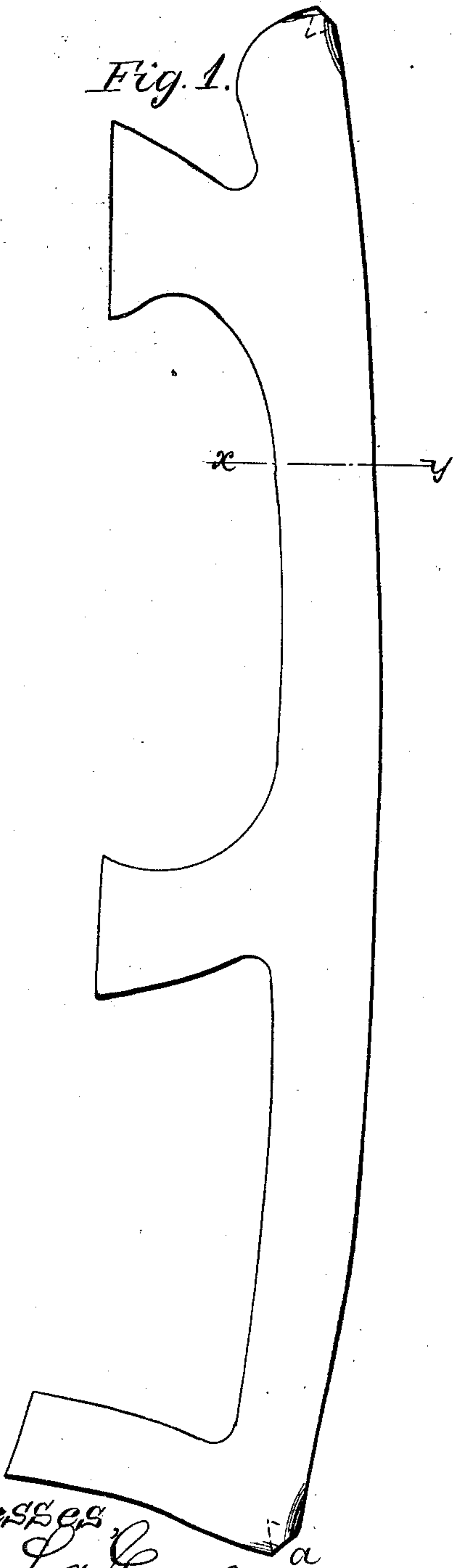
*P. A. Peer*

*Skates.*

*N<sup>o</sup> 4,336.*

*Patented Aug. 31, 1869.*

*Fig. 1.*



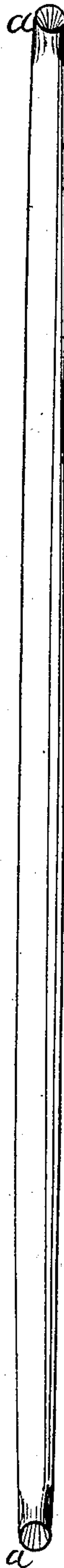
*Fig. 3.*



*Fig. 4.*



*Fig. 2.*



*Inventor.*

*P. A. Peer*

*Witnesses.*

*Le E. LaGrave*

*S. H. Taxon*

# United States Patent Office.

P. A. PEER, OF KALAMAZOO, MICHIGAN.

Letters Patent No. 94,336, dated August 31, 1869.

## IMPROVED SKATE-RUNNER.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, P. A. PEER, of Kalamazoo, in the county of Kalamazoo, and State of Michigan, have invented a new and useful Improvement in Skate-Runners; and that I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is an elevation of runner, showing its general form, with the round points *a a*.

Figure 2 is a bottom view of runner, showing the hollow round points *a a*.

Figure 3 is a cross-section, cut through *x* and *y*.

Figure 4 shows the hollow point.

My invention consists in constructing a skate-runner, as shown in fig. 1, having a round point at both toe and heel, said points to be hollowed or bored out, as shown at *a a*, fig. 1, and *a*, fig. 4.

The object of my invention is to construct a skate-runner, having a point that will readily and securely engage with the ice, at any angle presented by the skater, thereby securing greater ease, and safety from slipping, in executing all toe and heel-movements, waltzing, &c., than any point yet invented.

Another advantage of the hollow points is, when engaged with the ice, they act as pivots on which the skater may whirl, and they do not offer that degree of resistance offered by the sharp, square, and round points now in use; neither do they penetrate and injure the ice, as do sharp points—a great advantage to owners and managers of skating-rinks.

I do not claim any projection from the line of the runner at the toe, as Messrs. Barney and Berry, in Letters Patent No. 77,862, dated May 12, 1868.

My invention differs materially from the runner described in the above-named Letters Patent.

Having described my invention,

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

The construction of a skate-runner, having a round point at both toe and heel, said round points to be hollowed or bored out, as shown, and operating substantially as and for the purposes specified.

P. A. PEER.

Witnesses:

O. E. LA GRAVE,  
S. W. FAXON.