

W. J. HILLE.

ROLLER SKATE.

APPLICATION FILED DEC. 2, 1908.

920,327.

Patented May 4, 1909.

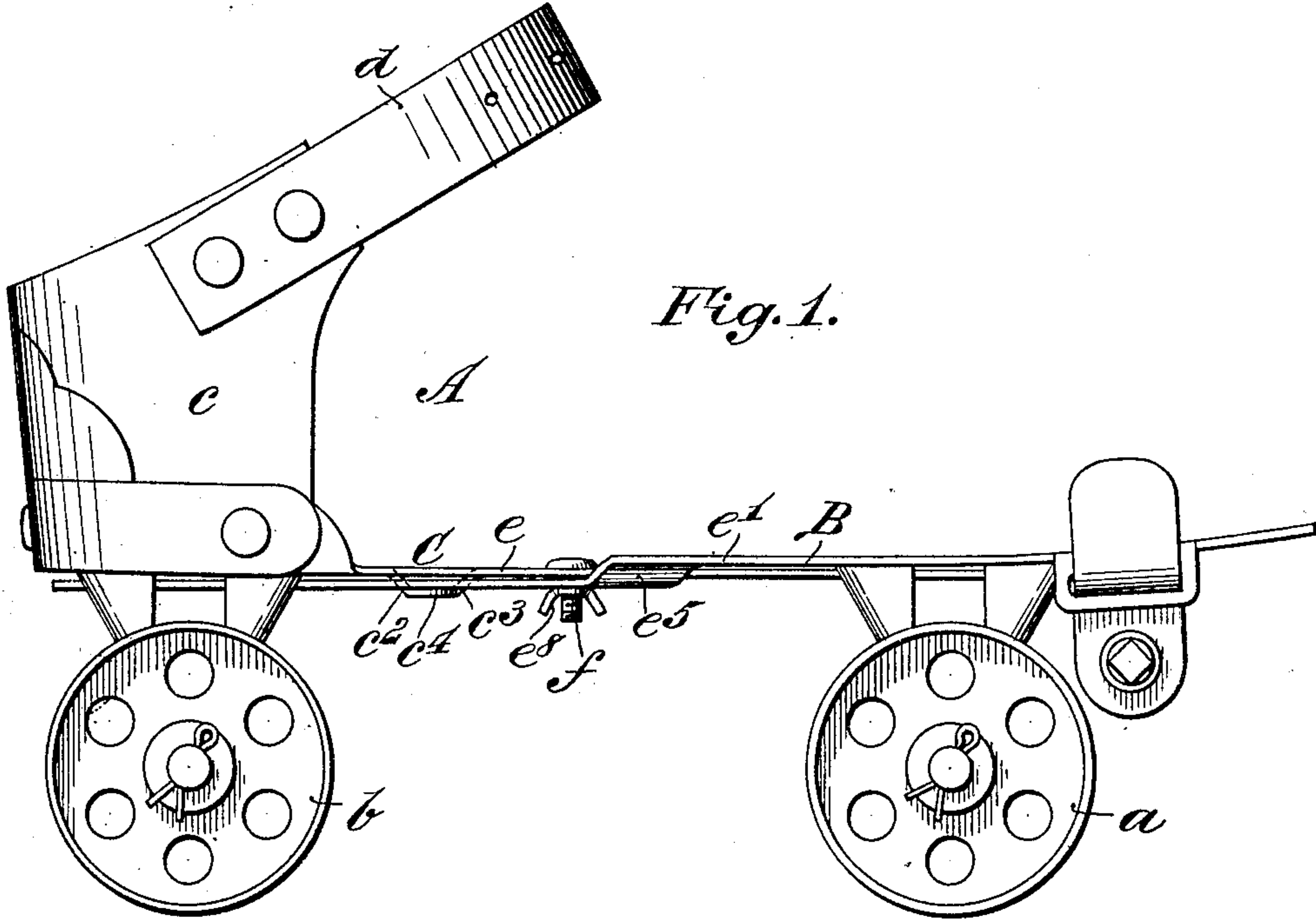


Fig. 2.

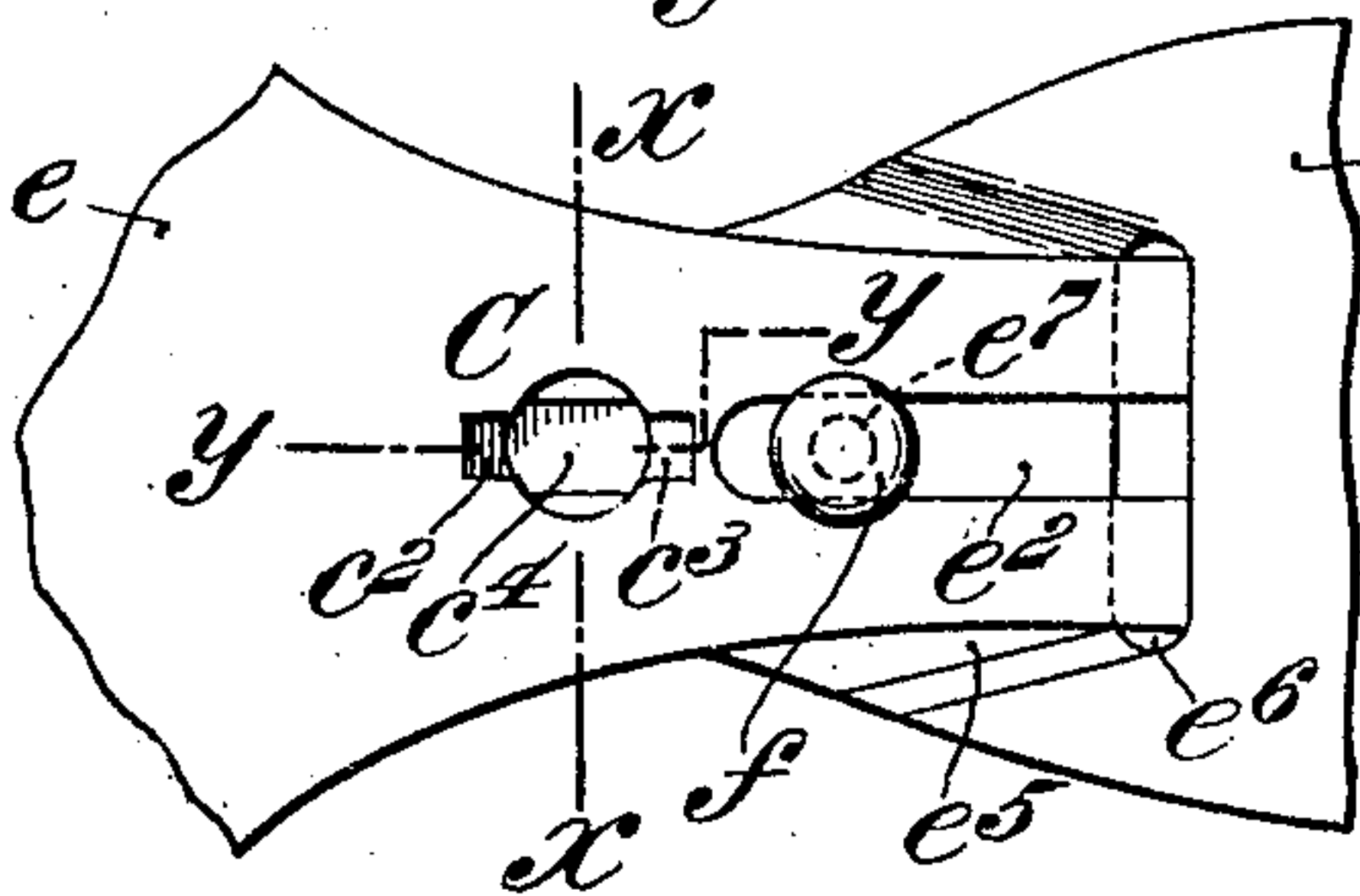


Fig. 3.

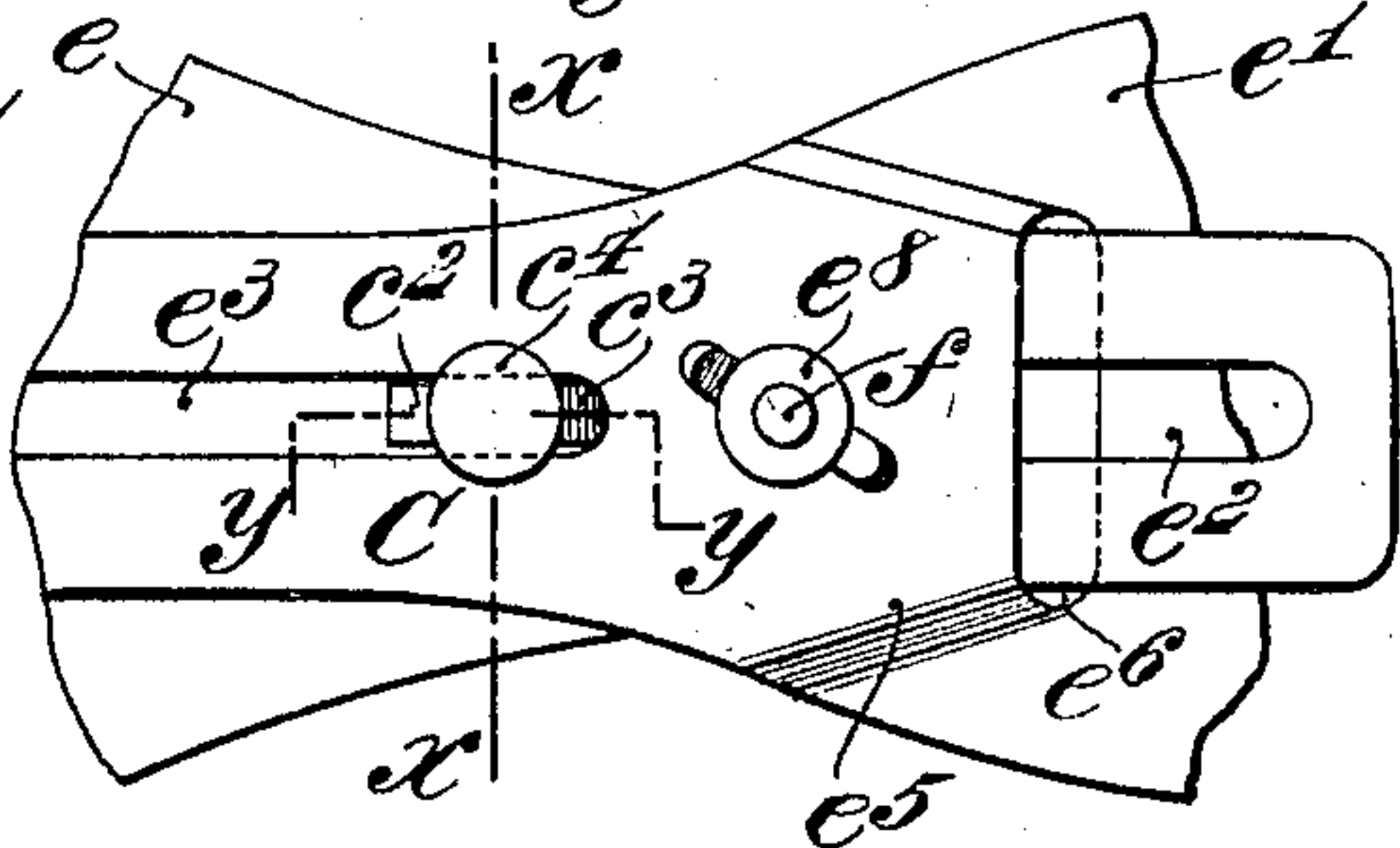


Fig. 4.

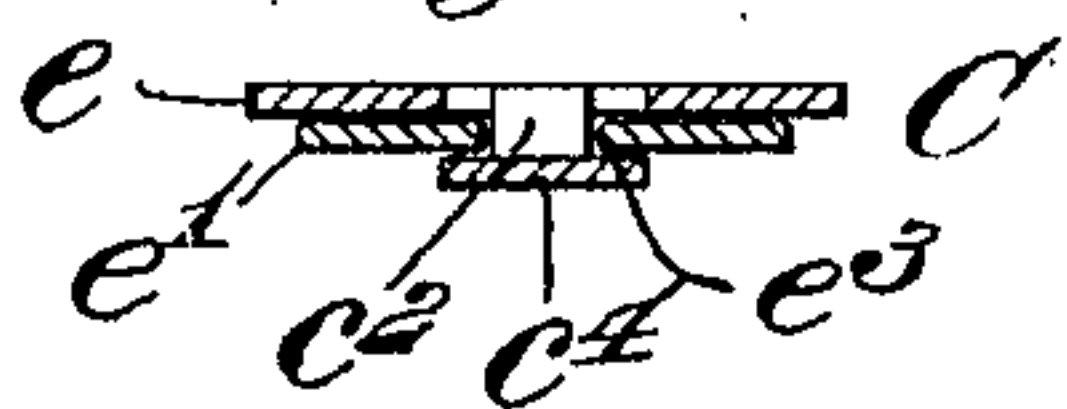
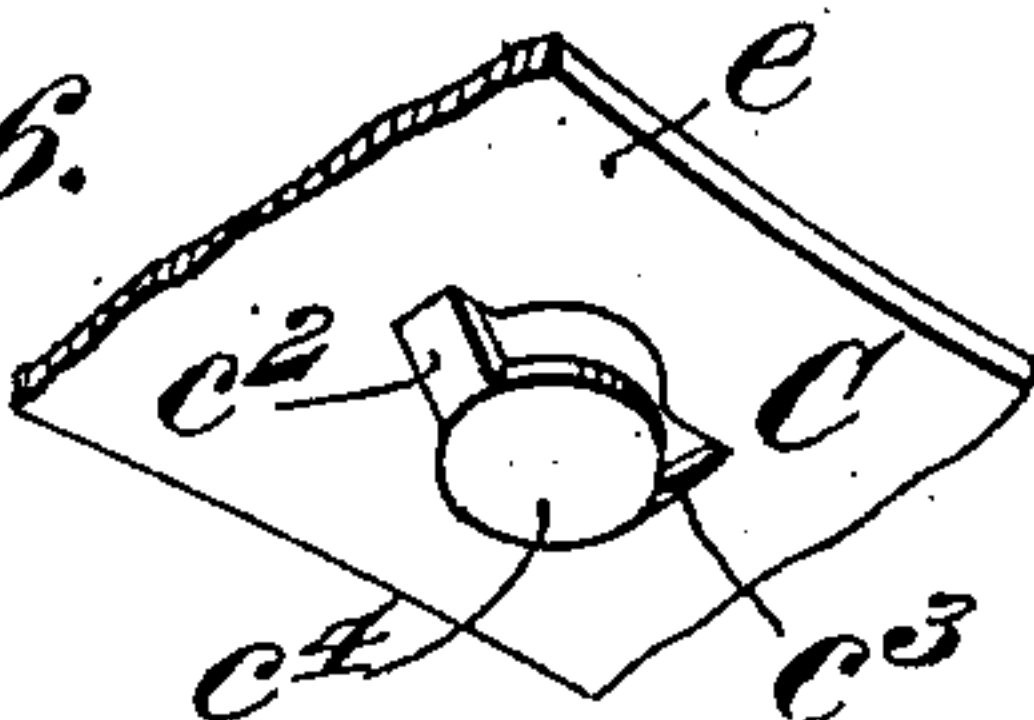


Fig. 5.



Fig. 6.



WITNESSES:

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ROLLER-SKATE.

No. 920,327.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed December 2, 1908. Serial No. 465,706.

To all whom it may concern:

Be it known that I, WILLIAM J. HILLE, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Roller-Skates, of which the following is a specification.

My present invention has relation to an adjustable two-part foot-plate for a roller-skate; and in such connection it relates particularly to engaging and locking means against sidewise movement or turning of the plates nesting and overlapping each other, in operative position.

To that end, my invention, consists of a two-part adjustable roller-skate foot-plate, one of the members whereof is provided with a slotted open end tongue and the other member provided with an oblong slot and closed end and with a stamped-out depending engaging and guiding device for not only engaging one member with the other by slotted portions, but also locking, by the constructive arrangement of the engaging and guiding device, the two members in operative nesting and overlapping relations to each other, against sidewise or other displacement, movement or turning, in use.

The nature and characteristic features of my invention, will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof, in which—

Figure 1, is a side elevational view of an adjustable roller-skate, embodying the main features of my present invention. Figs. 2 and 3, are top and underneath plan views, respectively, in broken sections of the engaging and locking device stamped out of one plate for preventing sidewise and other movements of the respective nesting and overlapping members of the adjustable foot-plate, in operative position. Figs. 4 and 5, are cross-sectional views on the lines *x, x*, and *y, y*, of Figs. 2 and 3; and Fig. 6, is a perspective view of the detail arrangement of the engaging and guiding device formed integral with one of the members of the adjustable foot-plate of the skate and depending therefrom.

Referring to the drawings A, is the roller-skate having two front-wheels *a*, and two rear-wheels *b*, with a holder *c*, for receiving the heel portion of the boot or shoe provided

with the usual buckling-straps *d*, for holding from the instep portion of the foot the shoe heel part of the boot or shoe in proper position upon an adjustable two-part foot-plate B. This foot-plate B, consists of two members *e*, and *e*¹, the member *e*, is formed with a central longitudinal slot *e*², and having a closed end. The member *e*¹, is formed with a central longitudinal slot *e*³, and having an open end so as to form as it were by such arrangement a long slotted tongue. These members *e* and *e*¹, for operative use nest and overlap each other, as shown in Figs. 1, 2 and 3. In the member *e*, in rear of the long slot *e*³, is stamped out a depending engaging and guiding device C. This engaging and guiding device consists of two flat narrow downwardly inclined limbs *c*² and *c*³, merging into a broad round or other shape head *c*⁴, as clearly illustrated in Fig. 6, to provide on both sides of the limbs *c*² and *c*³, an overlapping flange or rim, as shown in Fig. 6, so that when the front or tongue member *e*¹, of the foot-plate A, is slid along under the rear member *e*, the head of the device C, will not only engage this member, but also by reason of the arrangement of the limbs *c*² and *c*³, prevent sidewise or other turning of both members in their nested and overlapping operative relation to each other, as shown in Figs. 2 and 3. The rear member *e*, in operative position with respect to the forward portion extends through a transverse slit *e*⁶, provided in the front depressed portion *e*⁵, of the member *e*¹.

f, is a threaded clamping bolt extending through the longitudinal slot of the member *e*, and a perforation *e*⁷, in rear of the slotted tongue member *e*¹. This bolt is provided with a jam-nut *e*⁸, Figs. 1 and 3, for aiding in the preventing of sidewise turning or movement of the two engaging or nested and overlapping members *e* and *e*¹, of the foot-plate A, in position for example, as clearly illustrated in Fig. 1, for use.

Having thus described the nature and objects of my invention, what I claim as new and desire to secure by Letters Patent is:—

1. An engaging and locking device for a skate to prevent sidewise movement, comprising a foot plate having two parts nesting and overlapping each other, an integral depending engaging and guiding device formed with one of said parts and means passing through the overlapping parts of said nested

plate to clampingly lock said parts together, substantially as and for the purposes described.

2. An engaging and locking device for a
5 skate to prevent sidewise and other movements, comprising a slotted foot plate having two parts nesting and overlapping each other, a stamped depending engaging and guiding
10 device formed with one of said parts and means passing through the overlapping parts

of said plate to clampingly lock said parts together, substantially as and for the purposes described.

In witness whereof, I have hereunto set my signature in the presence of two subscribing
witnesses. 15

WILLIAM J. HILLE.

Witnesses:

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THOMAS M. SMITH.