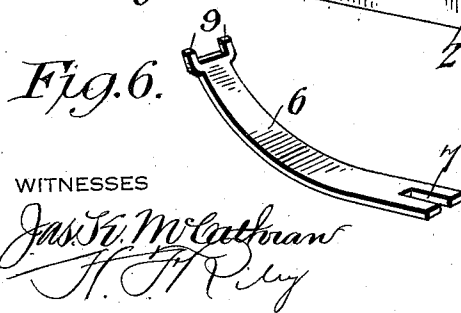
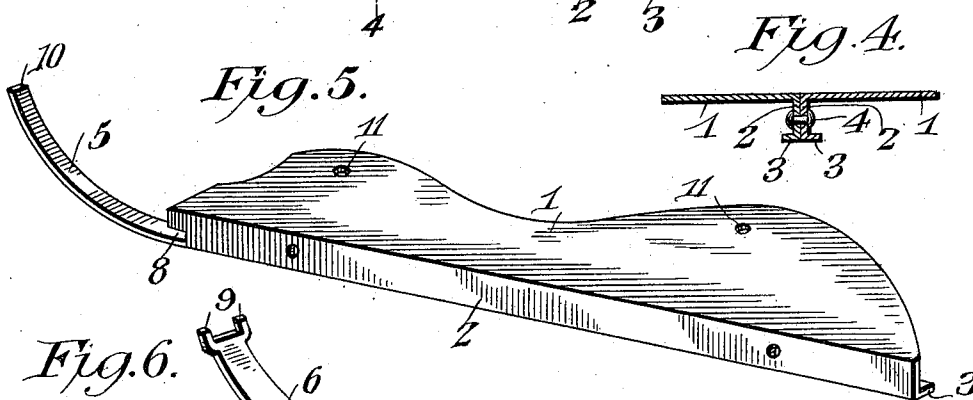
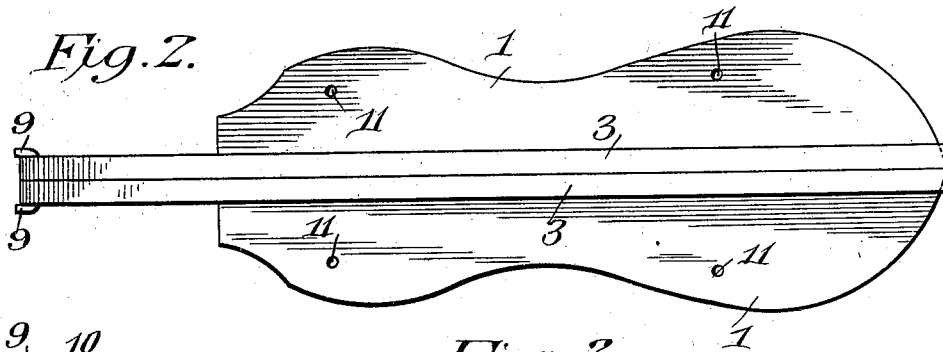
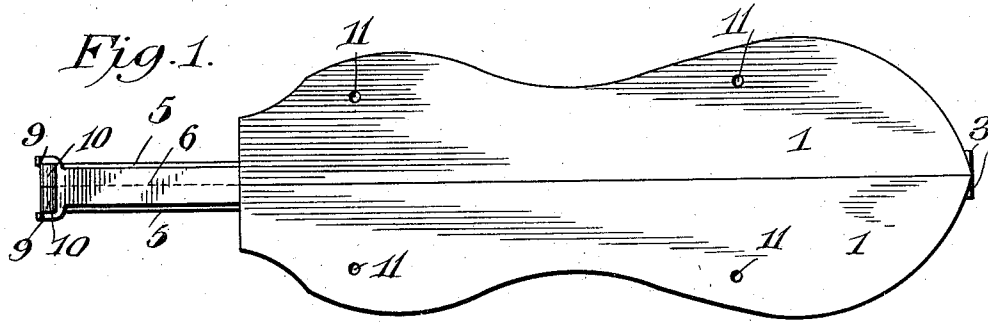


C. BROWN.
SKATE.

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Patented Jan. 24, 1911.

982,239.



WITNESSES

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SKATE.

982,239.

Specification of Letters Patent.

Patented Jan. 24, 1911.

Application filed October 29, 1910. Serial No. 589,817.

To all whom it may concern:

Be it known that I, CHARLES BROWN, a citizen of the United States, residing at Albert Lea, in the county of Freeborn and State of Minnesota, have invented a new and useful Skate, of which the following is a specification.

The invention relates to improvements in skates.

10 The object of the present invention is to improve the construction of skates, and to provide a simple, strong and efficient skate, adapted to be cheaply manufactured, and designed for coasting and skating on packed or crusted snow, streets covered with sleet and upon areas of ice when the use of an ordinary skate is impeded by snow.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

30 In the drawing:—Figure 1 is a plan view of a skate, constructed in accordance with this invention. Fig. 2 is a reverse plan view of the same. Fig. 3 is a side elevation. Fig. 4 is a transverse sectional view on the line 4—4 of Fig. 3. Fig. 5 is a detail perspective view of one of the sections of the skate. Fig. 6 is a similar view of the front brace.

Like numerals of reference designate corresponding parts in all the figures of the drawing.

40 In the embodiment of the invention illustrated in the accompanying drawing, the skate comprises in its construction two blanks or sections, stamped or otherwise formed of sheet metal, or other suitable material and each consisting of a horizontal foot-receiving top plate 1, provided at its inner edge with a depending vertical web 2, bent outwardly at the bottom to provide a laterally projecting horizontal flange 3. The vertical webs 2 of the sections of the skate are fitted against each other and are secured together by rivets 4, or other suitable fastening devices, and they, with their

laterally projecting flanges, constitute the runner of the skate.

55 The horizontal top plates or portions 1 are shaped to form a foot-receiving portion of the usual configuration, and the vertical webs 2 terminate at the front end of the top plates or portions 1, while the laterally projecting flanges 3 are provided with front extensions 5, arranged in flush relation and curved upwardly to form the front of the runner. The front extensions 5 are reinforced by a metallic brace 6, fitted against the upper face of the extensions and being of a width corresponding with the combined width of the extensions 5 and having its side edges in flush relation with the outer side edges of the extensions 5. The inner or rear end of the brace 6 is provided with a slot or bifurcation 7, which straddles the front ends of the vertical webs, and the latter are provided at the front with recesses 8, receiving the rear end of the brace, the slot 7 and the recess 8 forming an interlocking connection between the brace and the webs and keying the former to the latter. The rear end of the brace also assists in holding the webs together.

80 The front end of the brace 6 is provided with laterally off-set upwardly projecting lugs 9, spaced apart to form a recess to receive the front terminals 10 of the extensions 5, which are bent over the front end of the brace, as clearly illustrated in Figs. 1 and 3 of the drawing. By bending the front terminals of the extensions 5 over the front end of the brace, the latter is secured to the extensions and is maintained in its interlocked relation with the vertical webs 2.

The top portions or plates 1 of the sections are provided with perforations 11 for the reception of cords (not shown), or other means for securing the skate to the foot, but straps, clamps or any other fastening means may be employed.

95 The runners of the skate may be of different widths and various forms, and if desired the laterally projecting flanges 3 may be provided at the back with extensions similar to the extensions at the front. The skate is especially adapted for use on snow covered surfaces for which an ordinary skate is not adapted, and the skate may be used with advantage on streets and other sur-

faces covered with sleet, or ice too thin for an ordinary skate.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A skate of the class described including two sections consisting of top plates constituting the foot-receiving portion of the skate and provided at their inner edges with depending webs fitted against each other and secured together, said webs being provided at the bottom with laterally projecting flanges and forming the runner of the skate.

2. A skate of the class described including two sections constructed of sheet metal and consisting of top plates constituting the foot-receiving portion of the skate and provided at their inner sides with depending vertical webs fitted against each other and secured together and bent outwardly at the bottom to form laterally projecting flanges.

3. A skate of the class described including two sections consisting of top plates constituting a foot-receiving portion of the skate and provided with depending webs fitted against each other and secured together and provided at the bottom with laterally projecting flanges, said flanges being provided at the front with upwardly curved extensions forming the front portion of the runner.

4. A skate of the class described including two sections consisting of top plates constituting a foot-receiving portion of the skate and provided with depending webs fitted against each other and secured together and provided at the bottom with laterally projecting flanges, the depending webs terminating at the front of the top plates and the flanges being provided at the front with upwardly curved extensions fitted together, and a curved brace fitted against and extending around the said extensions.

5. A skate of the class described including two sections consisting of top plates constituting a foot-receiving portion of the skate and provided with depending webs fitted against each other and secured together and provided at the bottom with laterally projecting flanges, said flanges being provided at the front with extensions fitted together and forming the front of the runner, and a brace fitted against the said extensions and secured to the same and having its rear end interlocked with the depending webs.

6. A skate of the class described including two sections consisting of top plates constituting a foot-receiving portion of the skate and provided with depending webs fitted against each other and secured together and

provided at the bottom with laterally projecting flanges, said flanges being provided at the front with extensions fitted together and forming the front of the runner, and a brace fitted against the said extensions and having its rear end interlocked with the depending webs, the front end of the brace being engaged by the terminals of the said extensions.

7. A skate of the class described including two sections consisting of top plates constituting a foot-receiving portion of the skate and provided with depending webs fitted against each other and secured together and provided at the bottom with laterally projecting flanges, said flanges being provided at the front with extensions fitted together and forming the front of the runner, and a brace fitted against the said extensions and detachably interlocked at its rear end with the depending webs and provided at its front end with spaced projecting portions forming an intervening recess to receive the terminals of the extensions, the latter being bent over the front end of the brace.

8. A skate of the class described including two sections consisting of top plates constituting a foot-receiving portion of the skate and provided at their inner edges with depending vertical webs having registering recesses at their front ends and provided with laterally projecting flanges having front extensions, and a brace fitted against and connected with the front extensions and having its rear end provided with a slot and straddling the depending webs at the front thereof and engaging the recesses of the same.

9. A skate of the class described including two sections consisting of top plates constituting a foot-receiving portion of the skate and provided at their inner edges with depending vertical webs having registering recesses at their front ends and provided with laterally projecting flanges having front extensions, and a brace fitted against the front extensions and provided at its front end with a recess receiving the front terminals of the extensions, said brace being also provided at its rear end with a slot to receive the vertical webs and engaging the latter at the recesses thereof.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

CHARLES BROWN.

Witnesses:

B. KELLAR,

E. A. NELSON.