

C. ADLER.
SKATE RUNNER.
APPLICATION FILED FEB. 23, 1910.

997,030.

Patented July 4, 1911.

Fig. 1.

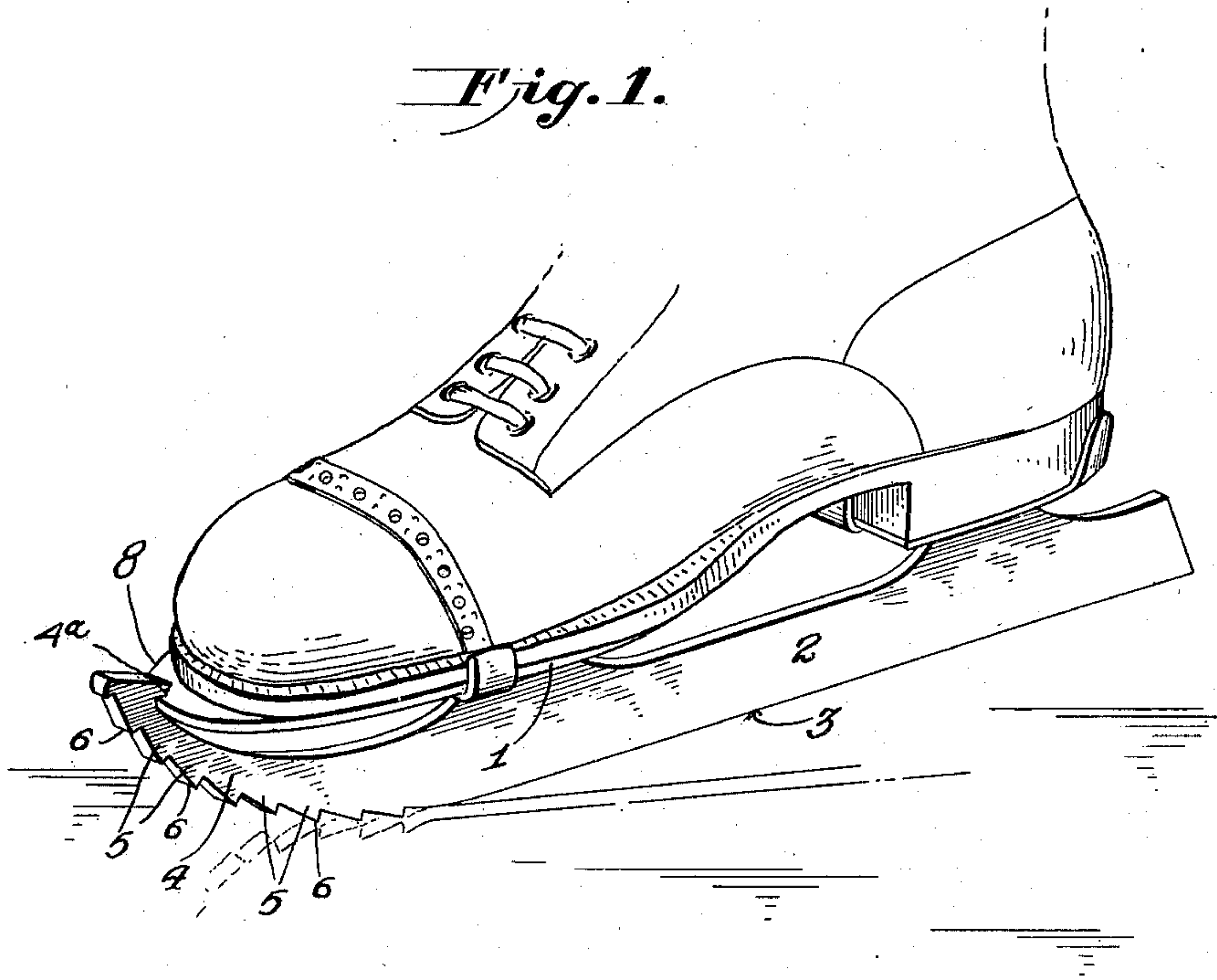
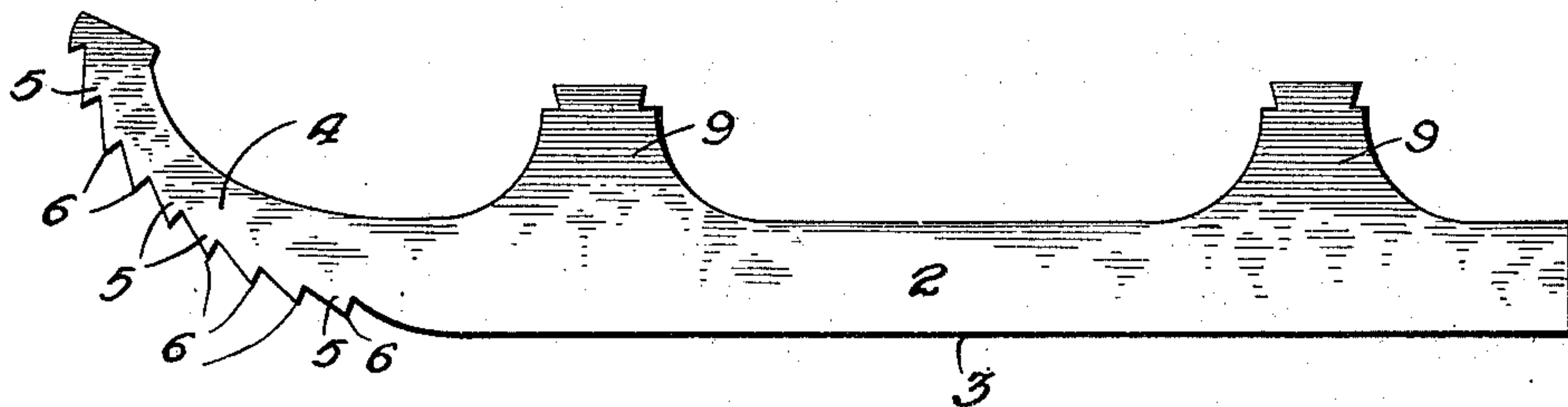


Fig. 2.



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UNITED STATES PATENT OFFICE.

CHRIST ADLER, OF CUSTAR, OHIO.

SKATE-RUNNER.

997,030.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHRIST ADLER, citizen of the United States, residing at Custar, in the county of Wood and State of Ohio, have
5 invented certain new and useful Improvements in Skate-Runners, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to ice skates, and
10 the principal object of the same is to provide a runner therefor that is provided with means that will prevent rearward slippage of the skates and which will also assure of the runner having a firm engagement with
15 the ice so that the starting stroke of skating will be expedited.

In carrying out the objects of the invention generally stated above it will be understood, of course, that the essential features
20 thereof are necessarily susceptible of changes in details and structural arrangements, one preferred and practical embodiment of which is shown in the accompanying drawings.

The invention consists in the construction and arrangement of parts, as will be hereinafter described and particularly pointed out
25 in the claim.

Figure 1 is a perspective view of a skate
30 equipped with the improved runner. Fig. 2 is a detail view in side elevation of the runner.

The improved runner has been shown in connection with the well known type of
35 clamp skates, said skates being designated generally by the numeral 1. The runner 2 has the usual straight elongated ice-engaging surface 3 and at its forward end is provided with the upwardly and outwardly
40 curved nose 4. Said nose 4 has its ice-engaging surface provided with transversely arranged teeth 5 whose sharpened outer ends 6, incline rearwardly so that any tendency of the skate runner to slide rearward
45 will cause said teeth to firmly bite into the ice.

It will be seen from the foregoing that the improved runner will be of material aid

to beginners, and also that it will greatly aid racers in getting a quick start for the reason
5 that the nose of the runner being firmly engaged with the ice, the racer can quickly swing into his stride without danger of a rearward slip.

It will be obvious that the rearward incline of the teeth is such that they do not interfere at all with the forward movement of
55 the runner.

It is to be noted (see Fig. 1) that the nose
4 terminates at its upper end in a rearwardly and downwardly-extending plate-engaging hook or lug 4^a; the plate 8, at its
60 forward end, is securely held under the hook or lug 4^a (Fig. 1) and is supported upon the standard portions 9. The hook 4^a serves as
65 an efficient holding means for the plate 8, as the curvature of the nose prevents the plate from being pushed down on the runner, whereas the hook 4^a rigidly and securely
70 fastens the plate 8 upon the standard portions 9. It also is to be noted that the nose 4 is gradually curved in the arc of a circle, and that the under-surface of said nose is provided with teeth formed saw-like; each
75 tooth projecting from the nose at right-angles to the longitudinal axis of the same, whereby said teeth bite into the ice so as to prevent backward slipping of the runner when a forward stroke of the skate is made.

What I claim as my invention is:—
80

A skate comprising a runner having its forward end curved upward from the tread to its upper extremity, the under surface of said forward end being provided with rearwardly projecting saw-like teeth throughout the entire curved portion whereby backward movement of the skate upon the ice
85 will be prevented when the heel portion is raised.

In testimony whereof I hereunto affix my
90 signature in presence of two witnesses.

CHRIST ADLER.

Witnesses:

HARRY J. JONES,
NANCY FRANCE.