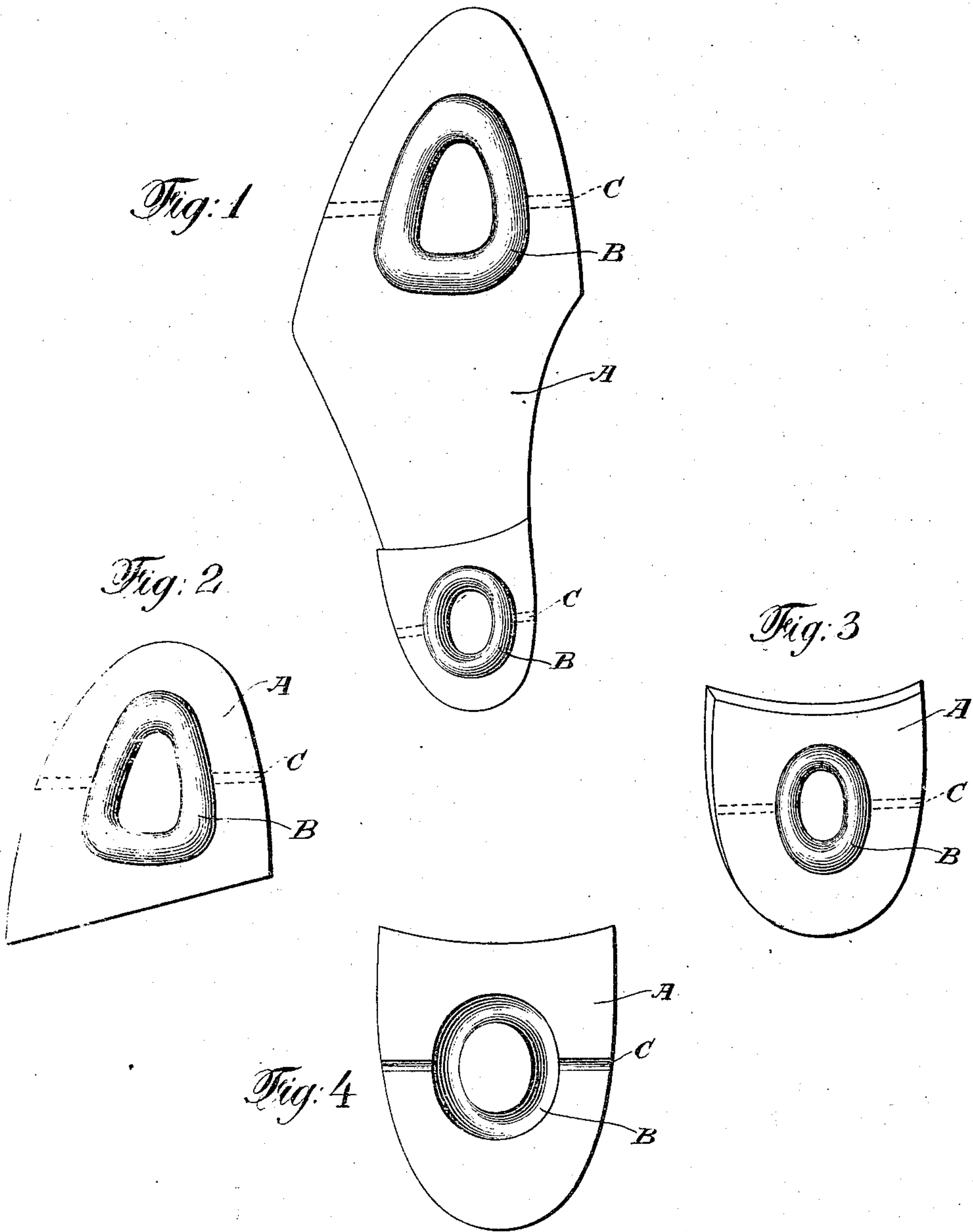


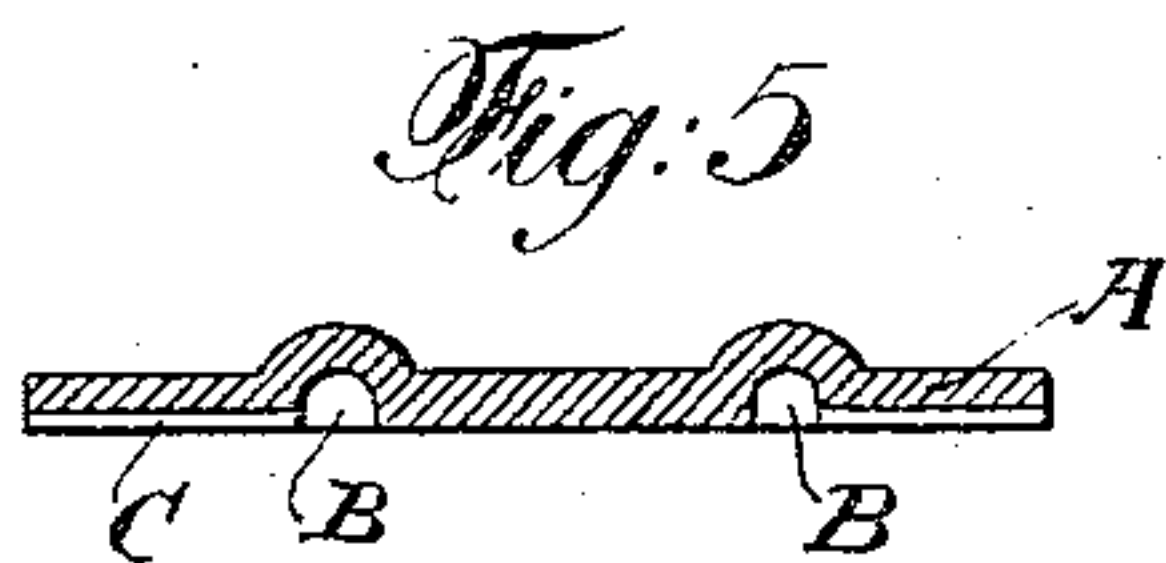
No. 896,075.

PATENTED AUG. 18, 1908.

R. T. BADGLEY.  
RUBBER SOLED SHOE.  
APPLICATION FILED MAR. 21, 1907.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

ROBERT T. BADGLEY, OF NEW YORK, N. Y.

## RUBBER-SOLED SHOE.

No. 896,075.

Specification of Letters Patent.

Patented Aug. 18, 1908.

Application filed March 21, 1907. Serial No. 363,589.

*To all whom it may concern:*

Be it known that I, ROBERT T. BADGLEY, a citizen of the United States, residing in the city of New York, county of New York, and State of New York, have invented a new and useful Improvement in Rubber-Soled Shoes, of which the following is a specification.

The object of the invention is to provide a rubber sole or heel for a shoe which will give the greatest amount of elasticity and afford a greater resistance to slipping than has heretofore been obtained. This I do by means of air cushions, having air vents either on the heel or on the sole or at both places.

In the accompanying drawings which serve to illustrate my invention, and in which similar letters represent corresponding parts, Figure 1. represents the entire ground side of my improved rubber sole; Fig. 2. represents the ground side of the sole or forward part; Fig. 3. the ground side of the heel; Fig. 4. the upper side of the heel; Fig. 5. is a cross-sectional view of the heel.

A represents a rubber or flexible sole; B air chambers and C air inlets.

When it is desired to use the sole on a flat shoe such as a boating, tennis or other form of outing shoe, the form shown in Fig. 1 is preferably used, showing the flat rubber surface and the two air chambers. When, how-

ever, the application is to be made to an ordinary walking shoe, it will be sufficient to attach the parts shown in Figs. 2. and 3. to such shoe.

An additional advantage of my invention lies in the fact that the form of air chamber shown with its air inlets gives a greater suction power than in any other form of rubber sole which has been known or used.

What I claim as my invention is:

1. The combination with a shoe, of a rubber sole or heel therefor provided with air-chambers projecting below the tread surface thereof, and air inlets leading to said chambers, as set forth.

2. A non-slipping device for the sole or heel of a shoe, comprising an elastic air-chamber projecting below the tread surface thereof and inclosing an open space on such tread surface, and air inlets leading to said chamber whereby said chamber is caused to exert a suction action as the air is sucked therein and exhausted therefrom and thereby prevent slipping, as set forth.

In witness whereof, I have hereunto set my hand this 19th. day of March, 1907.

ROBERT T. BADGLEY.

In the presence of—

CLARENCE S. GALSTON,  
F. B. ROY.