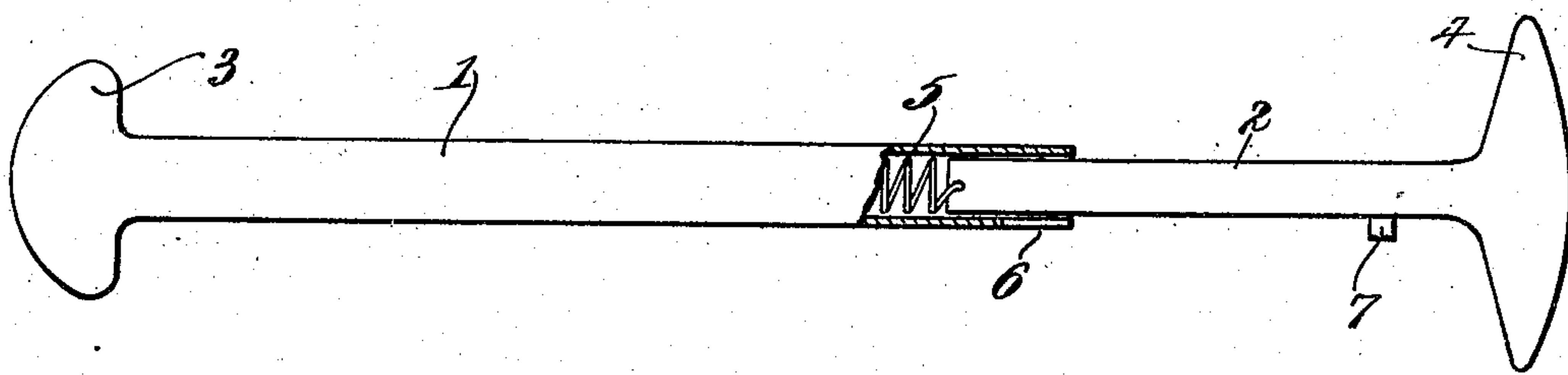
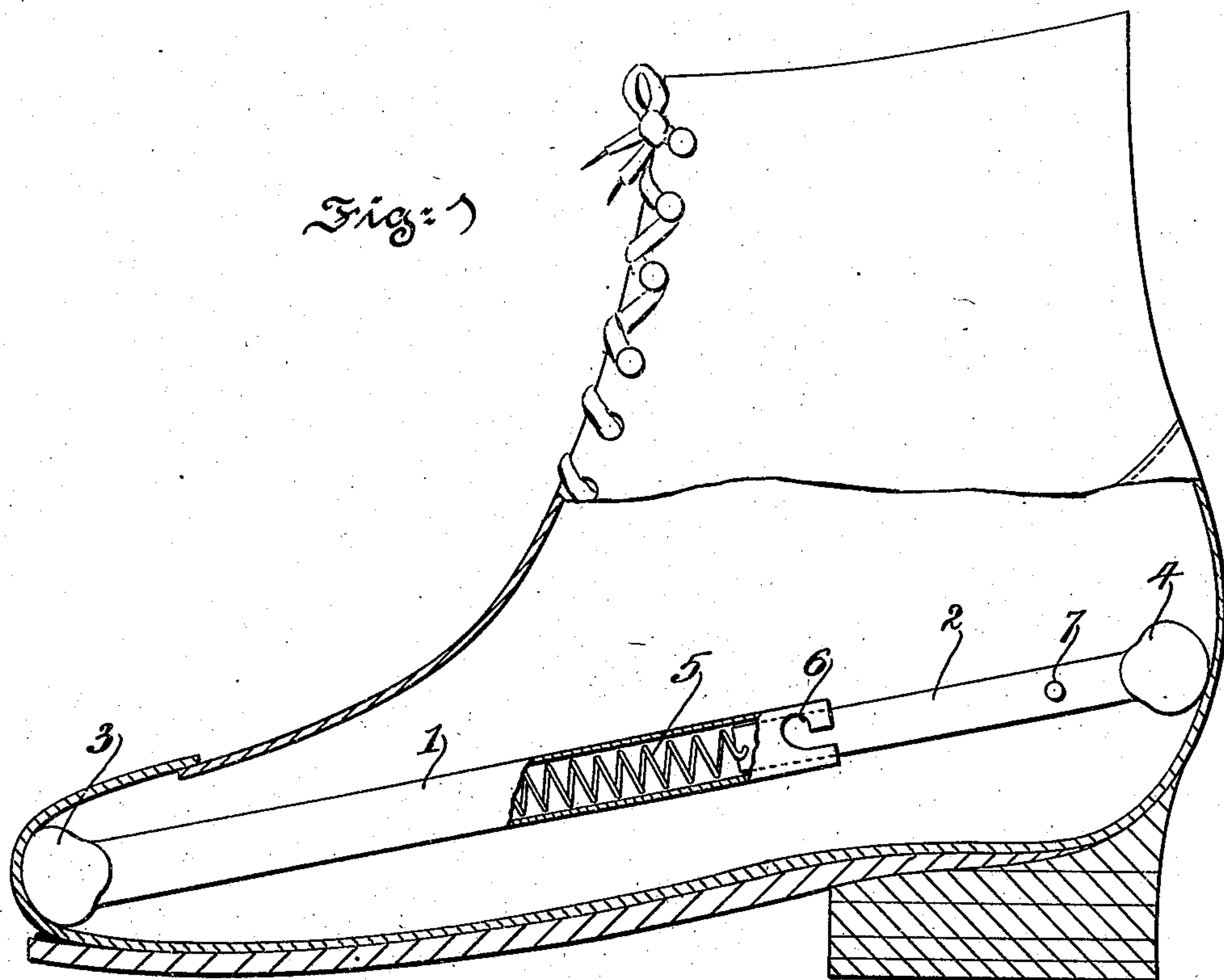


C. WIENER.
EXPANSIVE BOOT TREE.
APPLICATION FILED MAY 21, 1906.

924,023.

Patented June 8, 1909.



Witnesses:
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att'y

UNITED STATES PATENT OFFICE.

CLARENCE WIENER, OF PHILADELPHIA, PENNSYLVANIA.

EXPANSIVE BOOT-TREE.

No. 924,023.

Specification of Letters Patent.

Patented June 8, 1909.

Application filed May 21, 1906. Serial No. 317,916.

To all whom it may concern:

Be it known that I, CLARENCE WIENER, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a certain new and useful Expansive Boot-Tree, of which the following is a specification.

Objects of the present invention are to provide an efficient, simple and comparatively inexpensive boot tree which, when applied to a shoe, operates to push the toe downward and thus stretch the vamp and remove wrinkles from it; to so construct the tree that it is of small size and can be made to occupy very little space; and to provide a tree which may be easily inserted in position in the boots or shoes.

To these and other ends hereinafter set forth the invention comprises the improvements to be presently described and finally claimed.

In the accompanying drawings, Figure 1, is a side elevational view of an expansive boot tree embodying features of the invention showing the same in application to a shoe, and Fig. 2, is a plan view partly in section illustrating the boot tree.

In the drawings 1 and 2, are the two members of the tree and they are respectively provided with and rigidly attached to T-shaped heads 3 and 4, of which the arms are somewhat curved so as to accommodate them to the interior of the heel and toe parts of a boot or shoe. The members 1 and 2, together with their fixed heads may be advantageously made of metal in which case the structure can be comparatively small and relatively light. The member 1, is tubular and receives the member 2, with a sliding fit or telescopically.

5, is a spring arranged within the tubular portion of the member 1, and connected at its ends with the members 1 and 2, in this way affording a connection between them. The force of the spring tends to expand the overall dimensions of the device and thus when the device is placed in a shoe or boot the action is to push the toe of the latter downward and stretch the vamp.

6 and 7, are the parts of a bayonet catch or joint which serves to lock the members together after they have been telescopically pushed together. This catch may be used when the tree is not in use and it may be released after the tree has been positioned in the shoe, thus making it comparatively easy to apply the tree.

The fact that the tree is comparatively rigid throughout its entire length not only facilitates its application to a boot or a shoe, but also causes it to exert pressure on the shoe in an advantageous manner and so as to push the toe of the shoe downward.

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

A boot tree comprising rods telescopically slidable in respect to each other and having a spring interposed between them, a T-shaped head immovably and rigidly fixed to each rod, and a bayonet joint having its respective members arranged as provisions of the rods, substantially as described.

In testimony whereof I have hereunto signed my name.

CLARENCE WIENER.

Witnesses:

W. J. JACKSON,
FRANK E. FRENCH.