

F. W. SAVAGE.  
WATERPROOF BOOT.  
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966,774.

Patented Aug. 9, 1910.

Fig. 1.

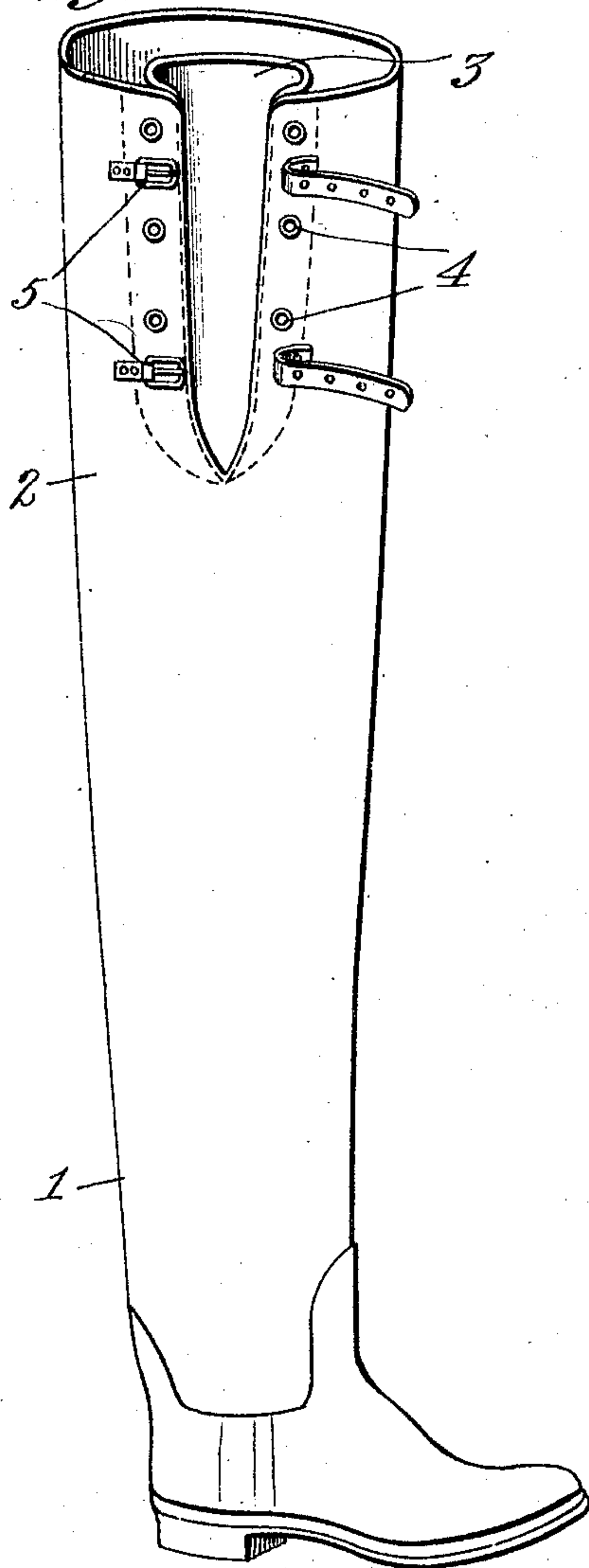
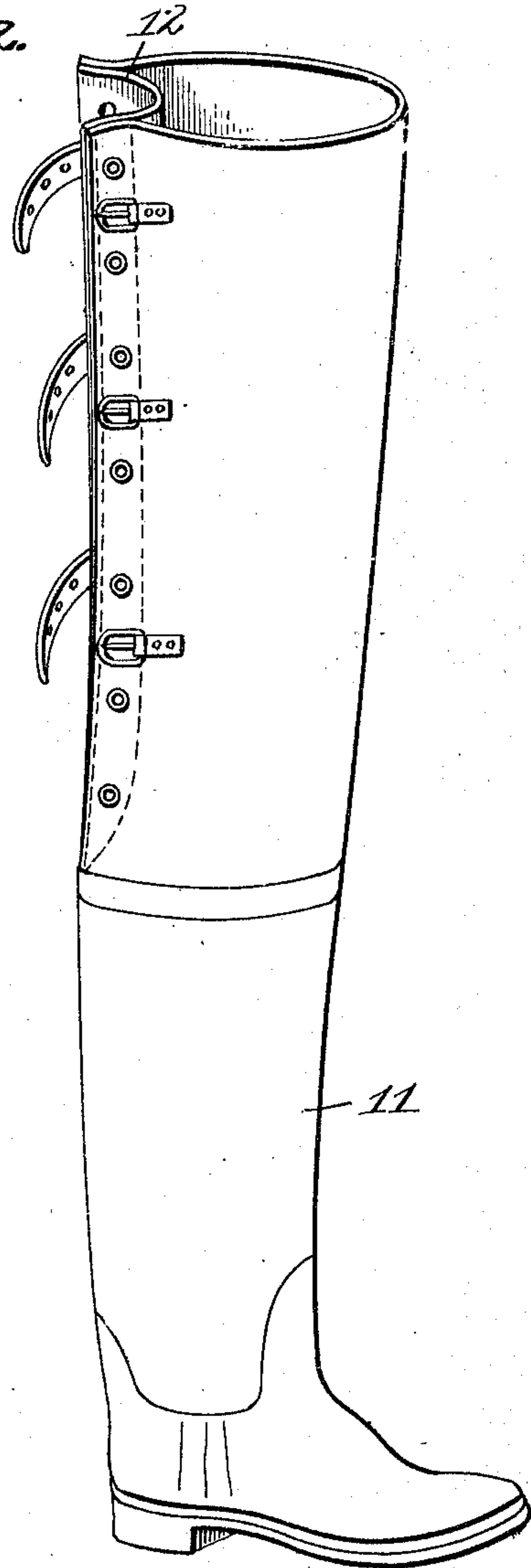


Fig. 2.



Witnesses

Edwin L. Yewell  
Edwin F. Frey

Inventor

Frederic W. Savage  
By Percy B. Hill  
Attorney

# UNITED STATES PATENT OFFICE.

FREDERIC W. SAVAGE, OF GRANVILLE, NEW YORK.

## WATERPROOF BOOT.

966,774.

Specification of Letters Patent.

Patented Aug. 9, 1910.

Application filed February 13, 1909. Serial No. 477,773.

*To all whom it may concern:*

Be it known that I, FREDERIC W. SAVAGE, a citizen of the United States, residing at Granville, county of Washington, and State of New York, have invented new and useful Improvements in Waterproof Boots, of which the following is a specification.

My invention relates to waterproof boots shown in an application for Letters Patent filed by me May 1, 1906, Serial No. 314,623, and has for its object to provide certain improvements in the same consisting of an improved top for the same which will not only be waterproof, but will fit any sized leg, and may be buckled, laced or otherwise fastened to be drawn snug to the leg of the wearer, whereby access of moisture at the top thereof will be prevented and the article retained in its adjusted position without sagging.

In the accompanying drawing:—Figure 1 is a perspective view of a boot embodying one form of my invention. Fig. 2 is a similar view embodying a modified construction.

Rubber boots heretofore when extended above the knee have had said extensions made of thin rubber which is not only easily cracked or torn, but because of their size and flexibility tend to gap open at the top and to sag down. This difficulty I propose to remedy by providing the boot with what is known as a "bellows" plait or tongue, located either in the front or back or in either side of the extension, and extending from any point above the boot proper to the top of the extension. By this construction ample room may be left for the insertion of the foot of the wearer, and when the boot is adjusted in position on the leg said "bellows" plait or tongue may be drawn together at its edges, by suitable lacing, buckles, or other fastening means, whereby a snug fit will be assured and any sagging prevented.

Referring now to the drawing, and particularly to Fig. 1 thereof, I have shown a rubber boot 1 formed up to the knee like the ordinary knee boot, and extended from the knee to the hip or thigh at 2, said upper leg portion being provided in one side with a "bellows" plait or tongue 3 also formed

of rubber or waterproof material, the edges of the slit formed in the upper leg portion to receive said plait or tongue being provided with eyelets 4 to receive a lacing cord, or with buckles 5 of any desired construction, or with both. Said boot is manufactured as follows: The several parts constituting the sole, foot portion and leg portion are assembled upon a last and cemented and pressed into shape in the usual manner, the upper leg portion having been previously split, as shown, and having attached thereto by cementing and stitching the "bellows" plait or tongue 3. The article is then vulcanized as a whole, whereby the line of connection between said plait or tongue 3 and the upper leg portion 2 is made watertight, and with the eyelets 4, or buckles 5, or both, added, is ready for use.

In Fig. 2 I have shown a somewhat different construction wherein the boot 11 is provided with an upper leg portion formed preferably of waterproofed duck, and provided in its rear, with a "bellows" plait or tongue 12 extending from its top down to the top of the boot 11 proper. This article is manufactured as follows: The several parts of the boot 11 are assembled upon the last and cemented and pressed into shape ready for vulcanization. The upper leg-portion, which has been split and had cemented and sewed thereto the plait or tongue 12, is then cemented to the upper edge of said boot 11, and the article as a whole then vulcanized. The same being finished by adding eyelets or buckles, or both, is ready for use.

It will be understood that I do not limit myself to any particular length of "bellows" plait or tongue, as the same may extend from the top of the leg portion down to any point above the boot proper, and may be located in either side or the front or rear of said boot. So also, I may form the upper leg portion of any suitable waterproof material, such as rubber or waterproofed duck, the latter being extremely durable, much more so than rubber. I may also form the whole leg and foot portion of the boot of waterproofed duck and connect it to a rubber insole, to which an outer-sole of leather or other suitable material is fastened, as



described in an application for Letters Patent filed by me February 10, 1909, Serial No. 477,131.

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

A boot formed of waterproof material and provided with a flexible extension above the knee, and a bellows plait or gusset also  
10 of waterproof material located in said ex-

tension and extending to the top of said extension, all of said parts being united waterproof.

In testimony whereof I have hereunto set my hand in the presence of two subscribing  
15 witnesses.

FREDERIC W. SAVAGE.

Witnesses:

PERCY B. HILLS,  
EDWIN F. FREY