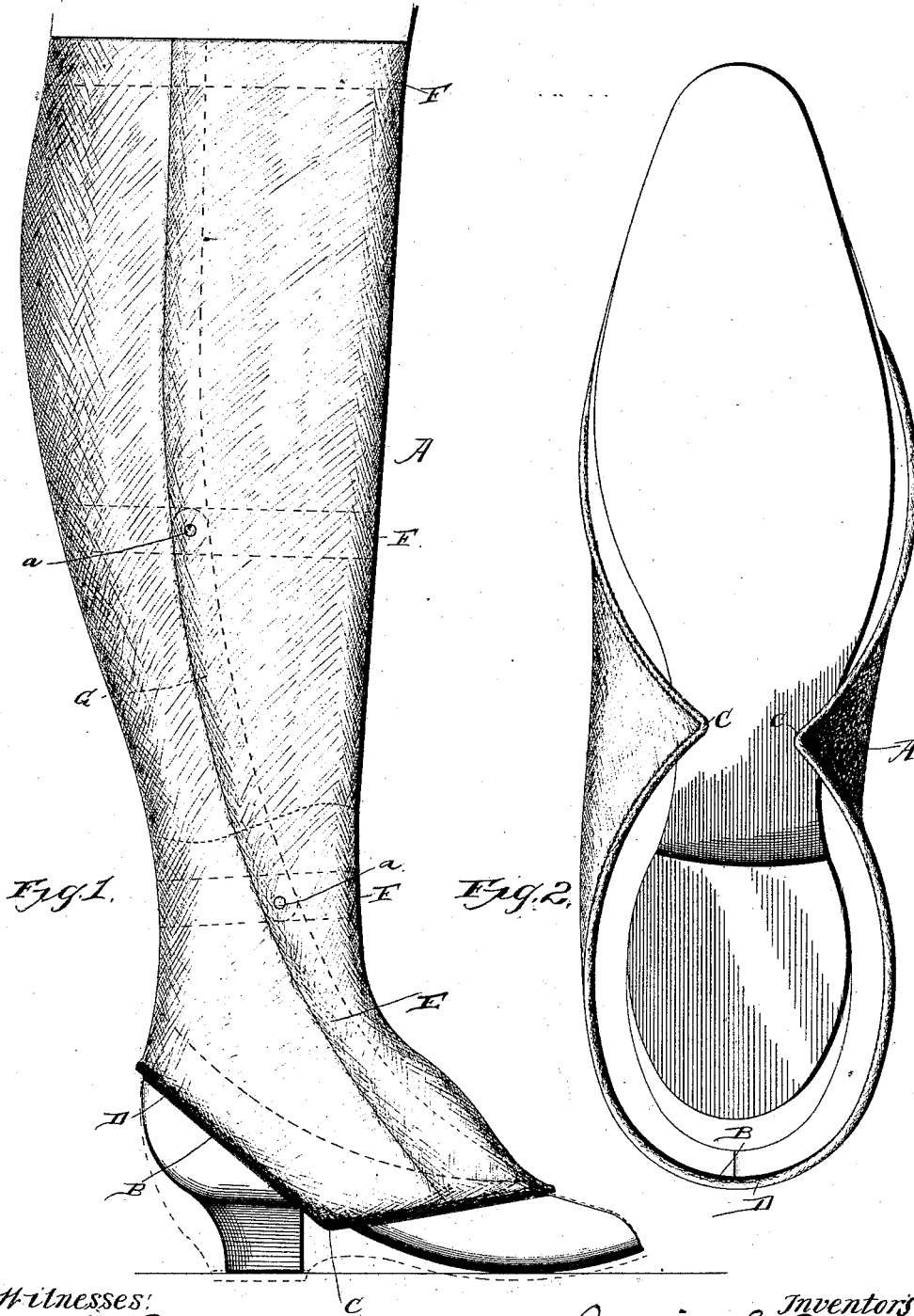


(No Model.)

J. E. CARTS & J. E. GIBBS.  
WATER PROOF LEGGIN.

No. 421,906.

Patented Feb. 25, 1890.



Witnesses:  
*Geo. J. Schaefer*  
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# UNITED STATES PATENT OFFICE.

JENNIE E. CARTS, OF BALTIMORE, MARYLAND, AND JAMES EDWIN GIBBS,  
OF JONESBOROUGH, TENNESSEE; SAID GIBBS ASSIGNOR OF PART HIS  
INTEREST TO SAID CARTS.

## WATER-PROOF LEGGIN.

SPECIFICATION forming part of Letters Patent No. 421,906, dated February 25, 1890.

Application filed November 18, 1889. Serial No. 330,796. (No model.)

### *To all whom it may concern:*

Be it known that we, JENNIE E. CARTS and JAMES EDWIN GIBBS, citizens of the United States, residing, respectively, at Baltimore, in the State of Maryland, and Jonesborough, in the county of Washington and State of Tennessee, have invented certain new and useful Improvements in Water-Proof Leggins; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to leggins, and has for its object the manufacture of a water-proof leggin especially adapted for the use of ladies, misses, and children.

The invention will be hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, which form part of this specification, Figure 1 represents our invention in side elevation, and Fig. 2 a bottom plan view showing our invention applied to a shoe.

Reference being had to the drawings and the letters thereon, A indicates a leggin made of any suitable material capable of repelling water or snow, and is provided at its lower end with a continuous wire frame B, which conforms to the leggin and fits over the foot in front of the instep, and is provided with extensions C on each side thereof, which extend down under the foot and engage with the shank of the shoe.

To enable the foot to pass through the leggin, the rear or heel portion D is cut away considerably more than is required in a leggin open on the side from end to end, and the seam of fold E is made between the ankle and the instep. The under fold of the seam extends forward to form a lap, as shown in dotted lines, of sufficient width to protect the foot and dispense with the use of buttons, hooks, &c., to secure the seam at this point.

The leggin is secured to the foot by the tension of the spring-frame B, which draws the lower end of the leggin closely around the foot and prevents snow from coming in contact with that part of the foot, and a series of metallic clasps F secure it to the leg of the wearer. The lower clasp is applied just above the ankle to close the seam or fold E from the frame B up to the ankle, and the remaining clasps are applied in substantially the position shown.

Between the lower and middle clasps F a stay G is applied in the seam of the front lap and secured to the clasps by means of rivets *a a*, for the purpose of keeping the leggin stretched at that point.

The leggin may be worn over an overshoe, as shown in dotted lines in Fig. 1, or the front of the overshoe may be drawn over the lower end of the leggin.

By the construction shown a neat, comfortable, and serviceable leggin is produced, which will thoroughly protect the ankles and limbs of the wearer, and can be readily applied without buttoning, and removed without unbuttoning any of the parts.

The leggin is designed to be made of various sizes, and, if desired, may be adapted to the use of men and boys for riding and hunting.

Having thus fully described our invention, what we claim is—

1. A leggin having a continuous frame in the margin at the lower end bounding the opening of the leggin at said end, conforming to and extending over the top of a foot or shoe in front of the instep, substantially as described.

2. A leggin having a continuous flexible frame at the lower end in the margin thereof, extending in front of the instep and conforming to the top and sides of a foot or shoe, and provided with extensions on the sides, which project under the shank of a shoe, substantially as described.

3. A leggin having a continuous flexible frame at the lower end in the margin thereof, conforming to the opening in said end of the leggin, and said leggin provided with a fold  
5 on one side between the ankle and the instep, substantially as described.

4. A leggin having a continuous flexible frame in the lower end thereof projecting upward at the heel, substantially as shown, and  
10 a fold or seam between the ankle and the instep, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

JENNIE E. CARTS.

JAMES EDWIN GIBBS.

Witnesses to signature of Jennie E. Carts:

THOS. KELL BRADFORD,

H. K. BROWN.

Witnesses to signature of James Edwin Gibbs:

C. N. ESTES,

T. A. DUCKWORTH.