

No. 834,502.

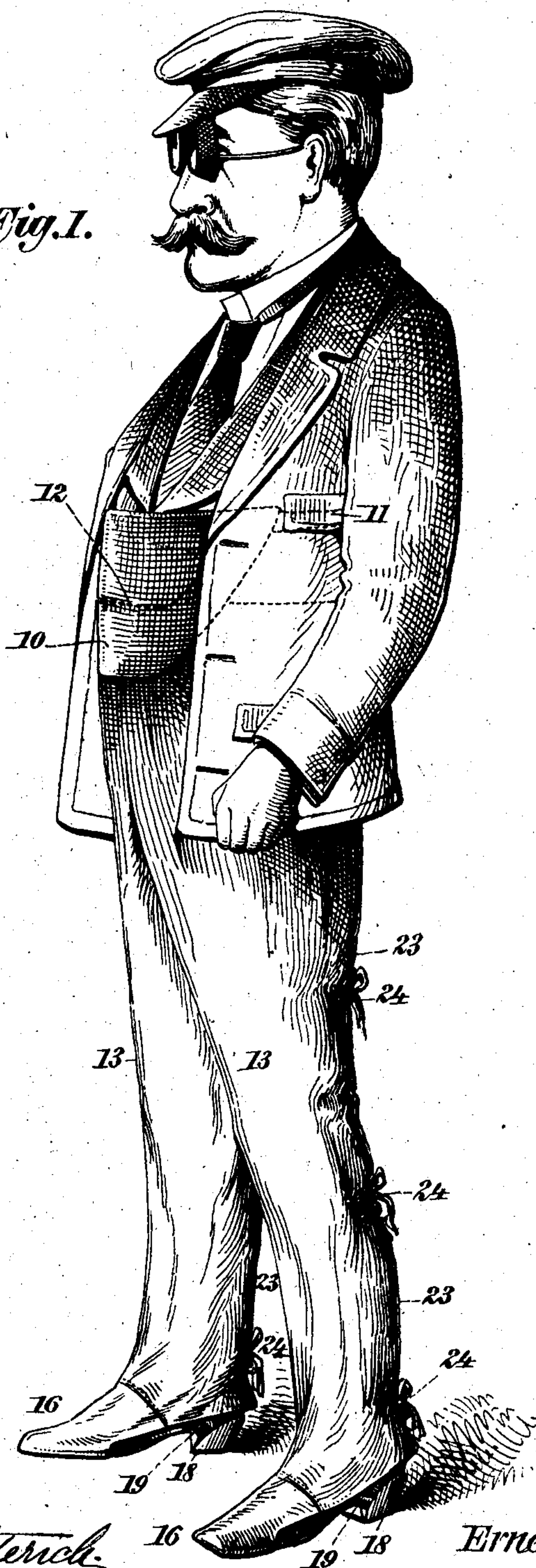
PATENTED OCT. 30, 1906.

E. WENIGMANN.  
GARMENT FOR AUTOMOBILE OPERATORS.

APPLICATION FILED APR. 27, 1906.

3 SHEETS—SHEET 1.

*Fig. 1.*



WITNESSES:

*Gustave Dietrich.*

*Edwin H. Dietrich.*

INVENTOR

*Ernest Wenigmann*

BY

*Chas. C. Gill*

ATTORNEY

No. 834,502.

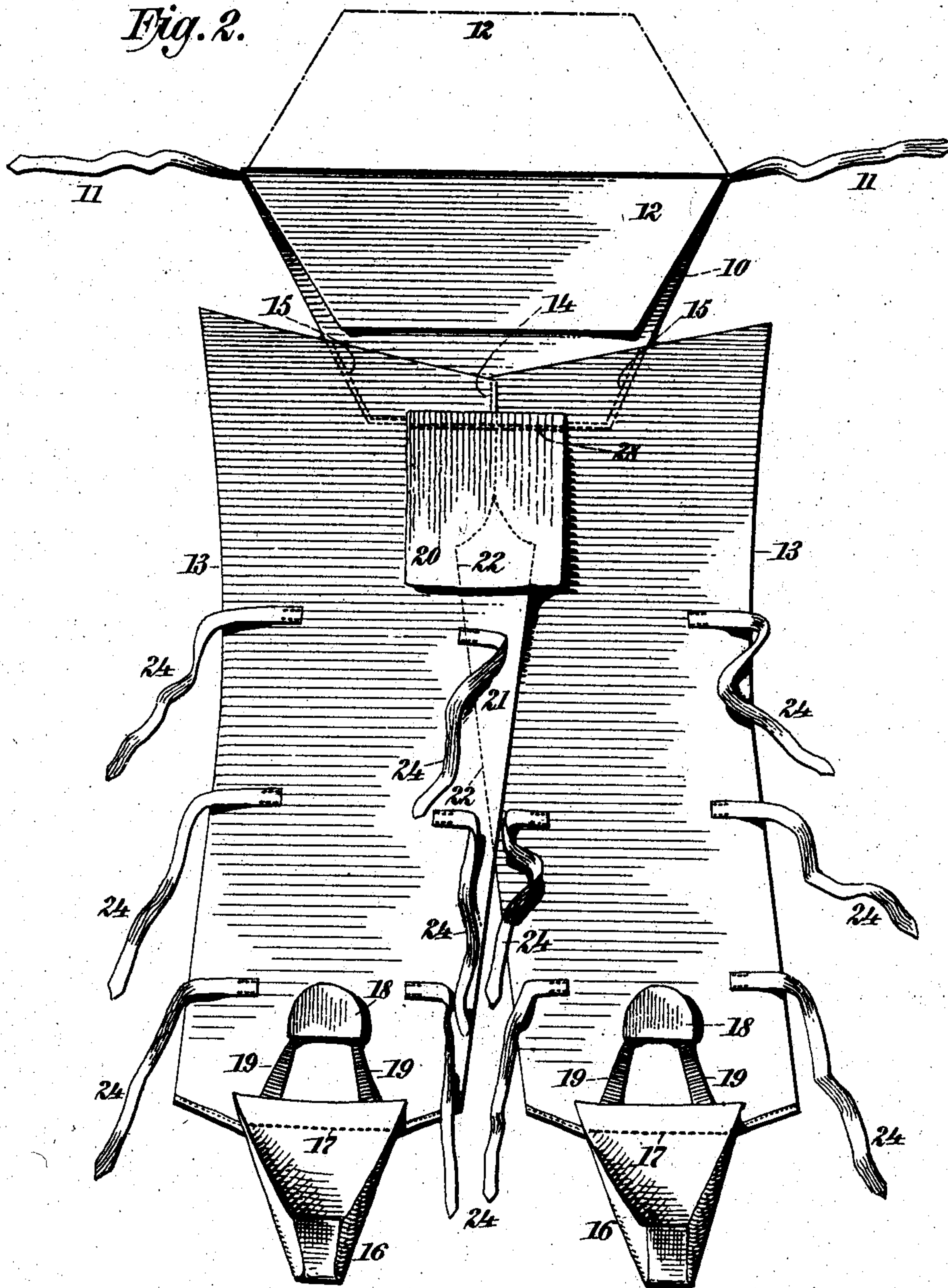
PATENTED OCT. 30, 1906.

E. WENIGMANN.  
GARMENT FOR AUTOMOBILE OPERATORS.

APPLICATION FILED APR. 27, 1906.

3 SHEETS—SHEET 2.

Fig. 2.



WITNESSES:

*Gustav Kötter*  
*Edwin H. Britsch*

INVENTOR

*Ernest Wenigmann*

BY

*Chas. C. Gill*  
ATTORNEY



No. 834,502.

PATENTED OCT. 30, 1906.

E. WENIGMANN.  
GARMENT FOR AUTOMOBILE OPERATORS.

APPLICATION FILED APR. 27, 1906.

3 SHEETS—SHEET 3.

Fig. 3.

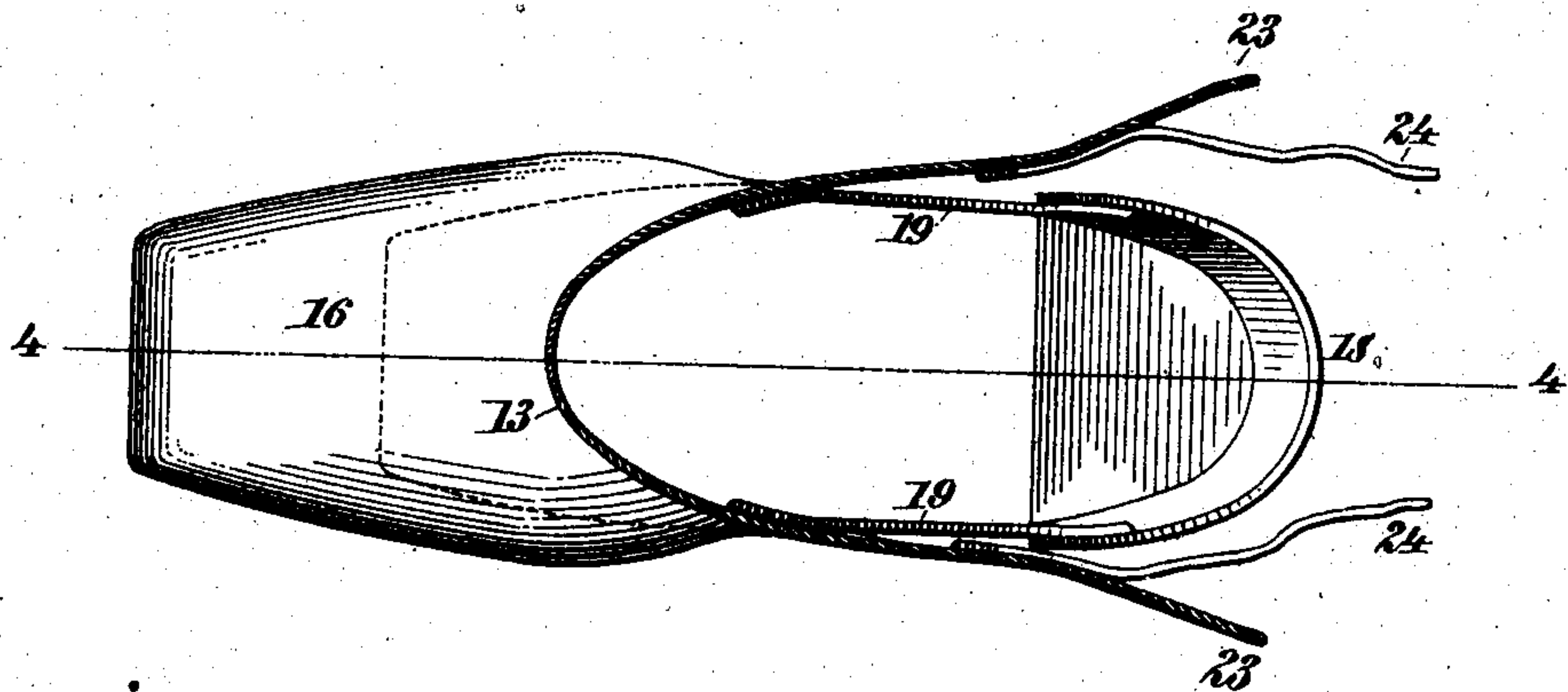


Fig. 6.

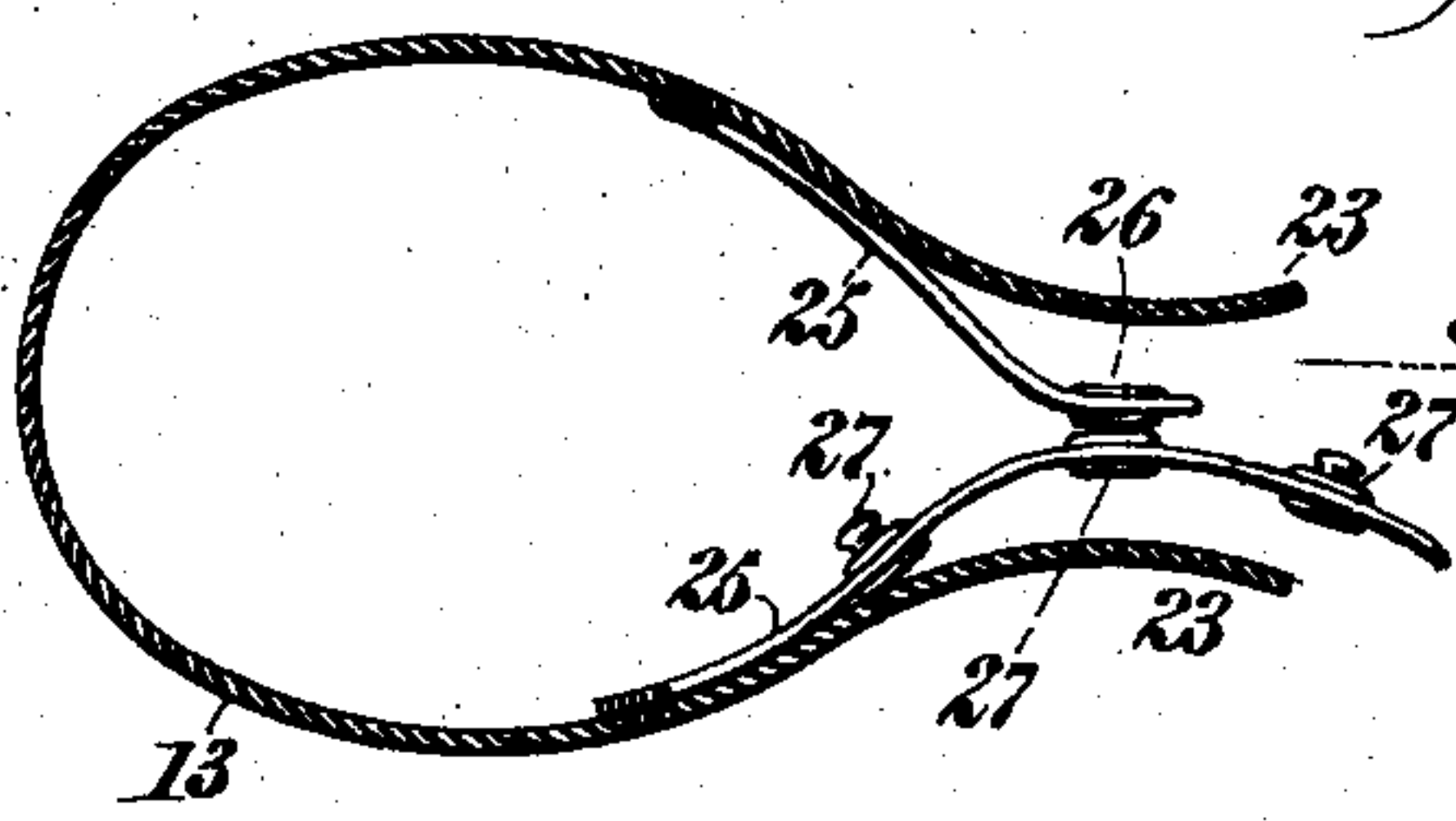


Fig. 4.

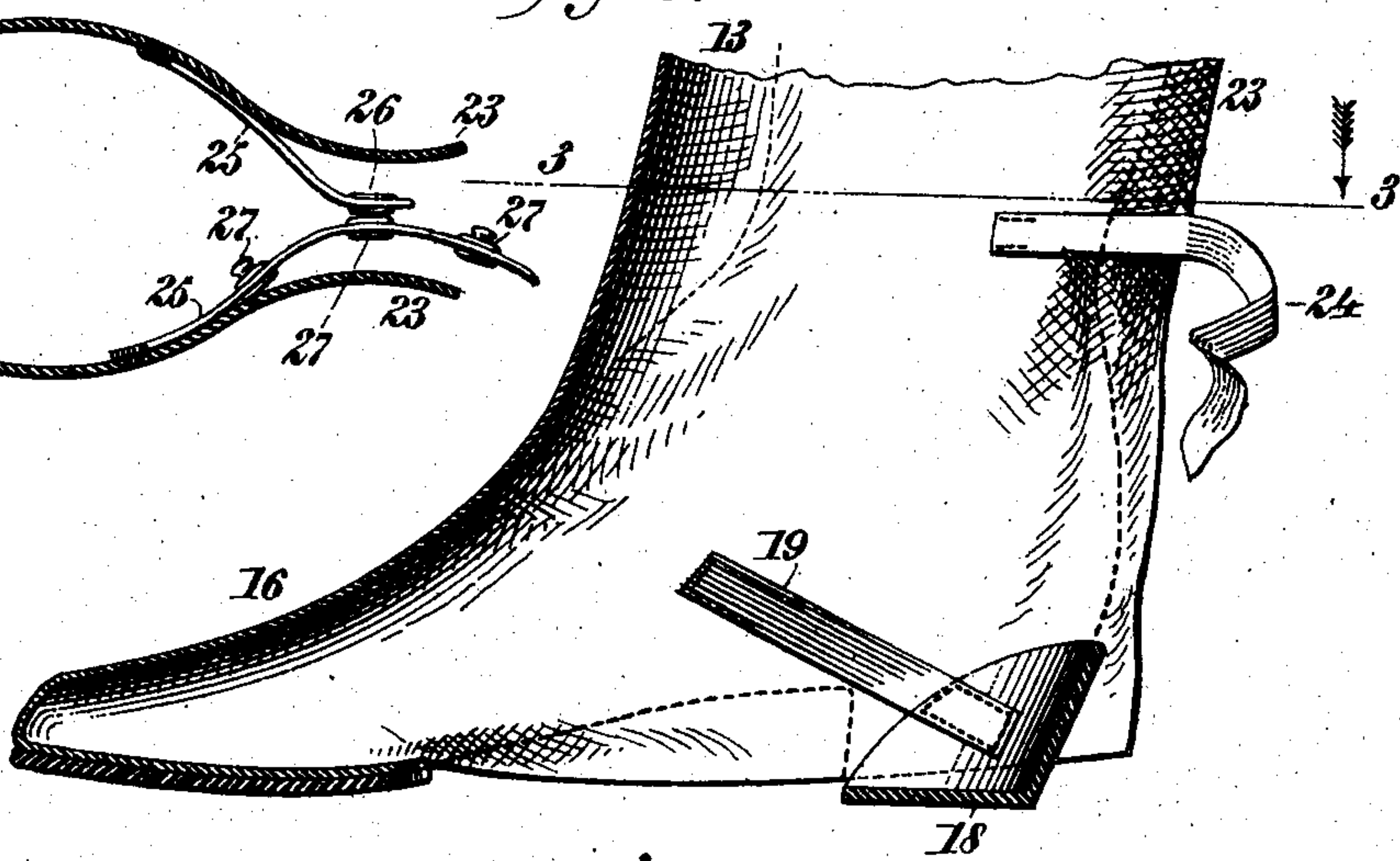
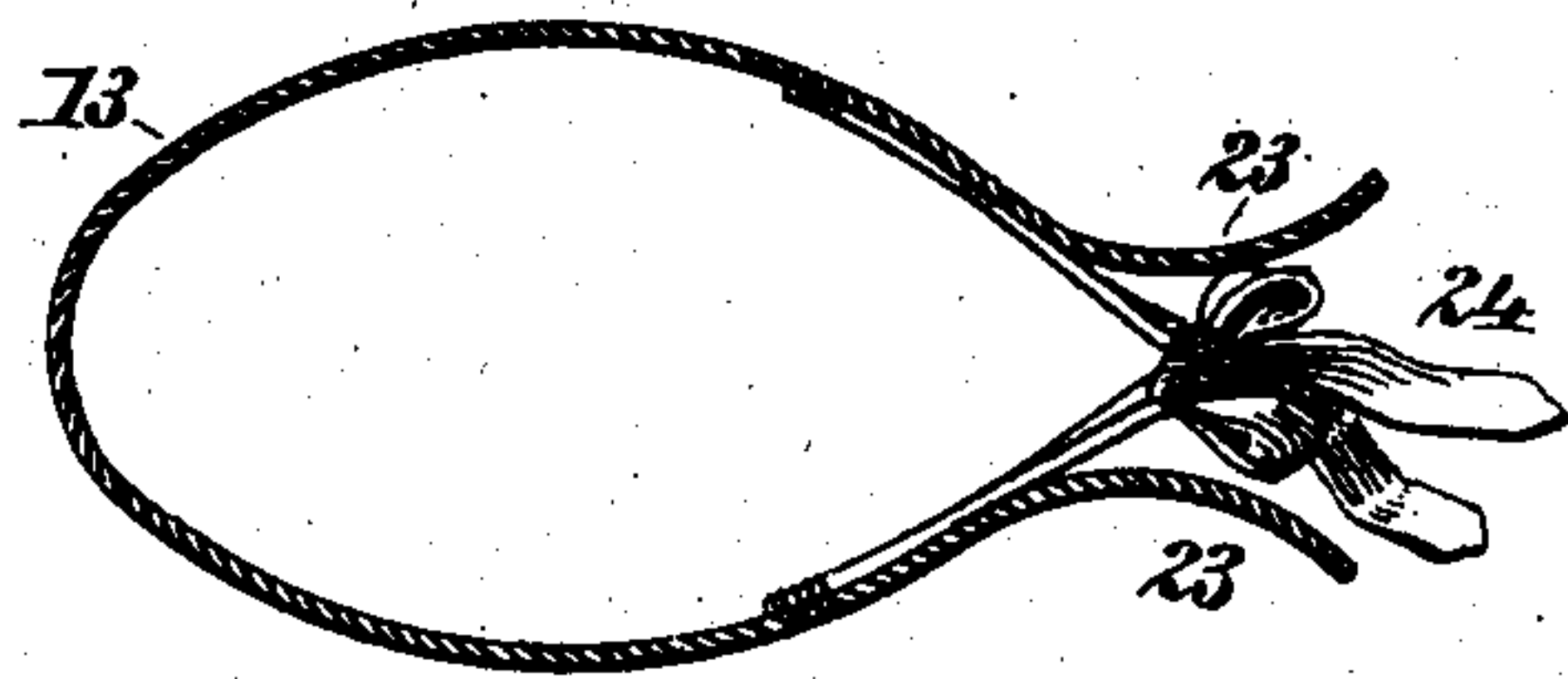


Fig. 5.



WITNESSES:

*Gustave Dietrich*  
*Edwin H. Dietrich*

INVENTOR

*Ernest Wenigmann*

BY

*Chas. C. Gill*

ATTORNEY



# UNITED STATES PATENT OFFICE.

ERNEST WENIGMANN, OF NEW YORK, N. Y.

## GARMENT FOR AUTOMOBILE OPERATORS.

No. 834,502.

Specification of Letters Patent.

Patented Oct. 30, 1906.

Application filed April 27, 1906. Serial No. 313,929.

*To all whom it may concern:*

Be it known that I, ERNEST WENIGMANN, a citizen of the United States, and a resident of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Garments for Automobile Operators, of which the following is a specification.

The invention relates to improvements in outer garments for automobile operators; and it consists in the novel features and structure hereinafter described, and particularly pointed out in the claims.

The object of the invention is to provide an outer garment adapted to be conveniently applied to and removed from the legs, feet, and body of an automobile operator to protect him from rain, cold winds, and dust and which when on the operator will not interfere with the free use of his legs and feet whether he is on the automobile or finds it necessary to alight from the same.

The garment of my invention may be conveniently applied by the operator upon himself while he is seated in an automobile, and this is a feature of advantage to a gentleman who may prefer to operate his own machine and who may be met at, say, a railroad-station by the automobile and desire to protect himself by means of the garment from cold or rain or dust.

The garment may of course be applied to the wearer at any time, and when applied it affords the protection of and avoids all of the objections to a first-class lap-robe, which cannot safely be used by an automobile operator, and in addition the garment of my invention is not objectionable in appearance and permits the wearer of the same to comfortably walk about should he find it necessary or convenient to alight from the machine.

The garment will also protect the clothing of the wearer from being soiled while he is engaged in attending to any repairs, work, or correction on or in the machine.

The garment of my invention comprises in its more complete form a body portion to be fastened about the waist, an upper flap-section which may be turned upwardly when desired to protect the chest, leg members to be fastened about the legs of the wearer, feet portions to be applied over the top and adapted to receive the toe parts of the shoes of the wearer, heel-caps to engage the heels of the shoes of the wearer and aid in maintaining the said feet portions in firm and convenient

position, and a flap at the crotch of the garment to protect the like part of the wearer, the said leg members being so formed that when wrapped about the legs and fastened their edges constitute outwardly-projecting sections which serve to break the wind from the wearer and to form means for directing off rain-water in lieu of allowing it to pass around the legs and under the seat of the wearer. At the crotch portion of the garment the leg members when in their normal flat condition considerably overlap each other, so that when the garment is put on said overlapping portions may pass down between the legs of the wearer and cooperating with said crotch-flap afford effectual protection against wind and rain.

The invention will be fully understood from the detailed description hereinafter presented, reference being had to the accompanying drawings, in which—

Figure 1 is a representation of an automobile operator clothed in an outer garment embodying my invention. Fig. 2 is a plan view of the garment spread out and taken from the inner side thereof, the upper flap-section of the body portion of the garment being shown turned downwardly by full lines, while the upper position of said flap-section is indicated by dotted lines. Fig. 3 is a horizontal section on the dotted line 3 3 of Fig. 4 through one leg member of the garment. Fig. 4 is a vertical section of same on the dotted line 4 4 of Fig. 3, only the lower portion of one leg member being illustrated and the position of the foot therein being denoted by dotted lines. Fig. 5 is a transverse section through one leg of the garment on about the dotted line 3 3 of Fig. 4 and illustrates the outer portions of the leg member as drawn toward each other and fastened by means of tapes tied together; and Fig. 6 is a corresponding view of same, illustrating the outer portions of the leg member of the garment as fastened by means of snap-buttons, such as commonly used on gloves, in lieu of tapes tied together.

In the drawings, 10 designates the body portion of the garment to be fastened upon the wearer by means of tapes 11 or other suitable means; 12, an upper flap-section fastened along the upper edge of the portion 10 and adapted to fold down against the same, as shown in Fig. 2, or be turned upwardly therefrom to the position indicated by dotted lines, and thereby form a protection for



the chest; 13, the leg members of the garment, fastened together at their upper inner vertical edges by the line of sewing 14 and at their upper inner portions secured by said line of sewing 14 and by the line of sewing 15 to the said body portion; 16, the feet portions of the garment, adapted to cover the top and receive the toe end of the shoes and fastened by lines of sewing 17 to the middle portions of the lower edges of said leg members; 18, the heel-caps, connected by elastic straps 19 to said feet portions, and 20 a flap at the crotch of the garment and secured by the line of sewing 28 at the inner side of the leg members 13 above the crotch of the garment, the said flap 20 being free below its upper edge and adapted when the wearer of the garment is seated in an automobile to extend downwardly below the upper surface of the wagon-seat, so as to protect the wearer against chilling winds and rain.

The body portion 10 protects the body of the wearer and extends above the waist-line, as shown in Fig. 1, and in the event of inclement weather the wearer may turn the upper flap 12 upwardly, so that it may afford protection to his chest. The lower portion of the body 10 is narrower than the combined width of the upper ends of the leg members 13, and this enables said leg members to be folded about the legs and thighs without creating a bulky condition of the garment about the waist. I give the upper portions of the leg members 13 considerable width, so that they may be folded around the thighs and upper portions of the legs and afford adequate protection. At the crotch portion of the garment the leg members 13 extend inwardly beyond each other, whereby what may be termed a "flap-section" 21 is formed upon the left-hand leg member 13 looking at Fig. 2, extending inwardly beyond a corresponding flap-section 22, formed on the right-hand leg member 13, said flap-section 22 being indicated by dotted lines. The flap-sections 21 22 are not sewed together, but are free of each other except at the point where their upper converging edges meet at the lower end of the line of sewing 14, said line of sewing 14 uniting the upper inner edges of the leg members on a vertical line and terminating at the upper end of said flap-sections 21 22 and above the lower portion of the hanging crotch-flap 20.

The leg members 13 are of sufficient width to be folded and fastened around the legs of the wearer and to afford when in position outwardly-projecting portions, (indicated at 23,) which serve as protections to break the wind from the wearer and as means for directing off rain-water in lieu of allowing it to pass around the legs and under the seat of the wearer, in which respect the leg members 13 differ essentially from ordinary trousers-legs and from close-fitting leggings. The leg

members 13 may be fastened around the legs of the wearer by any suitable means, and I indicate in Fig. 2 the employment of oppositely-placed tapes 24 for securing them in position. The inner ends of the tapes 24 are secured at points located inwardly a considerable distance from the vertical edges of the leg members, so that when said members are secured upon the wearer the projecting protecting portions 23 may be formed at both sides of the joint created by bringing together the opposite portions of said leg members.

I regard the provision of the overlapping flap-sections 21 22 at the upper portion of the adjoining parts of the leg members as of considerable importance, since when the garment is upon the operator and he is seated said flap-sections 21 22 extend downwardly along the facing sides of the legs and cooperate with the flap 20 in the protection of the lower front portion of the body of the wearer, said flap-sections 21 22 and flap 20 warding off wind and providing surfaces upon which water may be directed from about the lap of the operator in case he is compelled to run the machine during a downpour of rain. I find it convenient to apply the securing-tapes 24 at about the ankle-line and just below the knee-line and at an intermediate point between the knee-line and the upper edge of the leg members. I do not desire to limit my invention to the employment of tapes 24 to be tied together in a knot as the means for securing the leg members around the legs of the wearer; but such tapes 24 are very convenient of use, since they permit the garment to be comfortably adjusted to legs differing in thickness. I am, however, aware that some persons may object to the tying of the tapes 24, and hence I illustrate in Fig. 6 a means for securing the leg members by means of bands or tapes 25, one being shorter than the other and carrying one section 26 of a snap-button, while said other or longer band or tape is provided with a series of button-sections 27, any of which may be engaged by the section 26 on the other tape in accordance with the proportions of the legs of the wearer and his ideas of a comfortably-fitting garment. The tapes 24 (shown in Fig. 2) afford means for adjusting the leg members 13 in comfortable position upon the wearer, and the tapes 25 with their button-sections (shown in Fig. 6) enable the like convenient adjustment of the leg members to the wearer and in addition dispense with the necessity of tying the opposite tapes together by means of knots.

The feet portions 16 cover the top and sides of the shoes, as shown in Fig. 4, and receive the toe portions of the shoes, it not being my intention to allow the feet portions 16 to cover the entire soles of the shoes, but only enough thereof to insure the portions 16



properly remaining firmly upon the feet of the wearer. The heel-caps 18 are intended to cover a portion of the back, sides, and bottom of the heel, and their elastic connections 19 create a tension when the garment is in use, drawing the portions 16 against the shoes of the wearer, thus insuring the retention of said portions 16 in position without annoyance to the operator.

The garment of my invention is to be applied over the ordinary clothing of an operator and, as may be understood from the foregoing description, this outer garment leaves the legs and feet of the operator free, so that he may have no difficulty therefrom in attending to the treadles and other parts of an automobile, and in addition the garment is such that an operator may without removing the same alight from the automobile and perform any necessary duty in connection therewith.

The purpose accomplished by the invention is the providing of a garment which will efficiently protect the operator from chilling winds, dust, and rain and at the same time permit him to have the free use of his legs and hands and devote his undivided attention to his duties in driving the machine. The garment may be applied and removed while the operator is on the automobile, if he should so elect.

The garment of my invention may be made of any suitable material, but, obviously, should be of waterproof material and of a thickness appropriate to the season, being made of thicker material or properly lined for winter use.

Above the upper tapes 24 the opposite portions of the leg members gradually separate, so that the garment does not cover the seat of the wearer.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A garment to be folded and secured around the front of the body, thighs and legs of the wearer and comprising leg members connected together at their inner upper adjoining portions and normally free of each other at their outer edges and at their inner edges below the crotch and at said inner edges adjacent to the crotch being provided with overlapping flap-sections 21, 22 which gradually decrease in width as they approach the knee portions of the garment and are below a central point at which the upper ends of said sections are fastened together free to be folded down between the legs of the wearer, means for securing the upper portion of the garment around the body, and means provided along opposite portions of the leg members and set inwardly from the edges of same for securing said members around the legs and leaving projecting portions of said members at both sides of the joints created between opposite parts of said members at the back of the legs; substantially as set forth.

the back of the legs; substantially as set forth.

2. A garment to be folded and secured around the front of the body, thighs and legs of the wearer and comprising leg members connected together at their inner upper adjoining portions and normally free of each other at their outer edges and at their inner edges below the crotch and at said inner edges adjacent to the crotch being provided with overlapping flap-sections 21, 22 which gradually decrease in width as they approach the knee portions of the garment and are below a central point at which the upper ends of said sections are fastened together free to be folded down between the legs of the wearer, a crotch-flap secured to the inner side of the garment above the crotch and hanging below the same and adapted when in use to extend below the top of the seat occupied by the wearer, means for securing the upper portion of the garment around the body, and means provided along opposite portions of the leg members and set inwardly from the edges of same for securing said members around the legs and leaving projecting portions of said members at both sides of the joints created between opposite parts of said members at the back of the legs; substantially as set forth.

3. A garment to be folded and secured around the front of the body, thighs and legs of the wearer and comprising leg members connected together at their inner upper adjoining portions and normally free of each other at their outer edges and at their inner edges below the crotch and at said inner edges adjacent to the crotch being provided with overlapping flap-sections 21, 22 which gradually decrease in width as they approach the knee portions of the garment and are below a central point at which the upper ends of said sections are fastened together free to be folded down between the legs of the wearer, means for securing the upper portion of the garment around the body, and means provided along opposite portions of the leg members and set inwardly from the edges of same for securing said members around the legs and leaving projecting portions of said members at both sides of the joints created between opposite parts of said members at the back of the legs, each of said leg members having a foot portion secured thereto and comprising a covering for the top, sides and toe parts of the shoe and means for firmly securing the same upon the shoe; substantially as set forth.

4. A garment to be folded and secured around the front of the body, thighs and legs comprising leg members connected together at their inner upper adjoining portions and normally free of each other at their outer edges and at their inner edges below the crotch and at said inner edges adjacent to



the crotch being provided with overlapping flap-sections free to be folded down between the legs of the wearer, means for securing the upper portion of the garment around the body, and means provided along opposite portions of the leg members and set inwardly from the edges of same for securing said members around the legs and leaving projecting portions of said members at both sides of the joints created between opposite parts of said members at the back of the legs, each of said leg members having a foot portion secured thereto and comprising a covering for the top, sides and toe parts of the shoe, a heel-cap to be caught upon the heel of the shoe and elastic straps connecting said heel-cap to the foot portion for binding the latter upon the shoe; substantially as set forth.

5. A garment to be folded and secured around the front of the body, thighs and legs of the wearer and comprising a body portion extending above the waist-line and provided at its upper edge with means for securing it upon the wearer and having permanently secured along said upper edge a flap 12 which may be turned upwardly to protect the chest, leg members connected with said body portion and free of each other below the crotch and at their inner edges at and below the crotch being provided with flap-sections 21, 22 which gradually decrease in width as they approach the knee portions of the garment and are below a central point at which the upper ends of said sections are fastened together, free to be folded down between the legs of the wearer when he is seated, and means provided along opposite portions of the leg members for detachably securing them around the legs; substantially as set forth.

6. A garment to be folded and secured around the front of the body, thighs and legs of the wearer and comprising a body portion having an upper flap-section which may be turned upwardly to protect the chest when desired, leg members connected with said

body portion and free of each other below the crotch and at their inner edges at and below the crotch being provided with flap-sections 21, 22 free to be folded down between the legs of the wearer when he is seated, a crotch-flap secured above the crotch and hanging below the same and adapted to extend below the top of the seat occupied by the wearer, means for securing the upper portion of the garment around the body, and means provided along opposite portions of the leg members for detachably securing them around the legs; substantially as set forth.

7. A garment to be folded and secured around the front of the body, thighs and legs of the wearer and comprising a body portion having an upper flap-section which may be turned upwardly to protect the chest when desired, leg members connected with said body portion and free of each other below the crotch and at their inner edges at and below the crotch being provided with flap-sections 21, 22 free to be folded down between the legs of the wearer when he is seated, a crotch-flap secured above the crotch and hanging below the same and adapted to extend below the top of the seat occupied by the wearer, means for securing the upper portion of the garment around the body, and means provided along opposite portions of the leg members for detachably securing them around the legs, each of said leg members having a foot portion secured thereto comprising a covering for the top, sides and toe parts of the shoe and means for firmly securing the same upon the shoe; substantially as set forth.

Signed at New York city, in the county of New York and State of New York, this 25th day of April, A. D. 1906.

ERNEST WENIGMANN.

Witnesses:

CHAS. C. GILL,  
ARTHUR MARION.