

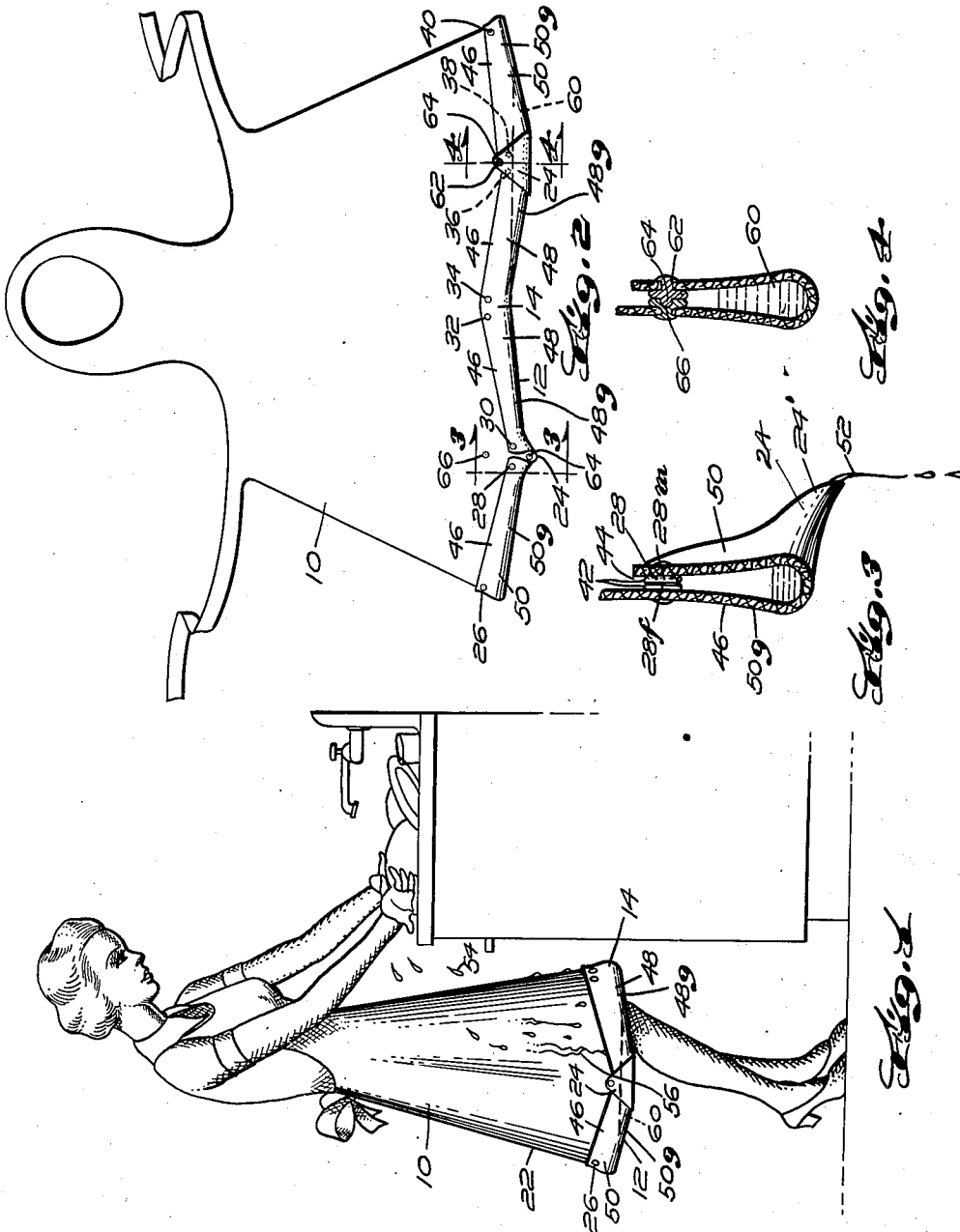
June 21, 1949.

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2,473,740

WATERPROOF GARMENT

Filed March 29, 1946



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2,473,740

WATERPROOF GARMENT

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Application March 29, 1946, Serial No. 658,314

2 Claims. (Cl. 2-48)

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My invention relates to improvements in water repellent garments and is in certain respects an improvement on my Patent No. 2,321,116, patented June 8, 1943, whether said invention be used as an outdoor rain coat or an indoor water repellent coat such as an apron.

A main object of my invention is to provide a structure which will prevent the gutters shown in said prior patent from dripping when such dripping is not desired by the wearer for any reason. Thus, if the wearer desires to wear a rain coat which he has been using outdoors, indoors for a short while he may change the water gutters into water reservoirs at will and change the water reservoirs back to gutters when he so desires. This is desirable where the user desires to use his rain coat while making a temporary call indoors while the rain drippings are still seeping downwardly and does not wish the drippings to wet the floor while making the short call indoors. This device may also be used when the rain coat is hung up initially to dry after use when the reservoirs may be changed into gutters and run out down the sink or otherwise or it may, as in the embodiment shown be used indoors such as by a housewife in washing dishes at a sink as shown with a water repellent garment or rain coat such as the water repellent apron shown. When my invention is used as an apron, it is of the type shown in said patent. It is clear that the gutters and spouts will prevent any rain water from dripping over the legs and feet of the wearer as shown in said patent, but I have found that housewives often prefer to have a device which may at their pleasure provide water holding reservoirs so that none of the water from washing dishes will be dropped on the kitchen floor.

A further object of my invention therefore, is to provide a device for indoor or outdoor use in which the gutters may be changed into reservoirs and back from reservoirs into gutters and both entirely dispensed with at the pleasure of the operator and for this purpose I merely provide a supplemental set of separable fastener elements for each gutter one of which is mounted on the spout and the other of which is mounted immediately above the spout at a spaced distance below the separable fastener elements at the upper ends of the gutters at the front and rear of the wearer to change the gutters into reservoirs when fastened together.

These and such other objects of my invention as may hereinafter appear will be best understood from a description of the accompanying drawings which illustrate an embodiment thereof adapted particularly for use as a housewife's apron.

In the drawings, Fig. 1 is a perspective view of my improved garment in attached position on a lady washing dishes in front of a sink with the gutters shown in my former patent upturned to

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form reservoirs to collect the drops of water that splash from the sink and prevent them from dripping down over her legs and feet and additionally with the spouts upturned and fastened to provide reservoirs for catching all splashes of water and preventing them from dropping on the kitchen floor.

Fig. 2 is a plan view of a garment comprising an apron equipped with my invention and spread out in open position illustrating the left hand gutter with the spout in open position and the right hand gutter with the spout in a raised attached position providing a reservoir.

Fig. 3 is a sectional view taken along the line 3-3 of Fig. 2 and illustrating the device functioning as a gutter and spout.

Fig. 4 is a sectional view taken along the line 4-4 of Fig. 2 illustrating my device functioning as a reservoir.

In the drawings, wherein like characters of reference generally indicate like parts throughout, 10 generally illustrates a garment constructed in accordance with my invention.

As stated, I have shown my invention in use as an apron to be used indoors and to provide a device which will catch the drops of water splashed over the sink on the wearer while washing dishes and remove it in gutters in the manner shown in my prior patent away from the wearer's legs, shoes and stockings, or at her pleasure form said gutters into reservoirs for temporarily holding the dish washing drippings. The garment is provided with the usual lower edge 12 and it is apparent that the apron shown has a usual split 22 at the rear thereof.

I provide a spout forming portion 24 projecting downwardly centrally of each side thereof, preferably as shown of hemi-circular shape and preferably also as shown, constructed as an integral part of the body of the garment. It is apparent, therefore, that the spouts 24 may be readily made in the initial cut of the garment, although, if desired, they may comprise separately attached pieces.

I also provide vertically aligned cooperating detachable male and female fastening means secured to the lower portion of the garment in the manner to be described. These male and female fastening means may comprise buttons and button-holes, but I preferably employ cooperating male and female separable fastening elements for this purpose as they are easier to attach and more positive in their holding action. I preferably employ eight different sets of separable fastener units, 26, 28, 30, 32, 34, 36, 38 and 40, each comprising a male element and a female element, etc., respectively. While the position of the male and female elements may be reversed if desired, in the embodiment shown I preferably employ the male separable fastener elements along the lower edge

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of the garment and the vertically aligned female separable fastener elements, above them. I preferably also employ cooperating male and female separable elements 28^m and 28^f having walls 42 (see Fig. 3) exterior of said garment adapted to abut when fastened to space apart portions of the garment fastened thereby to provide the open top portions 44 of the downwardly inclined gutters 46 to be described. Certain of said elements, in the embodiment showing the male fastening elements, are secured in spaced relationship adjacent the lower edge of the garment adjacent the center portion of the front thereof and other elements in spaced relationship adjacent the center portion of the rear thereof, in the embodiment shown adjacent each side of the split 22 thereof and on each side of each spout forming projection 24, thus the male separable fastener elements being mounted on each side of one spout forming projection 24 and the separable male fastener elements being mounted on each side of the other spout 24 on the opposite side of the garment. The cooperating vertically aligned separable fastener elements, in the embodiment shown the female separable fastener elements adjacent each center portion of the front and rear thereof, are secured to the garment at a substantially greater vertical distance above their cooperating fastener elements than are the cooperating female separable fastener elements on each side of each respective spout 24 so that when the lower portions of said garment between said splits and spouts, namely the portions 48 between the front and spouts 24 and the portions 50 between the rear split 22 and spouts 24 are out-turned, upturned and fastened to the garment, raincatching gutters 48^s and 50^s having open rain receiving top portions 44 are provided downwardly inclined from each center portion in the front and rear of said garment to each spout portion 24 at the side of the garment and the spout forming portions 24 are simultaneously raised by the lifting of said portions 48 and 50 upwardly, to a substantially horizontal position, as shown at 24' in Fig. 3, discharging the water from said inclined gutters 48^s and 50^s laterally of the wearer's shoes and clothes, as shown in Fig. 1 of said patent at 52. Fig. 1 also illustrates how the water 54 abuts the surface of the garment and discharges downwardly as at 56 into the gutters 48^s and 50^s to be discharged thereby laterally of the garment as at 52. While I preferably show the projections 24 of hemi-circular shape, it is obvious that they may be constructed of any shape suitable to provide suitable spouts. So much of my invention hitherto described is inherent in the structure shown and described in said Patent No. 2,321,116.

I will now describe the improvements shown in this application whereby the gutters 48 and 50 may be selectively changed at the pleasure of the wearer into the reservoirs 60 frusto conical in inverted section for holding a relatively small amount of water at each side of the garment, but of an ample size to catch all the drippings 54 normally present in washing dishes or the drippings of water from a raincoat worn outside after the wearer has temporarily come inside. For this purpose I attach two sets of separable fastener units 62 comprising one element 64 on each spout and a cooperating element 66 at a spaced distance above each spout. While these elements may comprise any suitable separable fastener elements such as buttons and buttonholes, in the embodiment shown I have illustrated the element 64 on the spout as comprising a male

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separable fastener element and the element 66 above the spout as comprising a female separable fastener element, although the position of the male and female elements may be reversed if desired. The fastener elements 66 are located a spaced distance below that of the fastener elements at the upper ends of the gutters 48 and 50 in front and rear of the wearer.

It is apparent that I have provided a garment or raincoat which may be worn indoors or out of doors and in which the device may be used to provide the downwardly projecting gutters 48 and 50 inclined downwardly to central spouts 24 at each side of the garment to discharge the drippings away from the shoes and lower garments of the wearer or may be changed into the reservoirs 60 at the pleasure of the wearer to prevent the drippings from dropping on the floor. It is obvious that with this changeability of function of the lower ends of the depending skirt portion of the garment, that the wearer has her choice of how to use the garment, but that with all possible uses of the garment, when the lower edge is upturned, the garment functions to prevent water from dropping over the feet and shoes of the wearer.

It is apparent, therefore, that I have provided a novel type of garment which may be worn in the heaviest rains and which will positively prevent the rain from falling over the lower garments and shoes of the wearer or which may at the wearer's pleasure be worn indoors to prevent drippings from dish washing water or other drippings from discharging over a water repellent surface on to the feet and lower garments of the wearer and which also at the wear's pleasure may be rapidly transformed into reservoirs for preventing any water at all from dripping from the garment on to the floor whether immediately after its use outdoors in the rain or while being used in the house, with the other advantages described above.

It is apparent, therefore, that I have provided a single garment which has both the advantages of a raincoat and an apron and which can be used interchangeably if desired, thereby dispensing with the necessity for purchasing two garments when one can be applied to such a large variety of uses.

It is understood that my invention is not limited to the specific embodiment shown and that various deviations thereof may be made without departing from the spirit and scope of the appended claims.

What I claim is:

1. A waterproof garment having a depending skirt having a lower edge having substantially hemi-circular spout forming portions projecting downwardly centrally of each side thereof and vertically aligned cooperating male and female separable fastener elements having walls exterior of said garment adapted to abut when fastened, to space apart portions of the garment connected thereby, secured to the lower portion of said garment, certain of said elements being secured in spaced relationship adjacent the lower edge of said garment adjacent the center portions of the rear and front thereof, on said spout forming projections and on each side of each spout forming projection and the cooperating vertically aligned separable fastener elements adjacent each center and end being secured at a substantially greater vertical distance above their cooperating elements than are the cooperating separable fastener elements for the spouts and the cooperating separable fastener elements on each side of said spouts and the cooperating separable fastener elements

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for the spouts being secured at a substantially greater vertical distance above their cooperating elements than are the cooperating separable fastener elements on each side of said spouts so that when the lower portions of said garment between said center portions and spouts are outturned, upturned and fastened to said garment except at the spouts, water catching gutters having open water receiving top portions are provided downwardly inclined from each center portion to each spout portion and the spout portions are raised upwardly to a substantially horizontal position discharging the water from said inclined gutters laterally of the wearer's shoes and clothes and when said spout separable fastener elements are fastened water catching reservoirs of inverted frusto triangular shape are provided between front and rear ends of said gutters for temporarily holding amounts of water.

2. A waterproof garment having a depending skirt having a lower edge having spout forming portions projecting downwardly centrally of each side thereof and vertically aligned cooperating male and female fastening means secured to the lower portion of said garment, certain of said means being secured in spaced relationship adjacent the lower edge of said garment adjacent the center portions of the front and rear thereof and on each side of and on each spout forming projection and the cooperating vertically aligned separable fastening means adjacent each center portion being secured at a substantially greater

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vertical distance above their cooperating fastener means than are the cooperating fastener means for said spouts and on each side of said spouts and the cooperating separable fastener means for the spouts being secured at a substantially greater vertical distance above their cooperating fastener means than are the cooperating fastener means on each side of said spouts so that when the lower portions of said garment between said center portions and spouts are outturned, upturned and fastened to said garment, water catching gutters having open water receiving top portions are provided downwardly inclined from each center portion to each spout portion and the spout portions are raised upwardly towards a substantially horizontal position discharging the water from said inclined gutters laterally of the wearer's shoes and clothes and when said spout separable fastener elements are fastened water catching reservoirs of inverted frusto triangular shape are provided between the ends of said gutters for temporarily holding amounts of water.

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REFERENCES CITED

The following references are of record in the file of this patent:

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Number	Name	Date
1,181,891	Hulbert	May 2, 1916
2,321,116	Welch	June 8, 1943