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D. H. DUNNE

1,748,833

AVIATOR'S GAUNTLET

Filed March 19, 1928

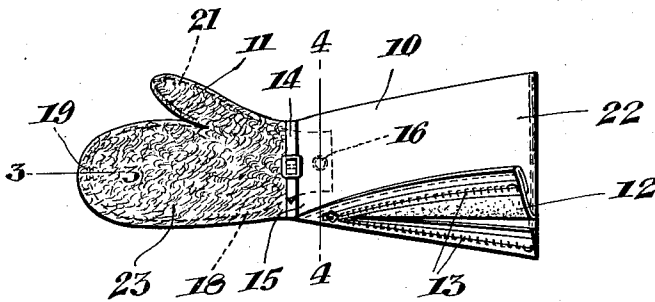


FIG. 1.

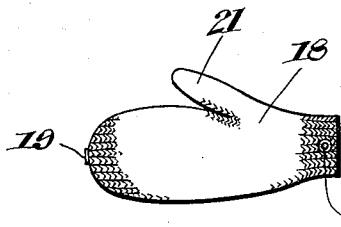


FIG. 2.

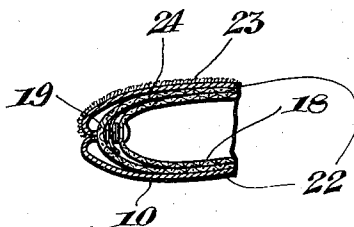


FIG. 3.

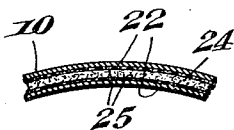


FIG. 4.

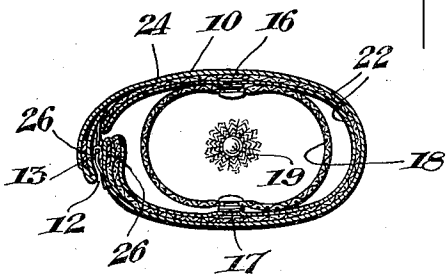


FIG. 5.

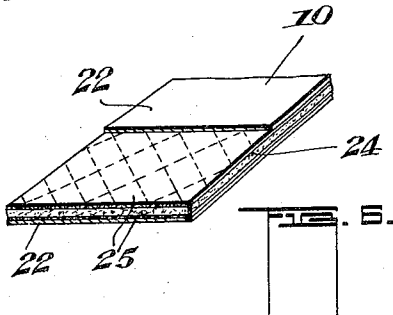


FIG. 6.

Inventor
David H. Dunne
BY *Arthur H. Hays*
Att'y.

UNITED STATES PATENT OFFICE

DAVID HENERY DUNNE, OF OTTAWA, ONTARIO, CANADA, ASSIGNOR TO WOODS MANUFACTURING COMPANY, LIMITED, OF HULL, QUEBEC, CANADA

AVIATOR'S GAUNTLET

Application filed March 19, 1928. Serial No. 262,810.

This invention relates to improvements in gauntlets and more particularly to gauntlets for aviators and the objects of the invention are to provide a light warm and comfortable gauntlet provided with an auxiliary mitt whereby the gauntlet may be removed without removing the mitt thereby permitting free use of the hand without it being completely exposed to climatic condition.

Further objects of the invention are to provide an improved gauntlet particularly adapted for use with my improved flying suit as disclosed in my United States application No. 241,965, filed December 22nd, 1927. The novel features of the invention consist in an outer gauntlet of flexible material with a partially extending split in the side provided with a hookless fastener and a wrist strap, a mitt of flexible material such as wool adapted to fit within the gauntlet and detachable fastening means operable from without the gauntlet for fastening the mitt and the gauntlet together and for permitting the gauntlet to be removed from the hand without removing the mitt.

It is well known that under present existing conditions it is very often necessary, according to conditions arising, for an aviator to remove his gloves thereby exposing the hands in the case of northern latitudes to extreme cold with consequent difficulty in using them. To overcome this and at the same time permit free use of the hand while keeping it warm when the gauntlet is removed as well as permitting free movement of the fingers which is not possible with the gauntlet, I provide an auxiliary glove or mitt having dome fasteners and designed to fit snugly on the hand within the gauntlet or glove which being also provided with fasteners permits engagement of the mitt therewith to retain both securely on the hand and when necessary permits ready removal of the gauntlet leaving the mittened hand free to perform such work as may suddenly arise in connection with which it is necessary to have the hand practically free while at the same time kept warm.

In the accompanying drawings in which I have illustrated an example of my invention,

like characters of reference indicate corresponding parts in each figure,

Figure 1 is a side elevation of an aviator's inner gauntlet,

Figure 2 is a plan view of the mitt or inner glove,

Figure 3 is an enlarged section on the line 3—3 of Figure 1,

Figure 4 is an enlarged section on the line 4—4 of Figure 1,

Figure 5 is a sectional detail of the material for the gauntlet.

Figure 6 is a perspective detail of the filler for the gauntlet.

Referring more particularly to the drawings 10 designates the main gauntlet with thumb portion 11 and a split 12 in the side provided with a hookless fastener 13. A single strap 14 of well known construction is provided for the wrist 15. The gauntlet 10 is provided on the inside with dome fasteners 16 and 17 and is further adapted to house an auxiliary glove or mitt 18 (see Figure 2) provided with a fastener 19 at the end thereof and designed to detachably engage therewith to hold the main gauntlet and the auxiliary gauntlet or mitt snugly on the hand of the wearer.

The mitt 18 is preferably made of wool and is adapted to fit snugly on the hand of the wearer and to permit free play of the fingers, a thumb 21 being formed integral therewith. The outer gauntlet 10 is formed with an outer casing 22 of leather or the like the back of the hand portion of which may, as shown in Figure 3, be faced with fur as at 23. Within the outer casing is a filler 24 of the down of northern water-fowl and a suitable lining 25. In use the mitt 18 is slipped over the hand and then the gauntlet or outer glove 10, the fasteners of the mitt engaging with the fasteners of the gauntlet 10. A stiffening member 26 of cane or the like is provided in the enlarged or sleeve portion of the gauntlet to provide means for conveniently opening the hookless fastener in the slotted portion 12.

It will be appreciated that when something unforeseen occurs necessitating close handling the aviator has only to disengage the fastenings slip off the main gauntlet and go

to work with the auxiliary gauntlet or mitt
18 on his hand which while affording warmth
and comfort therefor permits, on account of
the flexibility of material used, free use of
5 the fingers. When work is completed the
mitten is slipped into the gauntlet thus en-
suring that the hands while being kept
warm are practically free.

As many changes could be made in the
10 above construction and many apparently
widely different embodiments of my inven-
tion, within the scope of the claim, con-
structed without departing from the spirit or
scope thereof, it is intended that all matters
15 contained in the accompanying specification
and drawings shall be interpreted as illus-
trative and not in a limiting sense.

What I claim as my invention is:—

In a gauntlet of the character described,
20 the combination of a hand covering of flex-
ible weather and windproof material pro-
vided with fixed linings and an intermediate
filler of the down of northern waterfowl,
said covering, lining and filler being formed
25 with a slit of limited length in one side there-
of, hookless fastening means positioned
throughout the length of the slit on each side
thereof, and a mitt of flexible material
adapted to fit within the covering provided
30 with detachable fastening means adapted to
register and detachably engage with co-oper-
ating fastening means positioned in the lin-
ing of the covering.

In witness whereof I have hereunto set my
35 hand.

DAVID HENERY DUNNE.

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