No. 723,348. PATENTED MAR. 24, 1903.

R. WILKENS.

GLOVE.

APPLICATION FILED JULY 17, 1902.

NO MODEL.

Fig. 1.

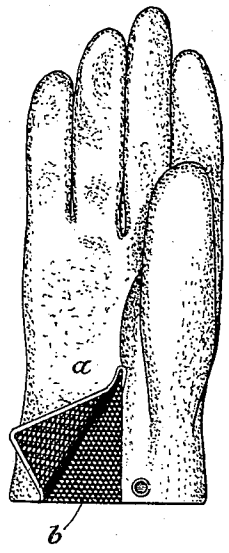



Fig. 2.

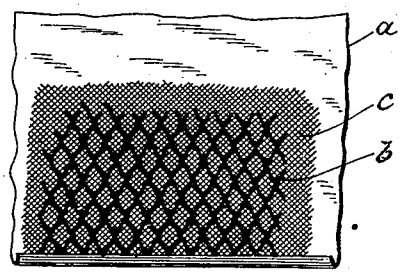



Fig. 3.

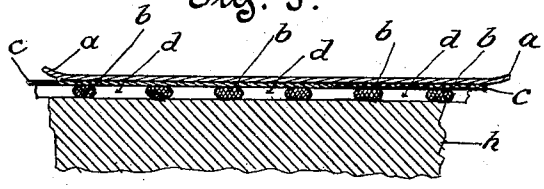
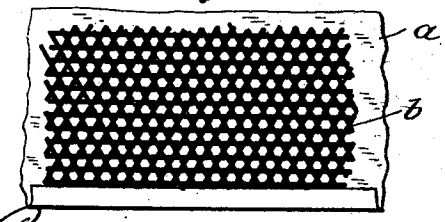



Fig. 4.




Witnesses
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Richard Wilkens Inventor
By his Attorney
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

RICHARD WILKENS, OF HOBOKEN, NEW JERSEY.

## GLOVE.

SPECIFICATION forming part of Letters Patent No. 723,348, dated March 24, 1903.

Application filed July 17, 1902. Serial No. 115,972. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD WILKENS, a citizen of the United States, residing at Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Gloves, &c., of which the following is a specification, reference being had therein to the accompanying drawings.

This invention is represented in connection with a hand-glove, which is usually made close-fitting. The invention, however, is adapted to mittens, stockings, or similar articles.

The invention consists in lining the glove with a fabric either coarsely woven or perforated, in which air is confined between the flesh and the glove material when the glove is worn, the confined air in contact with the flesh being heated to the temperature of the hand and retained in the spaces or cells, and whereby the warmth of the glove is materially increased.

In the accompanying drawings, forming a part of this specification, Figure 1 represents a glove with a flap of the wristband opened, showing the invention applied for use; Fig. 2, a surface view of the glove material with an ordinary lining applied and an open-work fabric superposed; Fig. 3, an enlarged sectional edge view of Fig. 2, showing the arrangement of the parts and the confined-air spaces or cells when the glove is worn, the section-lined base of the figure representing the flesh of the wearer; and Fig. 4, a patch of the open-work fabric forming the air spaces or cells applied directly to the glove material.

The glove material is indicated at *a* and the open-work fabric at *b* in the several figures and the usual lining at *c* in Figs. 2 and 3. The air spaces or cells are indicated on an enlarged scale at *d*, Fig. 3, the base *h* of the figure representing the flesh of the hand or other object to which the glove is applied for wear and which closes the spaces or cells *d* and confines the air therein.

This invention is readily distinguished from perforated or open-work garments in which the air is permitted to circulate and render a cooling effect, the air in the present invention being confined and utilized as a heat-retaining medium.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A glove or analogous article lined with a perforated or open-work fabric contacting with the flesh of the hand when the glove is worn, the open spaces of the lining forming cells in which the air is confined, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

RICHARD WILKENS.

Witnesses:

CHAS. W. FORBES,

S. E. ANGUS.