

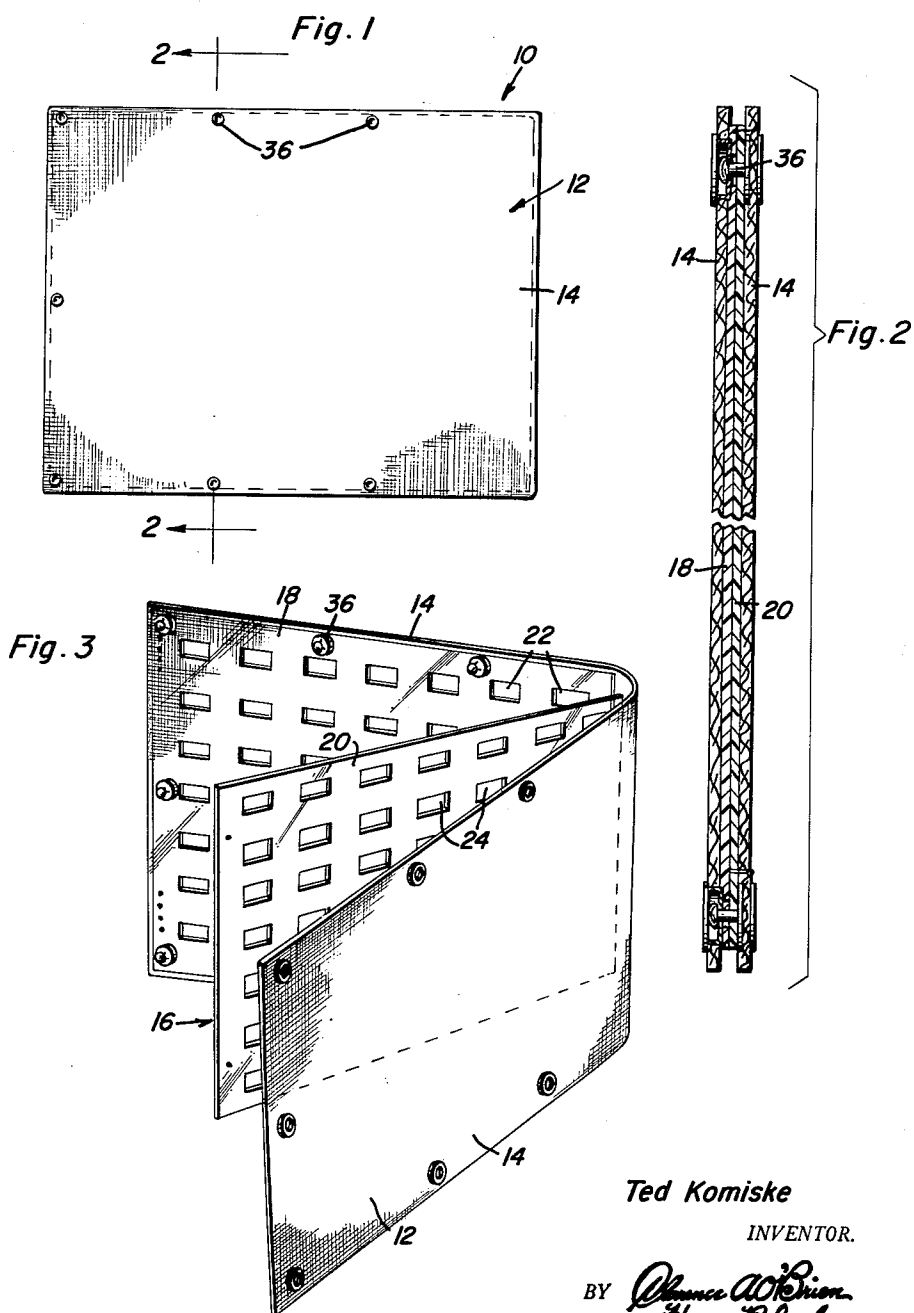
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T. KOMISKE
COMPOSITION BLANKET

3,199,123

Filed March 20, 1963

2 Sheets-Sheet 1



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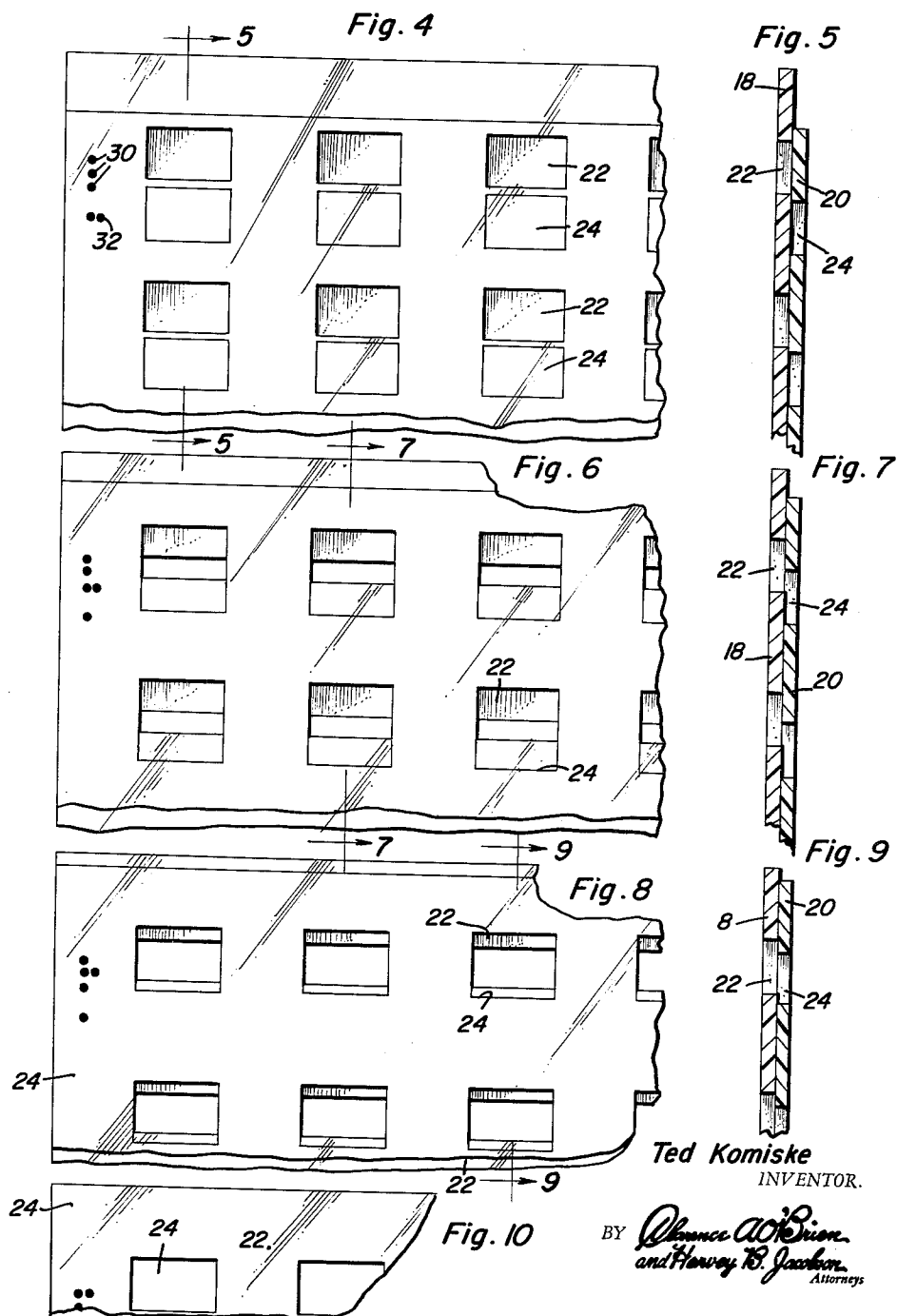
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COMPOSITION BLANKET

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5 Claims. (Cl. 5—335)

This invention comprises a novel and useful composition blanket and more particularly pertains to a blanket consisting of an outer covering and a removable lining therebetween.

The primary object of this invention is to provide a blanket having an improved and controllably adjustable thermal insulating action.

A further object of the invention is to provide a composition blanket consisting of a protective outer covering enclosing therein a removable heat insulating lining in a manner which will permit ready removability for cleaning purposes and the like of the outer covering and inner lining, when required.

A further object of the invention is to provide a composition blanket in accordance with the foregoing objects wherein the heat insulating value of the inner lining may be adjustably varied in accordance with the needs of the individual user in a simple and effective manner.

More specifically it is an object of the invention to provide a composition blanket in which an adjustably regulated ventilating and heat insulating lining shall be secured within an outer covering together with means to permit ready and controlled capacity for ventilation and heat insulating properties of the liner and of the blanket.

A still further and more specific object of the invention is to provide a blanket including an outer enclosing covering together with an inner lining therein which lining shall consist of a pair of sheets of a ventilating material having registering sets of apertures therein and which may be so positioned with respect to each other that any proportionate degree of registration or overlap of the apertures of one sheet with those of the other sheet may be obtained to thereby control the effective passage areas through the two sheets of the lining.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

FIGURE 1 is a top plan view of the composition blanket in accordance with this invention;

FIGURE 2 is a view in vertical transverse section taken on an enlarged scale substantially upon the plane indicated by the section line 2—2 of FIGURE 1, parts being broken away and showing the internal construction of the composition blanket;

FIGURE 3 is a perspective view showing the composition blanket in a partially open position to disclose the arrangement of the components thereof;

FIGURES 4, 6, 8 and 10 are fragmentary views in plan showing the adjustable registration of the two sets of ventilating openings in the two sheets of the blanket liner; and,

FIGURES 5, 7 and 9 are vertical transverse sectional views taken respectively substantially upon the planes indicated by the section lines 5—5, 7—7 and 9—9 of FIGURES 4, 6 and 8.

In the accompanying drawings, a suitable and illustrative embodiment of the principles of this invention are depicted in a composition blanket indicated generally by the numeral 10. The blanket includes an outer covering 12 comprising preferably a single sheet of material which may conveniently comprise a fabric of any desired character possessing the properties of relatively good

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flow of heat and air therethrough. The sheet of material comprising the outer covering 12 consists of two integral coextensive panels each indicated by the numeral 14 and which are integrally joined and folded upon themselves to provide rectangular panels between which is received an inner liner indicated generally by the numeral 16. The inner liner is preferably of a relatively good heat insulating and air impervious material such as a suitable plastic or the like. However, in accordance with this invention, the inner lining is provided with ventilating openings therethrough so as to permit a controlled and restricted flow of heat and ventilating air there-through. In some instances, the inner lining may consist of a single sheet having a preformed set of ventilating openings therein or even may consist of an impermeate sheet. It is preferred, however, to provide a lining having adjustable ventilating and heat insulating properties.

For this purpose the lining 16 preferably comprises a pair of sheets as at 18 and 20 and which may conveniently be identical in construction, each sheet having a plurality of ventilating openings 22 and 24 respectively therethrough and preferably disposed in the same pattern or arrangement and uniformly spaced over the entire area of the sheet. Although these apertures or openings may be of any desired shape, it is found to be convenient to form them of rectangular configuration as shown in FIGURES 3—10.

The ventilating openings of the two sheets 18 and 20 are so spaced that the two sheets may be superposed upon themselves in relatively adjustable registering positions as shown by way of example in FIGURES 4—10. It is contemplated that the sheets may be so disposed that the two sets of apertures will be completely out of registration with each other as shown in FIGURES 4 and 5 so that no ventilation and the least flow of heat through the liner is possible. Alternatively, the two sheets may be brought into complete registration as suggested in FIGURE 10 wherein the two sets of openings are in complete registration affording the maximum amount of ventilation and heat flow through the liner. Intermediate proportionate degrees of registration are indicated in FIGURES 6 and 8 wherein the degree of overlap of one set of openings with those of the other sheet may be readily proportionately adjusted thereby correspondingly regulating or restricting the ventilation through the sheets and the flow of heat therethrough.

In order to facilitate controlled registration of the openings of the sheets, the series of registering indicia or openings as shown at 30 may be provided in one of the sheets such as that at 18, with which is caused to selectively register a corresponding indicia 32 disposed on the sheet 20. The relative disposition of these indicia and their orientation with respect to different degrees of registration of the openings will be readily apparent from a consideration of FIGURES 4, 6, 8 and 10.

Fastening means are provided upon the three free edges of the two panels 14 of the cover 12 to close these edges and thus retain therebetween the liner 16. Although various types of fasteners can be provided for this purpose, snap fasteners 36 have been illustrated in FIGURES 2 and 3 for this purpose. It will be understood, however, that the invention is not limited to this particular type of fastener but that any other desired fasteners such as slide fasteners, lacing or the like may be employed, it being a feature of this invention that the fastening means for the three free edges of the panels shall not only serve to secure the panels together but also to constitute the retaining means for the liner therebetween.

In some instances, the two liner sheets 18 and 20 may be releasably secured together in registering positions.

For this purpose, the indicia 30 and 32 may likewise comprise snap fasteners properly positioned for this purpose. In other instances, it may be preferable to secure one liner sheet 18 to one cover panel 14 and the other liner sheet 20 to the other outer cover panel, by adjustable fastening means such as snap fasteners or the like so that when the two sheets are folded upon themselves with the cover panels being closed and secured by the fastening means, the desired selected registration of the ventilating openings of the two liner sheets will be obtained.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. A composition blanket-type article with adjustable heat insulating and ventilating properties comprising a pair of imperforate pliable outer covering panels with good capability for air and heat passage therethrough and a liner removably interposed therebetween, said liner including a pair of sheets of pliable material with relatively good heat insulating and air impervious properties as compared to said panels, each sheet having a set of ventilating openings therethrough, said sheets being superposed upon each other in slidable face-to-face engagement with the two sets of openings being disposed in pairs in which each opening of one set is registrable with only one opening of the other set, said sheets being substantially coextensive with said panels, fasteners including spaced cooperating elements selectively engageable and releasably securing said sheets together and

effecting selective variation of the degree of registration of said sets of openings between zero and full registration.

2. The combination of claim 1 wherein said sets of openings are spaced substantially uniformly over substantially the entire area of said sheets.

3. The combination of claim 1 wherein said fasteners each include a pair of cooperating elements each respectively secured to one of said sheets.

4. The combination of claim 1 wherein said fasteners include cooperating means each secured respectively to a sheet, at least one of said means comprising a series of spaced elements fixedly secured to its associated sheet and cooperating with the other means whereby said sheets may be releasably secured together in selective slidably displaced positions with said pairs of openings being in adjustable registration between zero and full registration.

5. The combination of claim 1 wherein said fasteners secure each sheet respectively to one of said panels in slidably adjustable position thereon and thereby effect adjustable registration of said sets of openings.

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