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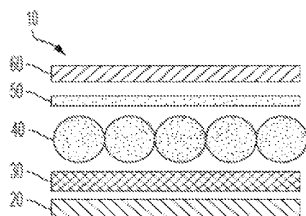


FIG. 1

(57) Abstract: A multi-layer fabric construction for protection from air-
borne toxic chemical agents comprises an optional inner comfort layer,
a carbon layer, an adsorbent adhesive layer comprising a metal organic
framework material, a vapor permeable layer, and an outer layer. The
multi-layer fabric construction is substantially free of air pockets to re-
duce the thermal burden on an individual wearing a garment fabricated
from the multi-layer fabric construction. The MOF can be a zirconium
MOF. Also disclosed is a method of making the multi-layer fabric con-
struction.

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