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(54) Title: PERSONAL PROTECTION EQUIPMENT FOR PROTECTING A USER FROM AIRBORNE PATHOGENS

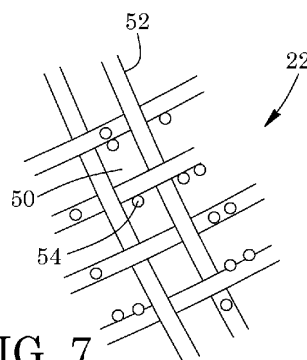


FIG. 7

(57) Abstract: A disposable mask or optically transparent mask comprising a mask body is provided. The disposable mask includes a periphery, and straps attached to the mask body proximate the periphery for releasably retaining the mask on a user's face, the mask body including: an inner layer, which is a polymeric plastic material with a plurality of passageways therethrough, and which has an inner surface and an outer surface; and a porous glass filter which is functionalized with a visible light photocatalyst and abuts the outer surface of the inner layer. Apparel comprising fiberglass which is functionalized with a visible light photocatalyst is also provided.



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