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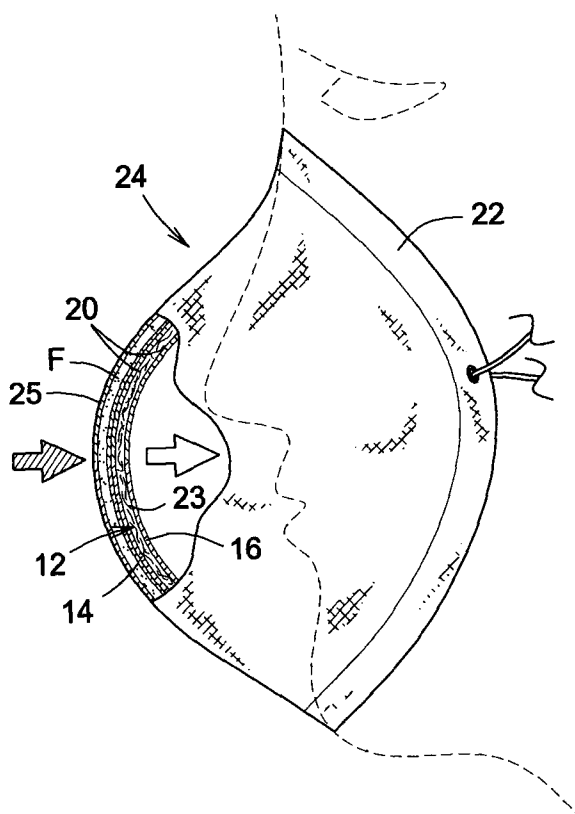
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(54) Title: MICROBICIDAL AIR FILTER



(57) Abstract: Microbicidal air filter (10) for use with an air passageway, which includes an immobilization network (12) including a plurality of fibers (20) having an amount of at least one antimicrobial agent incorporated and molecularly bonded into a structure thereof sufficient to substantially immobilize, retain and at least inhibit the growth of, or typically kill, microbes suspended in a volume of air moving through the air passageway. The immobilization network (12) is substantially permeable to air. A microbicidal facemask (24) and a microbicidal air filter (10) used in an air circulation system (40) using the immobilization network (12) are disclosed.

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