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(54) **ANTI-SLIP COVERINGS FOR SURFACES**

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(52) **U.S. Cl.**

CPC ***B32B 3/266*** (2013.01); ***A63B 21/1473*** (2013.01); *B32B 2307/744* (2013.01); *B32B 2471/04* (2013.01)

(58) **Field of Classification Search**

CPC .. A63B 21/1473; A47C 27/146; A47C 27/15; Y10T 428/24314

USPC 52/177

See application file for complete search history.

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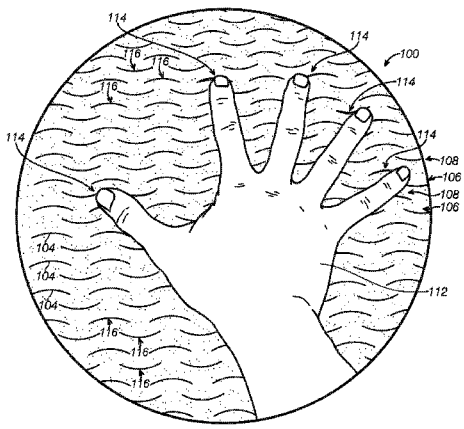
(57) **ABSTRACT**

Anti-slip coverings for underlying surfaces are shown and described. The anti-slip coverings include a first layer made of a semi-flexible material that is configured to receive contact from an object and has slits at least partially extended through the first layer. The slits are configured to at least partially open when one or more of a downward force and a horizontal force is applied by the object onto the anti-slip covering In some examples, the anti-slip covering includes a second layer disposed between the first layer and the underlying surface to allow compression of the first layer when a downward force is applied on the anti-slip covering.

17 Claims, 15 Drawing Sheets