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Patents Issued 3/28

[U.S. Patent No. 11,613,461](#) for “Textiles Having a Microstructured Surface and Garments Comprising The Same” issued March 28, 2023 to BVW Holding AG of Cham, China. Invented by Michael Milbocker of Holliston, Massachusetts and Lukas Bluecher of Eurasburg, Germany. Abstract: The present invention relates to textile articles and clothing such as outdoor garments, indoor garments, and commercial protective wear exposed to contact mixtures of water and oil, swimwear and winter wear exposed to mixtures of water and air. At least part of these textile articles possess a surface provided with at least one of 1) a high surface area, 2) hierarchical pattern, 3) contact angles such that hydrophilic portion of a contact mixture possesses a high contact angle and the hydrophobic portion of a contact mixture possesses a low contact angle, and 4) hysteresis angle greater than 5 degrees. Hydrophobic/Hydrophilic contact mixtures of the present invention can be surfaces where water and or ice are present in combination with oil and or air. The textile articles of the present invention resist slippage on surfaces possessing hydrophobic/hydrophilic contact mixtures.