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U.S. Patent No. 11,942,878 entitled “Microstructured Field Effect Device” issued March 29, 2024 to BVW Holding AG of Cham, China. Invented by Lukas Bluecher of Eurasburg, Germany and Michael Milbocker of Holliston, Massachusetts. Abstract: A microstructured device is disclosed utilizing Coulomb field modification of surface energy and electroadhesion to localize a device surface or to levitate a device surface with respect to a target surface. The surface energy modification can be permanent or reversible depending on whether the charge is externally delivered to the device or derived on the device galvanically. The microstructure aspect of the device induces various hydrophilic/hydrophobic interactions with the target surface. The Coulomb field can be used to enhance or decrease the hydrophilic/hydrophobic interactions. In combination, the disclosed electro-microstructured device provides for localizing implants in a mammalian body, and additionally means for controlling cell interaction with the implant.