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(54) **Title:** ULTRAVIOLET-ABSORPTIVE NANOPARTICLES AND MICROPARTICLES FOR INTRADERMAL USE

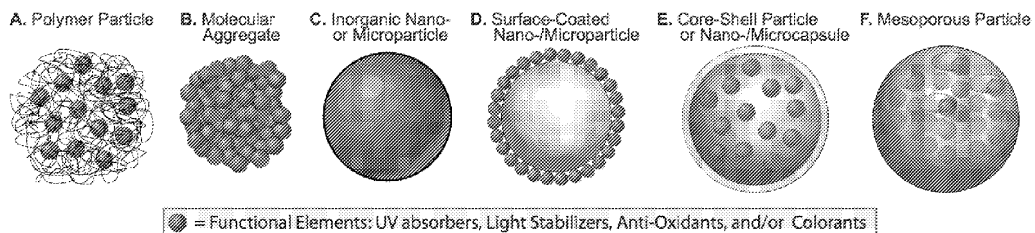


FIGURE 1

(57) **Abstract:** Biocompatible UV-ab sorbing nanoparticles or microparticles that can be embedded in the skin using techniques such as those used to create a tattoo with tattoo ink. The "tattoo" using the biocompatible UV-ab sorbing nanoparticles or microparticles provides skin protection against sunburn, photoaging, and skin cancers in a permanent or semi-permanent way, but remain clear in the visible light spectrum, or matched closely to the user's specific skin tone. These particles can be solid uniform UV-ab sorbers, microencapsulated UV-ab sorbers, or UV-ab sorbing material embedded in or coated on solid materials. Long-term sun protection from an invisible (does not change the color of the skin) material, embedded in the skin (dermis layer).

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