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Comiskey

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(54) **ILLUMINATION SYSTEM FOR NONEMISSIVE ELECTRONIC DISPLAYS**

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(52) **U.S. Cl.** **250/216**; 345/48

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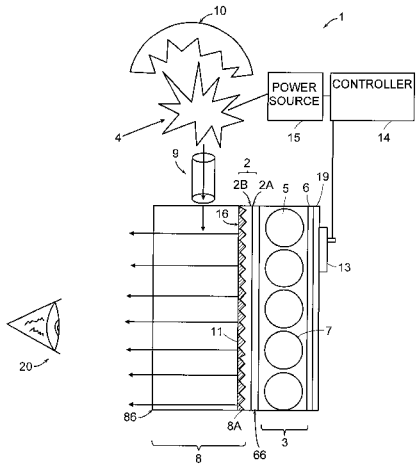
(57) **ABSTRACT**

An illumination system for selectively illuminating a nonemissive electronic display comprises display elements in communication with at least one light source. The system comprises an nonemissive electronic display comprising a substrate having a first and a second surface, nonemissive display media having electrically responsive optical properties disposed on the first surface of the substrate, and a light transmissive element adjacent the second surface of the substrate. Light transmitted through the light transmissive element illuminates the display media. The invention also provides a tiled display comprising a plurality of substrates which can be selectively illuminated. The display elements can be tiled to create complex, selectively illuminated, three-dimensional display structures.

17 Claims, 4 Drawing Sheets