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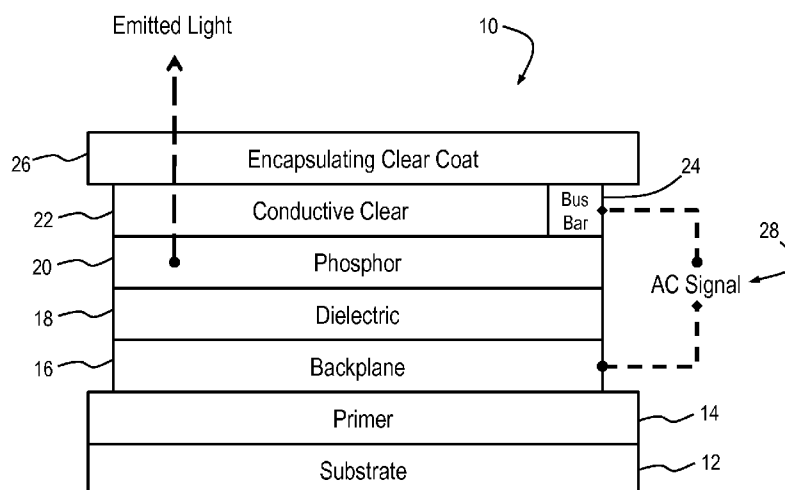
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(54) Title: ELECTROLUMINESCENT DEVICES AND THEIR MANUFACTURE

**Fig. 1**

(57) **Abstract:** A process for producing a conformal electroluminescent system. An electrically conductive base backplane film layer (16) is applied upon a substrate (12). A dielectric film layer (18) is applied upon the backplane film layer (16), then a phosphor film layer (20) is applied upon the dielectric film layer (18). An electrode film layer (22) is applied upon the phosphor film layer (20) using a substantially transparent, electrically conductive material. An electrically conductive bus bar (24) may be applied upon the electrode film layer (22). Preferably, the backplane film layer (16), dielectric film layer (18), phosphor film layer (20), electrode film layer (22) and bus bar (24) are aqueous-based and are applied by spray conformal coating.