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(54) Title: SAMPLE WELL COMB MASK FOR PHOTOPOLYMERIZED ELECTROPHORETIC GELS

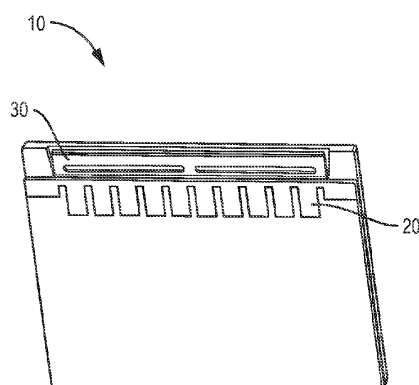


FIG. 1

(57) Abstract: The embodiments disclosed herein are directed to a masking device (20) for enhancing the fidelity of sample wells of a photopolymerized electrophoretic gel contained in a gel casting assembly (10) that comprises a comb (30) having a one or more teeth. The masking device (20) includes a light blocking agent fixedly located on the gel casting assembly (10) where the light blocking agent overlaps with the teeth of the comb to prevent photopolymerization of a portion of an electrophoretic gel contained between the comb and the inner surfaces of the gel casting assembly. Upon removal of the comb after electrophoretic gel photopolymerization the sample wells remain uniform.



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