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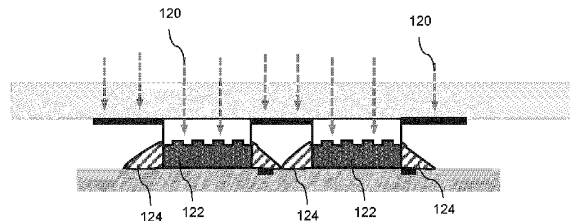
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FIG. 1B



(57) Abstract: A method includes pressing a face of a stamp into a first portion of a replication material disposed on a substrate, to cause the replication material to have a predetermined characteristic, exposing the first portion of the replication material to illumination, to modify the first portion of the replication material, and subsequently removing a second portion of the replication material that was not exposed to the illumination. An optical device includes a substrate, a portion of replication material disposed on a first surface of the substrate, the portion of replication material forming one or more diffractive optical elements, and a masking layer disposed on a second surface of the substrate, the second surface being opposite the first surface, in which a sidewall of the replication material has a straight profile, and in which the masking layer defines an aperture aligned with the portion of the replication material.



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