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- (71) **Applicant (for all designated States except US):** ALCA-
TEL LUCENT [FR/FR]; 3, avenue Octave Gréard, F-
75007 Paris (FR).
- (72) **Inventor; and**
- (75) **Inventor/Applicant (for US only):** CHEN, Long
[CN/US]; 682B Village Drive South, North Brunswick, NJ
08902 (US).
- (74) **Agent:** MC CABE, John, F.; Alcatel-lucent USA Inc., At-
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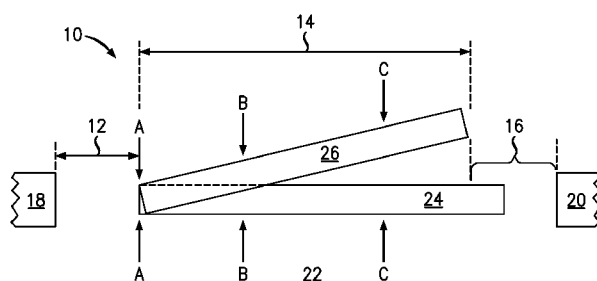
(54) **Title:** PLANAR POLARIZATION ROTATOR

FIG. 1A

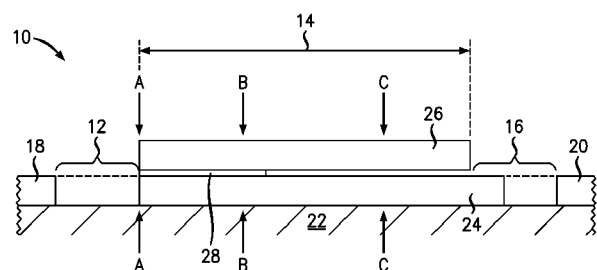


FIG. 1B

(57) **Abstract:** An optical polarization rotator includes first and second optical waveguide ribs located along a planar surface of a substrate. The second optical waveguide rib is located farther from the surface than the first optical waveguide rib. First segments of the optical waveguide ribs form a vertical stack over the substrate, and second segments of the optical waveguide ribs are offset laterally in a direction along the planar surface. The first and second optical waveguide ribs are formed of materials with different bulk refractive indexes.



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