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(71) Applicant (for all designated States except US): **NITTO DENKO CORPORATION** [JP/JP]; 1-1-2 Shimohozumi Ibaraki, Osaka 567-8680 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TAKAYAMA, Kazuya** [JP/SG]; c/o Nitto Denko Asia Technical Centre Pte Ltd, 3 Biopolis Drive, #03-17/18, Synapse, Singapore 138623 (SG). **BHOLA, Bipin Sewakram** [IN/SG]; c/o Nitto Denko Asia Technical Centre Pte Ltd, 3 Biopolis Drive, #03-17/18, Synapse, Singapore 138623 (SG).

(74) Agent: **WATKIN, Timothy Lawrence Harvey**; Marks & Clerk Singapore LLP, Tanjong Pagar, PO Box 636, Singapore 910816 (SG).

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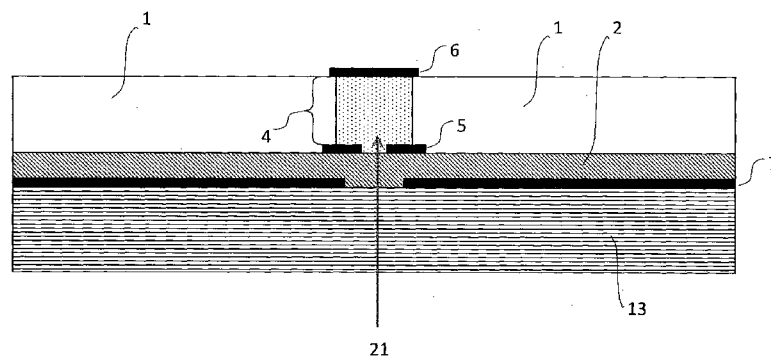


Fig. 5

(57) Abstract: A light coupling device is proposed, as well as a method for fabricating the device. The light coupling device has a coupling spot 4 formed over a transparent substrate 13 with a cladding layer 2 in between. One or more waveguide cores 1 contact the coupling spot, and extend in its plane. Light traverses the transparent substrate 13 and the cladding layer 2, and enters the coupling spot 4, where it is scattered by scattering elements. At least a portion of the light enters the waveguide core(s) 1. A first reflection mirror 5 is formed on the surface of the coupling spot 4 facing the transparent substrate 13, with an aperture for the light to pass through. A back reflection mirror 6 is provided on the surface of the coupling spot 4 opposite the transparent substrate 13. A second reflection mirror 7 may be formed between the cladding layer 2 and the transparent substrate 13.

