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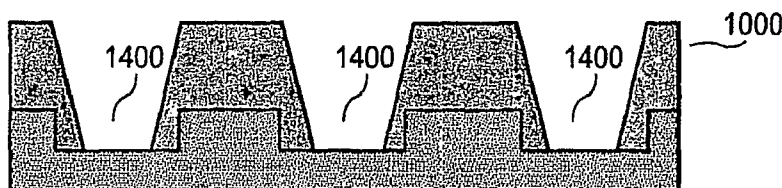
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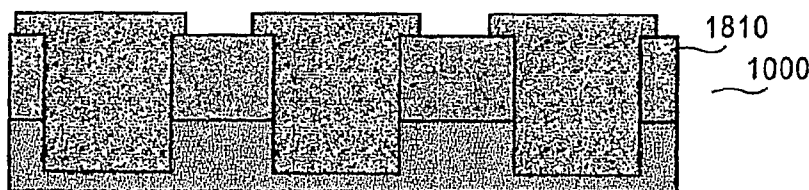
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(54) Title: METHOD FOR PROVIDING A PRINTED CIRCUIT BOARD USING LASER ASSISTED METALLIZATION AND PATTERNING OF A SUBSTRATE, PRINTED CIRCUIT BOARD, AND SYSTEM COMPRISING A PRINTED CIRCUIT BOARD



(57) Abstract: A printed circuit is made by laser projection patterning a metal panel (1000) of a substrate, laminating a dielectric layer (1200) on the metal panel, laser irradiating the substrate to form vias (1400) in the substrate, laser activating a seed (1510) coat on the substrate, washing the seed coat from an unpatterned portion (1620) of the substrate, forming a patterned build-up layer on the substrate, and etching away the metal panel for forming metal protrusions.



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