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(54) Title: OPTICAL DEVICE AND METHOD OF FORMING THE SAME

FIG. 3

form a plurality of holes or grooves extending from a first surface of a stacked structure towards a second surface of the stacked structure opposite the first surface

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(57) Abstract: Various embodiments may relate to an optical device. The optical device may include a stacked structure having a first surface and a second surface opposite the first surface. The stacked structure may include a plurality of holes or grooves extending from the first surface towards the second surface. The stacked structure may include a transition metal dichalcogenide material (TMDC) material. A thickness of the stacked structure may be of any value less than 100 nm.

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