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## A Three-dimensional Zinc Oxide Nanostructure, Method And System For Fabricating Thereof



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#### TECHNOLOGY READINESS LEVEL (TRL)

- TRL 4

#### PATENT/ GRANTED NUMBER

- PI 2020005651

### ▶ TECHNOLOGY OVERVIEW

The present invention relates to a three-dimensional zinc oxide nanostructure characterised by: a hexagonal three-dimensional zinc oxide nanopillar stacked of a plurality of hexagonal two-dimensional zinc oxide nanoplates; and a hexagonal pyramid formed at the top of said nanopillar. Further, a method and a system of fabricating said three-dimensional zinc oxide nanostructure also disclosed herein.

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## CONTACT US!

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