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(54) Title: OPTICAL ORBITAL ANGULAR MOMENTUM FOR REMOTE SENSING AND COMMUNICATION

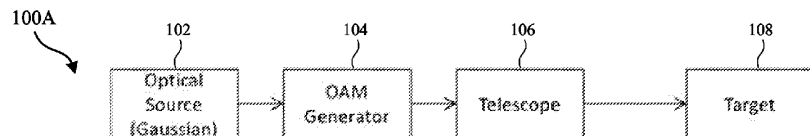


FIG. 1A

(57) Abstract: An optical orbital angular momentum (OAM) encoding system includes an optical source configured to generate a source light, an optical OAM encoder configured to encode the source light based on OAM modes to generate an encoded light, and an optical unit configured to direct the encoded light to a target.



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