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(51) International classification	:G02B6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY-MADRAS
(32) Priority Date	:NA	Address of Applicant :I.I.T Post Office Adyar Chennai-600
(33) Name of priority country	:NA	036 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAN BALAJI
(87) International Publication No	: NA	2)VENKITESH DEEPA
(61) Patent of Addition to Application Number	:NA	3)PANBIHARWALA YUSUF
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(57) Abstract :

A method for eliminating mode shifting in large mode area optical fibers. The method includes coiling the fiber for keeping the fundamental LP01 mode symmetric along the length of the fiber. By coiling the fiber the mode is forced to be close to the center of the fiber thereby alleviating mode shifting issue in large mode area optical fibers. The method is further applicable to polarization maintaining large mode area optical fibers including PANDA fibers.

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