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(71) Applicant *(for all designated States except US)*: **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **BENNETT, Kevin, W** [US/US]; 10109 East Lake Road, Hammondsport, NY 14840 (US).

(74) Agent: **CARLSON, Robert, L**; Corning Incorporated, Intellectual Property Department, SP-TI-3-1, Corning, NY 14831 (US).

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(54) Title: IMPROVED RELIABILITY MULTIMODE OPTICAL FIBER

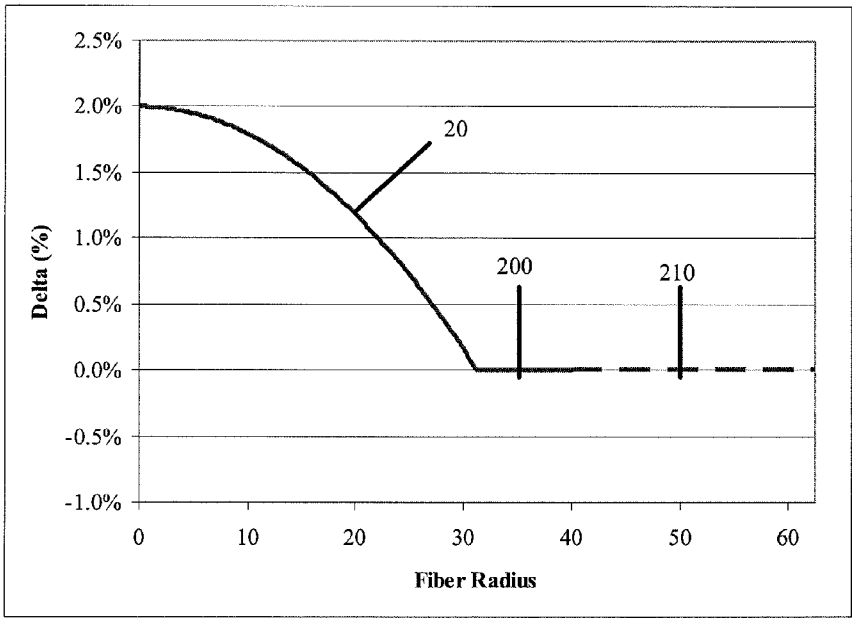

Figure 2

(57) Abstract: Bend resistant multimode optical fibers are disclosed herein. Multimode optical fibers disclosed herein comprise a core region having a radius greater than 25 microns and a polymer coating applied to the outside of the fiber, the coating spaced from the core no more than 15 microns. The fiber exhibits an overfilled bandwidth at 850 nm greater than 400 MHz-km.

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G02B6/036 G02B6/02 G02B6/028
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 123 076 A (NISHIMOTO HIROAKI [JP] ET AL) 16 June 1992 (1992-06-16)	1-4,6,7, 11-13, 15-18
Y	column 1, line 10 - line 15; figure 2; tables 1, 2	5,8-10, 14
X	US 2008/166094 A1 (BOOKBINDER DANA CRAIG [US] ET AL) 10 July 2008 (2008-07-10)	19-22
Y	paragraph [0063]; figure 5	5,8-10, 14

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☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Fax: (+31–70) 340–3016	Jones, Julian

INTERNATIONAL SEARCH REPORT

Information on patent family members

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		JP 3245108 A	31-10-1991
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