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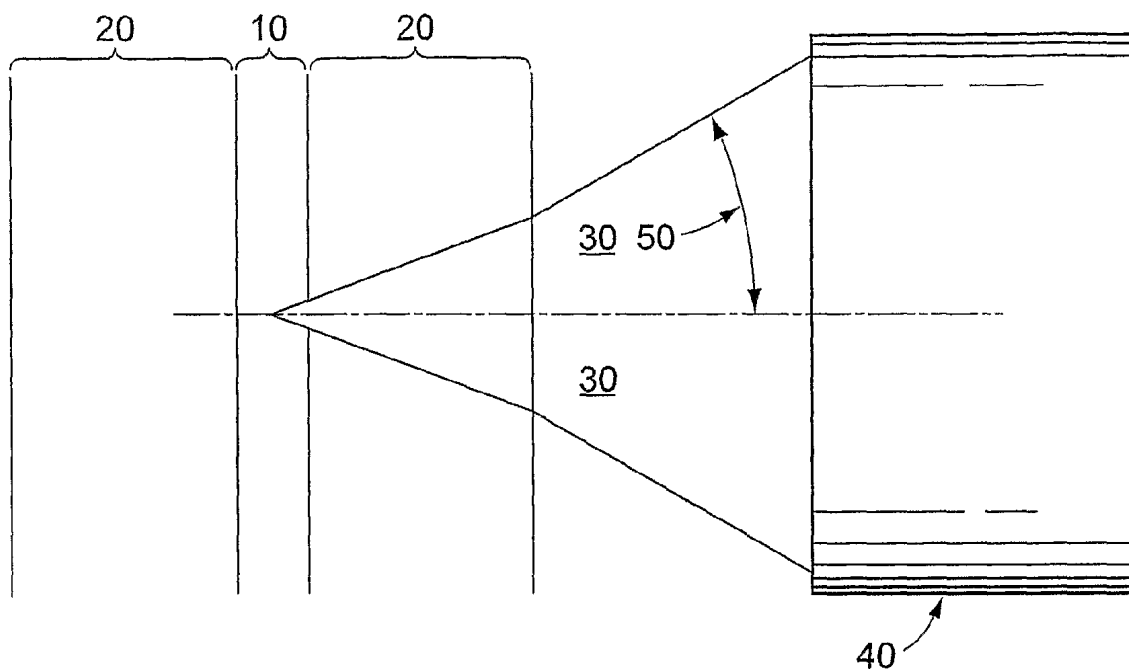
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(54) Title: REFRACTIVE INDEX MATCHING IN CAPILLARY ILLUMINATION



(57) Abstract: System and method for fluorescent light (30) excitation and detection from samples (10) to enhance the numerical aperture and/or reduce the cross-talk of the fluorescent light (30).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/05588

A. CLASSIFICATION OF SUBJECT MATTER

IPC: G01N 21/00(2006.01)

USPC: 356/432,433,434,435,436,437,438,439,440,441,442,443,44,246,317,318,319,413;250/461.1

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)

U.S. : 356/432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 44, 246, 317, 318, 319, 413; 250/461.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NONE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,895,920 A (CARLSON) 20 April 1999 (20.04.199), col.3 line 63 to col.5 line 19.	1-32
---	Figures 1-5	-----
Y	US 6,184,990 A (AMIRKHANIAN et al) 06 February 2001 (06.02.2001), col. 1 lines 39-50 and col.4 lines 1-27).	33-42

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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document member of the same patent family

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