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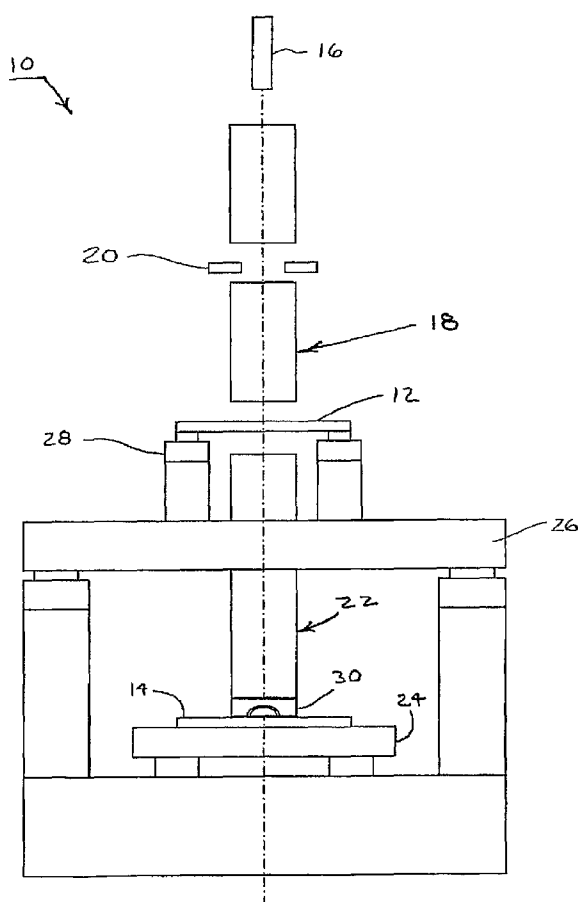
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(54) Title: SUBMERSIVE DOUBLET FOR HIGH NUMERICAL APERTURE OPTICAL SYSTEM



(57) Abstract: The invention features a doublet at one end of a high numerical aperture imaging system. The doublet includes two members coupled together by a fluid medium. The first member is arranged for receiving converging rays within a region of medium power density, and the second member further converges the rays through a region of higher power density. The second member can be made to withstand the higher power density by being made of a more durable material or in a form that is easily replaceable.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G02B 13/00 (2007.01)

USPC - 359/362

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)

IPC(8) - G02B 13/00 (2007.01)

USPC - 359/362

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 practicable, search terms used)

Google Patents, MicroPatent, IP.com, DialogPro

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0068499 A1 (DODOC et al) 31 March 2005 (31.03.2005) entire document	1-33
Y	US 6,038,079 A (MICHAELS) 14 March 2000 (14.03.2000) entire document	1-33
Y	WO 2005/059617 A2 (BEDER et al) 30 June 2005 (30.06.2005) entire document	1-33

☐ Further documents are listed in the continuation of Box C.

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