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[Continued on next page]

(54) Title: OPTICAL SCANNING DEVICES

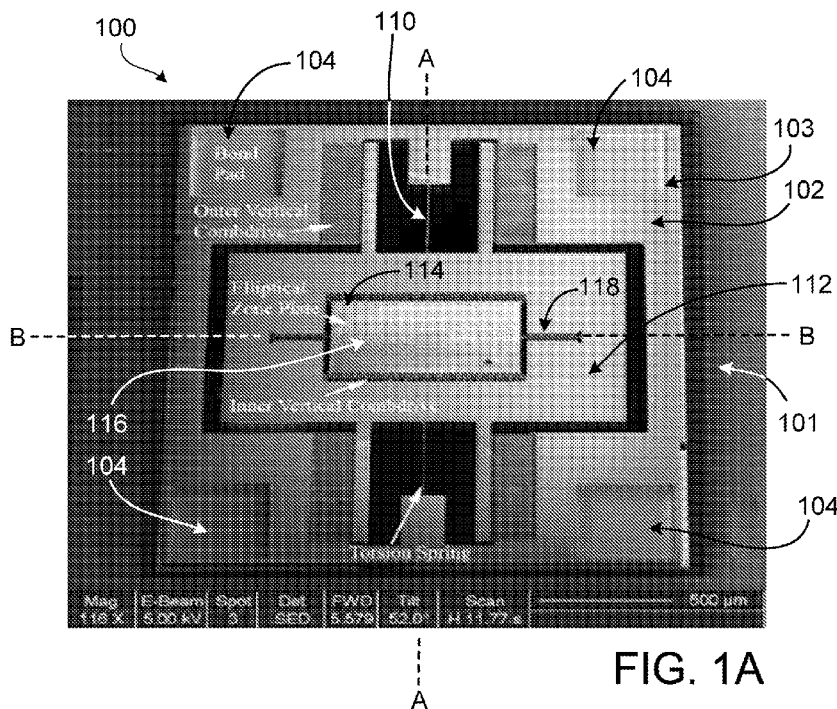


FIG. 1A

[Continued on next page]



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(57) Abstract: Provided are optical scanning devices comprising a Fresnel Zone Plate Objective (FZPO). The scanning devices can be positioned in endoscope for use in medical applications. The scanning devices can also be used in optical communications systems.

A. CLASSIFICATION OF SUBJECT MATTER**G02B 26/10(2006.01)i, G02B 21/36(2006.01)i, A61B 1/00(2006.01)i**

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

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

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO Internal) fresnel gimbal scanning optical micromirror

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/73937A2 (ONIX MICROSYSTEMS, INC.) Oct. 4, 2001 Abstract, Claims, Figures 3, 4, Detailed Description page 6 line 6, page 9 line12~21	1-24
Y	Piyawattanametha, W. et al., "Surface- and bulk- micromachined two-dimensional scanner driven by angular vertical comb actuators", Journal of Microelectromechanical Systems, Dec. 2005, Volume: 14, Issue: 6, pp.1329-1338, ISSN 1057-7157 , Abstract, page1329 line 6-11	1-24
A	US 7071594B1 (MICROVISION, INC.) Jul. 4, 2006 Abstract, Claims 1-5, Figures 1-30 Detailed Description of the Invention	1-24



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

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Date of mailing of the international search report

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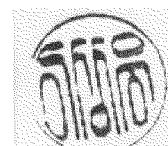
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Information on patent family members

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