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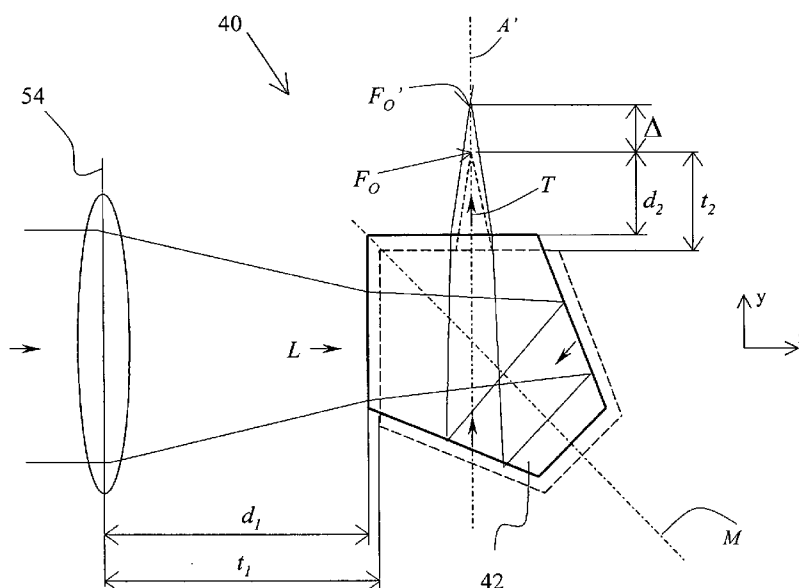
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
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[Continued on next page]

(54) Title: RE-FOCUSING MECHANISM FOR IMAGING SYSTEM



(57) Abstract: Two reflective surfaces (46,48) disposed in a predetermined angular orientation inside the optical tube assembly (34) of a telescope (30) intercept the optical beam (L) and deliver it from the objective (20) to the eye-piece (10). By translating these surfaces (46,48) simultaneously along the axis (NI) bisecting the angle between them, the separation between the focal points (Fo,Fe) of the objective (20) and the eyepiece (10) is adjusted as required to re-focus the telescope (30) in a continuous and reversible fashion without changing its overall dimensions.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/15906

A. CLASSIFICATION OF SUBJECT MATTER

IPC: G02B 23/00(2006.01)

USPC: 359/399

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. : 359/399,422,423,425,426,431,432,831,833,834,835,836,850,856,857,858,862,863,864,865,365,366,434

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)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 4,983,043 (HARDING) 8 January 1991 (08.01.1991), See entire document, including Figure 5.	1-3,6,9,22-23,26 ----- 5,8,25
X --- Y	US 3,076,380 (BROCKWAY) 5 February 1963 (05.02.1963), See entire document, including Figure 1.	1,6,10-11,22,26-28 ----- 5,25
X --- Y	US 5,321,547 A (ZAPP) 14 June 1994 (14.06.1994), See entire document, including Figures 1-3, 7-10.	1,6,22,26 ----- 5,25
Y	US 5,237,446 A (TAKAHASHI) 17 August 1993 (17.08.1993), See entire document, including Figures 4, 8, 12-13, 17-18.	5,8,25

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

☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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