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(54) Title: COMPACT IMAGING LENS ASSEMBLY IN IMAGING READER

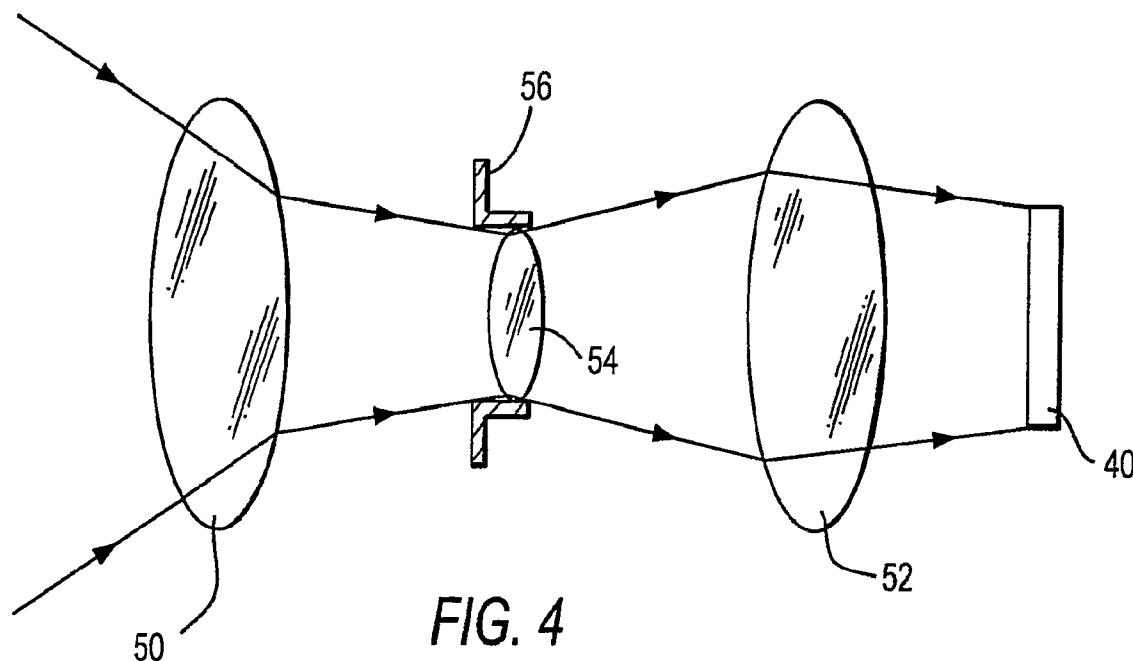


FIG. 4

(57) Abstract: A compact imaging lens assembly focuses light from indicia along an optical path onto a solid-state imager of an imaging reader. The lens assembly includes a pair of end focusing lenses of substantially a same size and spaced apart along the optical path, an intermediate lens between the end lenses, and an aperture stop between the end lenses.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **G06K 7/10**(2006.01)

USPC: 235/454
 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. : 235/454

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 --- A	US 6,431,452 B2 (Feng) 13 August 2002, see entire document,	1, 4, 6-11, 14, 16-20 ----- 2, 3, 5, 12, 13, 15
Y --- A	US 5,406,063 (Jelen) 11 April 1995, see entire document.	9, 19 ----- 2, 3, 5, 12, 13, 15

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

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