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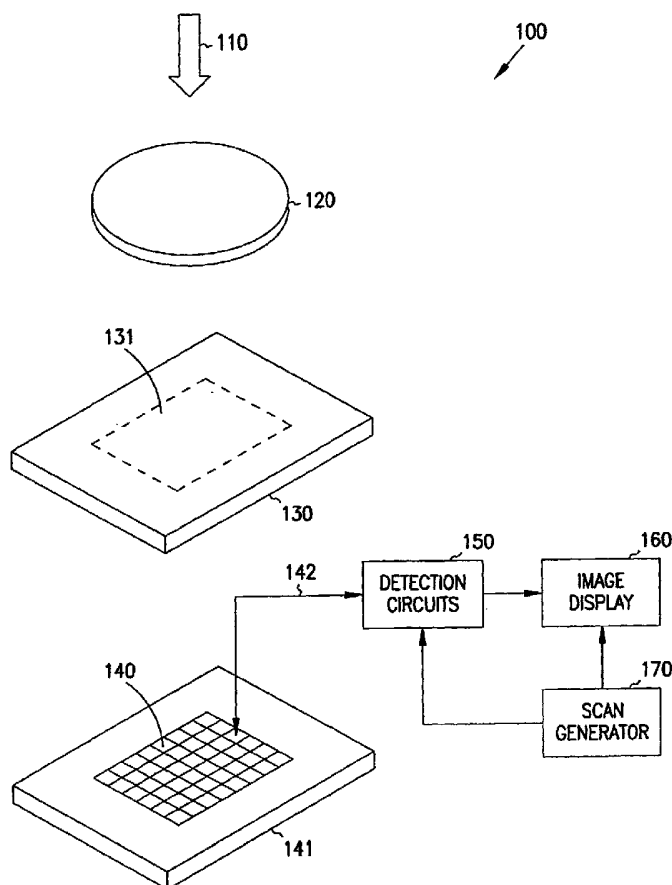
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- (21) International Application Number: PCT/US01/50465 (74) **Agents: CRISS, Roger, H.** et al.; HONEYWELL INTERNATIONAL INC., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
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- (71) **Applicant: HONEYWELL INTERNATIONAL INC.**
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(54) **Title:** HIGH-ABSORPTION WIDE-BAND PIXEL FOR BOLOMETER ARRAYS



(57) **Abstract:** A microbolometer array has pixels with a thin platform of silicon dioxide having a metal absorber layer, and having a resonant gap with a substrate reflector. The pixel resistor of vanadium oxide has low total resistance with metal contacts on opposite edges.

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GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent
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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01J5/20

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)

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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 practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 0 534 768 A (TEXAS INSTRUMENTS INC) 31 March 1993 (1993-03-31) page 3, line 46 -page 5, line 50 ---	1-7, 11-25
X	WO 00 33040 A (DAE WOO ELECTRONICS CO LTD) 8 June 2000 (2000-06-08) page 6, line 25 -page 7, line 11 -----	1,8

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

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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