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(54) Title: METHODS AND SYSTEMS FOR DETECTING CONCEALED OBJECTS

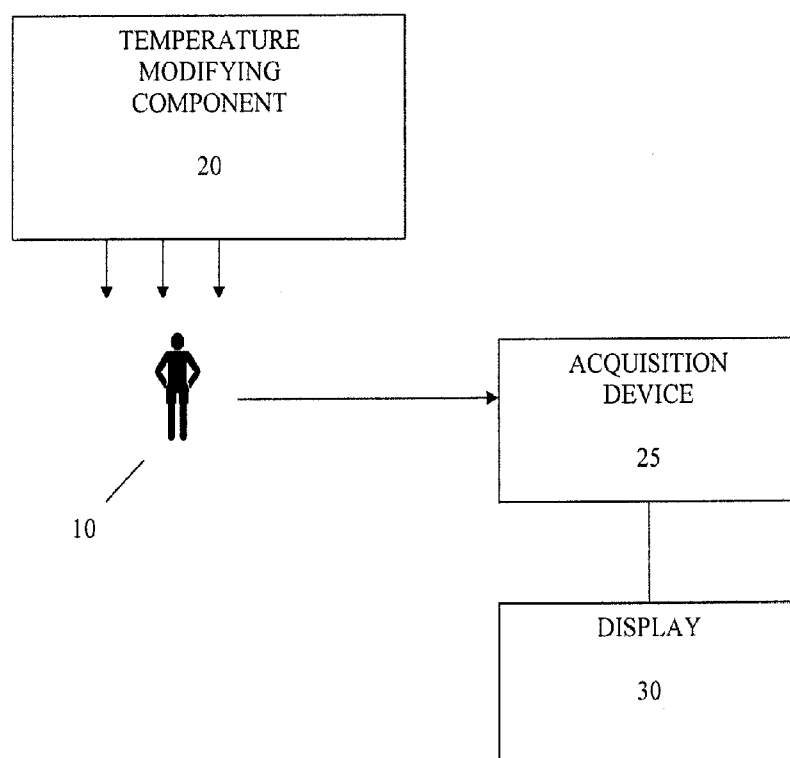


FIG. 1

(57) Abstract: Methods and systems for detecting the presence of concealed objects that can be utilized at locations where conventional methods cannot be utilized are disclosed. One embodiment of the method of these teachings for detecting the presence of concealed objects uses thermal radiation of a body as a source of radiation. Other embodiments include portable and handheld systems, devices, methods, and apparatus to determine the presence of a concealed object.



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ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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PCT/US2009/043969**A. CLASSIFICATION OF SUBJECT MATTER****G01N 25/00(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)

G01N 25/00; A61F 13/15; A61F 13/472; G01N 23/04; G01S 13/00; H01L 31/00

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)

e-Kompass "security, concealed, screen, temperature and similar terms "

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-530130 A (KIMBERLY-CLARK WORLDWIDE INC.) 17 September 2002 See the abstract and figures 1-3	1-34
A	US 2005-0110672 A1 (APOSTLE CARDIASMENOS et al.) 26 May 2005 See claims 1 and figures 1- 5	1-34
A	US 6570956 B1 (RHEE; JIN-KOO et al.) 27 May 2003 See claim 1 and figures 1, 2	1-34
A	US 7558370 B2 (SOMMER, JR. EDWARD) 07 July 2009 See claims 1, 17 and figures 1-4, 16	1-34
A	US 2006-0262902 A1 (WATTENBURG, W. H.) 23 November 2006 See the abstract and figures 1-8	1-34



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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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2009/043969

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