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[54] METHOD OF DETECTING UNKNOWN OBJECT AND APPARATUS THEREFOR

[75] Inventors: **Yoshihiro Michiguchi**, Ibaraki; **Masatsugu Nishi**, Katsuta; **Kazuo Hiramoto**, Hitachi, all of Japan

[73] Assignee: **Hitachi, Ltd.**, Tokyo, Japan

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[58] Field of Search 342/21, 22, 27, 55, 342/181, 351

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Primary Examiner—Gilberto Barrén, Jr.

Attorney, Agent, or Firm—Antonelli, Terry, Stout & Kraus

[57] ABSTRACT

In visualizing an unknown object possessed by a person to be checked, a narrow pulsating radio wave beam is scanned over the whole surface of the person to observe the intensity of a reflected radio wave at each scan point. The frequency of the radio wave beam is set at a frequency easy to be transmitted by the human body to suppress the reflection from the human body and emphasize the unknown object to thereby discriminate between them. An image of the person to be checked is displayed and the portion having a strong reflection is color-displayed on the image to allow the check of the unknown object possessed by the person without contacting the person.

42 Claims, 6 Drawing Sheets

