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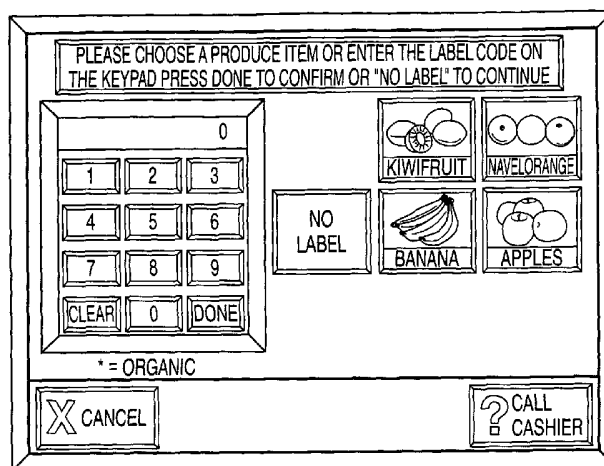
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- (71) Applicant: **OPTIMAL ROBOTICS, CORP.** [CA/CA];
4700 de la Savane, Suite 101, Montreal, Quebec H4P 1T7 (CA).
- (72) Inventor: **JACOBS, Eric, L., L.**; 123-14 Vanguard Avenue, Pointe Claire, Quebec H9R 3T4 (CA).
- (74) Agent: **HUNT, John, C.**; Blake, Cassels & Graydon LLP, Box 25, Commerce Court West, Toronto, Ontario M5L 1A9 (CA).
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(54) Title: SELF-CHECKOUT METHOD AND APPARATUS INCLUDING GRAPHIC INTERFACE FOR NON-BAR CODED ITEMS



(57) Abstract: An apparatus and method for self-checkout of non-bar coded items is provided. The apparatus includes a PLU entry device, a PLU database and a processing unit. The PLU entry device includes a display and a GUI. The GUI provides on the display a predetermined image corresponding to a non-bar coded item, and means for the user to select the predetermined image of the non-bar coded item. The PLU entry device supplies a PLU corresponding to the non-bar coded item selected by the user. The processing unit uses the PLU supplied by the PLU entry device to retrieve a price of the selected non-bar coded items. The processing unit may maintain for each item a count of the number of units of the item sold within a predetermined period of time. The processing unit also may maintain a list of most frequently sold items. The image of at least one item on the list is provided on a selected display screen. The processing unit may update the display screen when the list of most frequently sold items changes. An image of a generic category of items may be provided on the display. The displayed image of the generic category is selected by the user to view images of respective items in the generic category.



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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/60 G07G1/00 G01G19/414

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)

IPC 7 G07G G01G A47F G06F

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 817 141 A (NCR INT INC) 7 January 1998 (1998-01-07) column 4, line 24 -column 6, line 12 column 10, line 9 - line 24; figures 4-7 ---	1-11
X	US 5 083 638 A (SCHNEIDER HOWARD) 28 January 1992 (1992-01-28) cited in the application column 4, line 28 - line 64 column 16, line 8 -column 17, line 22; claims 1,13 ---	1,5,7, 10,11
X	GB 2 217 887 A (CHECKROBOT INC) 1 November 1989 (1989-11-01) page 5, line 5 -page 6, line 28; figures 4-10 page 12, line 9 -page 14, line 6 --- -/--	1,5,7-11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Guivol, 0

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 510 979 A (MODERI MARTIN J ET AL) 23 April 1996 (1996-04-23) column 9, line 11 -column 12, line 51; figures 8-12 ---	1-11
A	US 4 843 546 A (YOSHIDA KAZUFUMI ET AL) 27 June 1989 (1989-06-27) the whole document -----	1-6

INTERNATIONAL SEARCH REPORT

Information on patent family members

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