

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 August 2004 (12.08.2004)

PCT

(10) International Publication Number
WO 2004/068442 A3

(51) International Patent Classification⁷: H04Q 1/00

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/US2004/002388

(22) International Filing Date: 27 January 2004 (27.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/319,906 27 January 2003 (27.01.2003) US
10/249,707 1 May 2003 (01.05.2003) US

(71) Applicant and

(72) Inventor: FAILING, Bruce [US/US]; 105 Rowayton Avenue, Norwalk, CT 06853 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

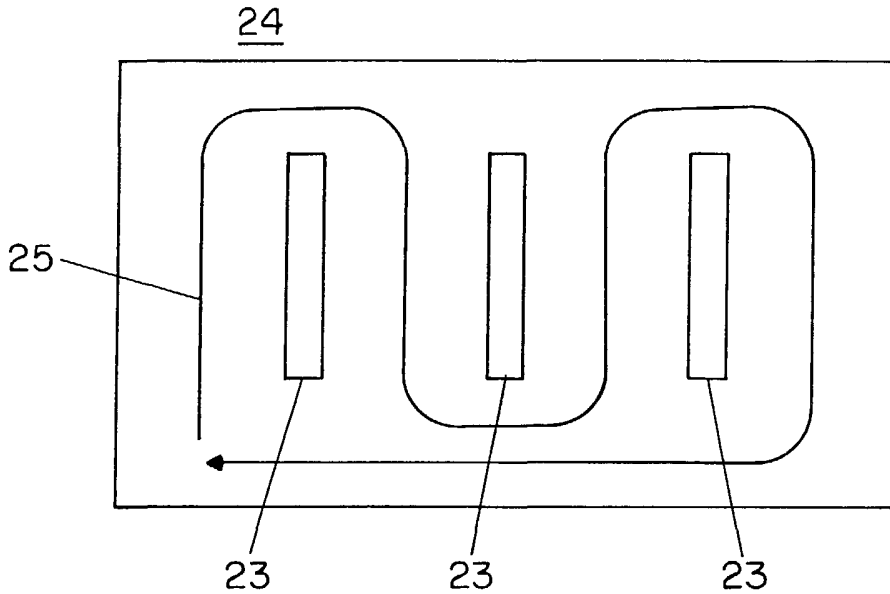
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
11 November 2004

[Continued on next page]

(54) Title: PRICE DISPLAY SYSTEM AND METHODS FOR USE THEREWITH



(57) Abstract: An electronic price display system has myriad price display labels. A mobile unit follows a path through the system, at one time or another along the path reaching sufficient proximity to each label to transmit power to it and thus to power it for the receipt of a message and to allow the label to acknowledge the message. The labels desirably do not rely upon battery power but have bistable regions providing human-perceptible messages such as prices. The labels preferably are flexible and are pre-formed with a curvature well suited to standard grocery store shelf edge channels.

WO 2004/068442 A3



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/02388

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 1/00
 US CL : 340/5.910

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. : 340/5.910, 815. 43, 815.4, 815,.44, 81, 5.52, 10.1, 10.34

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,E	US 6,753,830 B2 (GELBMAN) 22 June 2004, fig. 2, col. 16, lines 45-54, col. 2, lines 56-62 and col. 6, lines 44-48.	1-9
A	US 6,253,190 B1 (SUTHERLAND) 26 June 2001, see entire document.	1-9
A	US 4,500,880 (GOMERSALL et al.) 19 February 1985, see entire document.	1-9
A,E	US 6,749,116 B2 (MASARO) 15 June 2004, see entire document.	1-9

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search
 09 September 2004 (09.09.2004)

Date of mailing of the international search report
28 SEP 2004

Name and mailing address of the ISA/US
 Mail Stop PCT, Attn: ISA/US
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 Facsimile No. (703) 305-3230

Authorized officer
 Kenneth Wieder *R. W. Wieder*
 Telephone No. 703-305-4700

INTERNATIONAL SEARCH REPORT

PCT/US04/02388

Continuation of B. FIELDS SEARCHED Item 3:
USPAT; US-PGPUB; EOP; JPO, DERWENT
East