

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 April 2001 (26.04.2001)

PCT

(10) International Publication Number
WO 01/29774 A2

(51) International Patent Classification⁷: **G07B 11/00**

(21) International Application Number: **PCT/US00/41344**

(22) International Filing Date: 20 October 2000 (20.10.2000)

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
60/160,861 21 October 1999 (21.10.1999) **US**

(71) Applicant: **CUBIC CORPORATION [US/US]; 9333 Balboa Avenue, San Diego, CA 92186 (US).**

(72) Inventors: **NEWSOME, Matthew, J.; 13564 Lindamere Lane, San Diego, CA 92129 (US). HILTON, Graham, H.; 6453 Wandermere Drive, San Diego, CA 92120 (US). MILLER, Paul, M.; 13004 ViaCaballo Rojo, San Diego, CA 92129 (US). SHAKELFORD, Jesse; 6460 Convoy Court #309, San Diego, CA 92117 (US). SANFILIPO, Chad, S.; 24943 Satusuma Court, Ramona, CA 92065**

(US). **VARNEY, Mark; 31 Leeds Close, Southwater, Horsham, West Sussex RH13 7XN (GB). PARKER, Andrew; 19 Valley Road, Welwyn Garden City, Hertfordshire AL8 7OH (GB). BRYANT, Kevin; 102 Cottimore Lane, Walton on Thames, Surrey KT12 2 BN (GB). FORD, Gavin; 125 Connaught Road, Woking, Surrey GU24 0EU (GB).**

(74) Agents: **MARTIN, Neil, F. et al.; Brown, Martin, Haller & McClain LLP, 1660 Union Street, San Diego, CA 92101 (US).**

(81) Designated States (*national*): **AU, CN, JP, SG.**

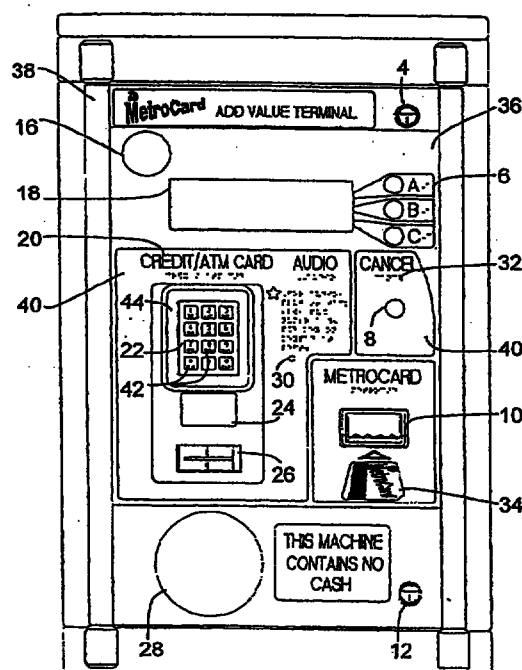
(84) Designated States (*regional*): **European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).**

Published:

— *Without international search report and to be republished upon receipt of that report.*

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.

(54) Title: **SYSTEM FOR RAPIDLY DISPENSING AND ADDING VALUE TO FARE CARDS**



(57) Abstract: An add value terminal provides an automatic fare collection environment with a compact, easy to use, and easy to install device that re-values and issues transit fare cards exclusively utilizing credit and debit functions. The add value terminal alleviates long lines often associated with automatic vending machines that allow bill and coin transactions. The add value terminal also provides a means to sell tickets in out-of-station environments including malls, grocery stores, post offices, and airports.

WO 01/29774 A2