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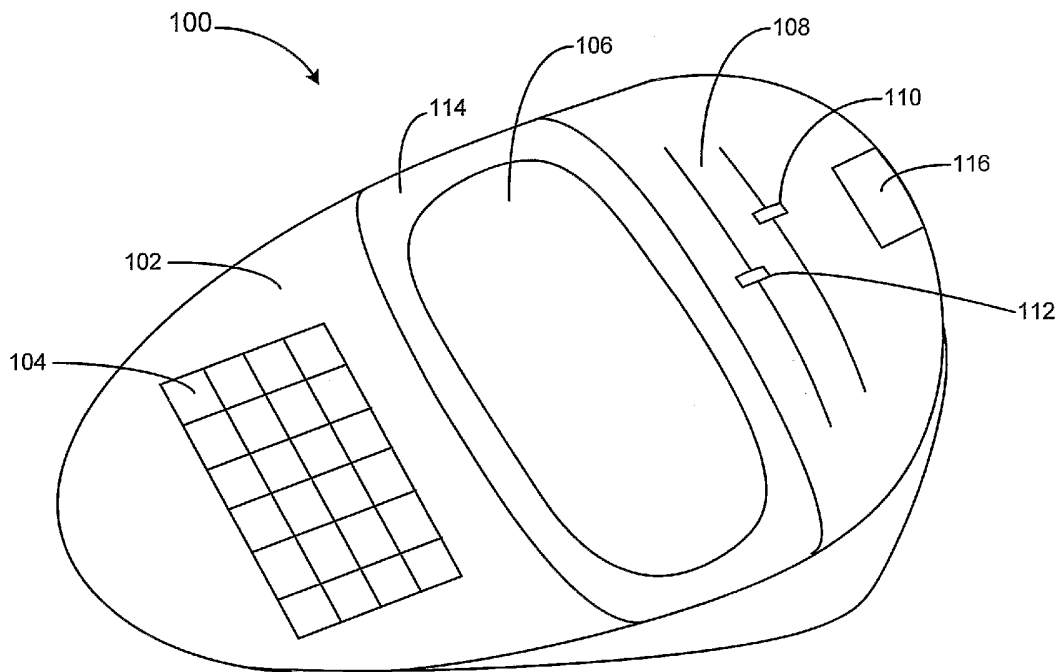
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: MULTI-HEAD POINT OF SALE TERMINAL



(57) Abstract: The invention provides for multiple card orientations and multiple card directions of travel through use of multiple opposed magnetic stripe reader heads within a POS terminal card reader track. In one embodiment, the various opposed heads are offset along the card reader track. The POS terminal also accommodates smart card and contactless instrument readers and includes features for electronic signature capture, user display interaction, multi-tasking capabilities, check reading and age and identity verification.

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B. FIELDS SEARCHED

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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, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HYPERCOM CORPORATION: "Optimum L4100"[Online] May 2004 (2004-05), pages 1-2, XP002394034 Retrieved from the Internet: URL: http://www.tekservicepos.com/new_html/pops_hardware/payment_debit/OptimumL4100.pdf [retrieved on 2006-08-08] page 1 - page 2	1-22
A	US 5 945 654 A (HUANG ET AL) 31 August 1999 (1999-08-31) column 1 - column 4; figures 3,4 ----- -/--	1-5, 8, 10-14

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International application No

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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	<p>RACHEL VAN EYK: "Mosaic Software Newsletter"[Online] August 2004 (2004-08), pages 1-2, XP002394035 Retrieved from the Internet: URL: http://www.mosaicsoftware.com/download/newsletters/200408_newsletter.pdf [retrieved on 2006-08-08] page 2, column 2</p>	1, 9, 10, 15, 16, 20-22
A	<p>US 2004/011877 A1 (REPPERMUND HANS U) 22 January 2004 (2004-01-22) paragraph [0030]; figure 8</p>	1
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A	<p>HYPERCOM CORPORATION: "ICE 6000Plus"[Online] 2004, pages 1-2, XP002394037 Retrieved from the Internet: URL: http://www.hypercom.com/_Documents/_Products/ICE6000Plus.pdf [retrieved on 2006-08-08] page 1 - page 2</p>	1-22
A	<p>MARKET PULSE: "Hypercom orders OTI contactless reader solutions"[Online] 3 March 2005 (2005-03-03), pages 1-1, XP002394038 Retrieved from the Internet: URL: http://www.npnweb.com/uploads/newsletters/marketpulse/2005/0503/03/030305_news02.html [retrieved on 2006-08-08] page 1</p>	1-22
A	<p>HYPERCOM CORPORATION: "BioPIN"[Online] April 2002 (2002-04), pages 1-17, XP002394039 Retrieved from the Internet: URL: http://www.hypercom.com/_Documents/_WhitePapers/fingerpin.pdf [retrieved on 2006-08-08] pages 6, 12-17</p>	1-22

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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	<p>ANONYMOUS: "Card reader" RESEARCH DISCLOSURE, MASON PUBLICATIONS, HAMPSHIRE, GB, vol. 286, no. 52, February 1988 (1988-02), XP007112220 ISSN: 0374-4353 the whole document</p> <p>-----</p>	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5945654	A	31-08-1999	NONE	
US 2004011877	A1	22-01-2004	NONE	