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[Continued on next page]

(54) Title: PAYMENT CARDS, DEVICES, SYSTEMS, AND METHODS FOR PROVIDING GAME ACTIONS WITH PAYMENT DATA, SOCIAL NETWORKING MECHANISMS AND INFORMATION EXCHANGE MECHANISMS

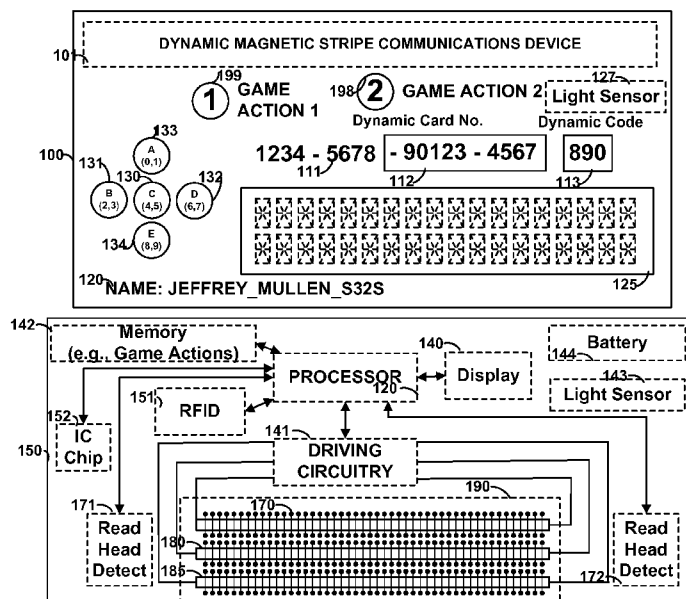


FIG. 1

(57) Abstract: Payment cards and devices are provided that allow a user to select an action associated with a video game by making a payment. Such a video game may be, for example, a video game operated on a remote server and operable to be accessed by multiple players such as a multiplayer game accessed via a social networking website. A card may receive, store, purchase and/or share one or more coupon offers (e.g., promotions, awards, rewards, or incentives). Coupon offers, associated details, and associated coupon detail updates may be displayed onto one or more displays of a card. A card, or other device (e.g., a mobile telephonic device), may provide transaction, feature information, and/or any other type of information to a merchant terminal based upon check-in options that may be selected by the user on the card, which may be shared with network entities to track cardholder movement.

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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))*

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23 May 2013

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- *with international search report (Art. 21(3))*

INTERNATIONAL SEARCH REPORT

International application No.
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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06 Q30/00 (2012.01) USPC - 705/26.1 According to International Patent Classification (IPC) or to both national classification and IPC</p>																										
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) IPC(8) - G06Q 30/00; H04L 29/06, 29/08 (2012.01) USPC - 705/26.1, 27; 707/999.01, 999.104</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PatBase, MicroPatent, Google Scholar</p>																										
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>US 2009/0048971 A1 (HATHAWAY et al) 19 February 2009 (19.02.2009) entire document</td> <td>1-20, 59-60</td> </tr> <tr> <td>Y</td> <td>US 2009/0159663 A1 (MULLEN et al) 25 June 2009 (25.06.2009) entire document</td> <td>1-20, 59-60</td> </tr> <tr> <td>Y</td> <td>US 2008/0140536 A1 (RUIZ TEJEDOR et al) 12 June 2008 (12.06.2008) entire document</td> <td>1-11, 16, 59</td> </tr> <tr> <td>Y</td> <td>US 6,929,550 B2 (HISADA) 16 August 2005 (16.08.2005) entire document</td> <td>12-20, 60</td> </tr> <tr> <td>A</td> <td>US 2010/0029380 A1 (RHOADS et al) 04 February 2010 (04.02.2010) entire document</td> <td>1-20, 59-60</td> </tr> <tr> <td>A</td> <td>US 2010/0093421 A1 (NYMAN et al) 15 April 2010 (15.04.2010) entire document</td> <td>1-20, 59-60</td> </tr> <tr> <td>A</td> <td>US 2010/0016070 A1 (WALKER et al) 21 January 2010 (21.01.2010) entire document</td> <td>1-20, 59-60</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 2009/0048971 A1 (HATHAWAY et al) 19 February 2009 (19.02.2009) entire document	1-20, 59-60	Y	US 2009/0159663 A1 (MULLEN et al) 25 June 2009 (25.06.2009) entire document	1-20, 59-60	Y	US 2008/0140536 A1 (RUIZ TEJEDOR et al) 12 June 2008 (12.06.2008) entire document	1-11, 16, 59	Y	US 6,929,550 B2 (HISADA) 16 August 2005 (16.08.2005) entire document	12-20, 60	A	US 2010/0029380 A1 (RHOADS et al) 04 February 2010 (04.02.2010) entire document	1-20, 59-60	A	US 2010/0093421 A1 (NYMAN et al) 15 April 2010 (15.04.2010) entire document	1-20, 59-60	A	US 2010/0016070 A1 (WALKER et al) 21 January 2010 (21.01.2010) entire document	1-20, 59-60
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/></p>																										
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"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</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"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</td> </tr> <tr> <td>"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)</td> <td>"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</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"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	"E" earlier application or patent but published on or after the international filing date	"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	"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)	"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	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed															
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<p>Date of the actual completion of the international search 29 February 2012</p>		<p>Date of mailing of the international search report 12 MAR 2012</p>																								
<p>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. 571-273-3201</p>		<p>Authorized officer: Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>																								

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2011/045991

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See Extra Sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-20, 59-60

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2011/045991

Continuation of Box No. III:

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claims 1-20, 59 and 60, drawn to a payment device comprising an output device for providing payment data and game action data to a payment card reader wherein the payment data is utilized to authorize a payment transaction and the game action data is utilized to impact a video game.

Group II, claims 21-27, drawn to a method comprising receiving a coupon on a payment card, storing the coupon on the payment card, and purchasing the coupon by pressing a button on the card and redeeming the coupon.

Group III, claims 28-41 and 61, drawn to a method and a system comprising receiving data from a payment card that includes first information associated with a payment account and second information associated with a deal, wherein the information was provided in the data as a result of manual input provided into said payment card, completing a purchase transaction based at least in part on said first information and completing a deal redemption based, at least in part, on said second information.

Group IV, claims 42-58 and 62, drawn to a method and a system comprising selecting a check-in option on a payment device and communicating a payment account number and information associated with said selected check-in option to a merchant terminal as part of a purchase transaction, authorizing the purchase transaction and updating a user profile associated with the payment account number that the user checked-in with a merchant associated with the merchant terminal.

The inventions listed as Groups I, II, III or IV do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the special technical feature of the Group I invention: an output device for providing payment data and game action data to a payment card reader wherein the payment data is utilized to authorize a payment transaction and the game action data is utilized to impact a video game as claimed therein is not present in the invention of Groups II, III or IV. The special technical feature of the Group II invention: comprising receiving a coupon on a payment card, storing the coupon on the payment card, and purchasing the coupon by pressing a button on the card and redeeming the coupon as claimed therein is not present in the invention of Groups I, III or IV. The special technical feature of the Group III invention: receiving data from a payment card that includes first information associated with a payment account and second information associated with a deal, wherein the information was provided in the data as a result of manual input provided into said payment card, completing a purchase transaction based at least in part on said first information and completing a deal redemption based, at least in part, on said second information as claimed therein is not present in the invention of Groups I, II or IV. The special technical feature of the Group IV invention: selecting a check-in option on a payment device and communicating a payment account number and information associated with said selected check-in option to a merchant terminal as part of a purchase transaction, authorizing the purchase transaction and updating a user profile associated with the payment account number that the user checked-in with a merchant associated with the merchant terminal as claimed therein is not present in the invention of Groups I, II or III.

Groups II, III and IV lack unity of invention because even though the inventions of these groups require the technical feature of a payment card or a payment device having input means such as a button, and being capable of communicating with merchants and/or financial institutions systems to conduct electronic transactions for purchasing goods and services, authorization of payment transactions, and purchase and redemption of coupons, this technical feature is not a special technical feature as it does not make a contribution over the prior art in view of US 2009/0048971 A1 (HATHAWAY et al) 19 February 2009 (19.02.2009) figures 2, 3A, 3B, 9, paragraphs 0024, 0031, 0033, 0055, 0056; and US 2009/0159663 A1 (MULLEN et al) 25 June 2009 (25.06.2009), figures 16, 17, paragraphs 00119, 0120.

Since none of the special technical features of the Group I, II, III or IV inventions are found in more than one of the inventions, unity of invention is lacking.