

## (12) United States Patent

Nguyen et al.

## (54) LOCATION AND USER IDENTIFICATION FOR ONLINE GAMING

(75) Inventors: Binh Nguyen, Reno, NV (US); Craig

Paulsen, Reno, NV (US)

Assignee: **IGT**, Reno, NV (US)

Subject to any disclaimer, the term of this (\*) Notice:

patent is extended or adjusted under 35

U.S.C. 154(b) by 896 days.

Appl. No.: 10/981,435

(22)Filed: Nov. 3, 2004

(65)**Prior Publication Data** 

> US 2006/0095790 A1 May 4, 2006

(51) Int. Cl. G06F 21/00

(2006.01)

**U.S. Cl.** ...... 713/186; 713/182; 726/5; 726/11; 726/21; 380/231; 380/251; 463/29

Field of Classification Search ...... 713/186, 713/182; 726/5, 11, 21; 380/231, 251; 463/29 See application file for complete search history.

#### (56)References Cited

### U.S. PATENT DOCUMENTS

6,104,815 A * 8/2000 Alcorn et al. 380/25   6,554,705 B1 * 4/2003 Cumbers 463/2   6,562,553 B2 * 5/2003 Mancini et al. 430/32   6,737,713 B2 * 5/2004 Georgescu et al. 257/39	6,554,705 B1* 4/2
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------

#### US 7,577,847 B2 (10) **Patent No.:** (45) Date of Patent: Aug. 18, 2009

6,743,098 B2*	6/2004	Urie et al 463/29
6,783,459 B2*	8/2004	Cumbers 463/29
6,884,166 B2*	4/2005	Leen et al 463/16
6,887,151 B2*	5/2005	Leen et al 463/16
6,934,858 B2*	8/2005	Woodhill 726/5

#### (Continued)

#### FOREIGN PATENT DOCUMENTS

WO WO 03/042830 A1 5/2003

#### OTHER PUBLICATIONS

International Search Report, dated Mar. 16, 2006 from corresponding International Application No. PCT/US2005/037301, 6 pp. including Notification of Transmittal.

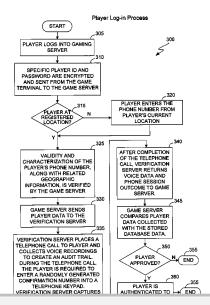
(Continued)

Primary Examiner—David García Cervetti (74) Attorney, Agent, or Firm—Weaver Austin Villeneuve & Sampson LLP

#### (57)ABSTRACT

The present invention provides methods and devices for determining the location, identity and age of a user who desires to initiate a gaming session from an uncontrolled environment such as a home, a gaming kiosk or a hotel room. In some implementations, the user's location is determined in part by reference to a database of land telephone lines and corresponding addresses. The location may be verified by other methods, e.g., by determining the location of an Internet service provider's network device that is near a user's host device or via a cellular telephone network. The user may be asked to input a confirmation number and/or make an oral response during a telephone call to a telephone number associated with the uncontrolled environment. The user may also be prompted to make statements verifying his or her identity, age, a maximum amount available for wagering or other statements.

## 37 Claims, 5 Drawing Sheets





## U.S. PATENT DOCUMENTS

6,945,870	B2*	9/2005	Gatto et al 463/29
7,035,626	B1 *	4/2006	Luciano, Jr 455/414.1
7,092,943	B2 *	8/2006	Roese et al 707/9
7,175,528	B1*	2/2007	Cumbers 463/29
7,212,828	B2 *	5/2007	Hind et al 455/456.1
7,218,739	B2*	5/2007	Multerer et al 380/251
7,229,354	B2*	6/2007	McNutt et al 463/29
7,239,669	B2*	7/2007	Cummings et al 375/295
7,285,048	B2 *	10/2007	Karmarkar 463/42
7,308,251	B2*	12/2007	Karaoguz 455/411
7,357,717	B1 *	4/2008	Cumbers 463/29
7,360,248	B1*	4/2008	Kanevsky et al 726/21
7,383,572	B2 *	6/2008	Rolfe 726/5
7,420,464	B2*	9/2008	Fitzgerald et al 340/539.13
7,437,147	B1 *	10/2008	Luciano, Jr 455/414.1
2001/0037211	A1*	11/2001	McNutt et al 705/1
2002/0111213	A1*	8/2002	McEntee et al 463/42
2002/0132663	A1*	9/2002	Cumbers 463/25
2002/0142846	A1*	10/2002	Paulsen 463/43
2002/0160834	A1*	10/2002	Urie et al 463/29
2003/0006931	A1*	1/2003	Mages 342/357.06
2003/0017871	A1*	1/2003	Urie et al 463/29
2003/0031321	A1*	2/2003	Mages 380/270
2003/0070100	Al	4/2003	Winkler
2003/0073499	A1*	4/2003	Reece 463/42
2003/0092489	A1*	5/2003	Veradej 463/36
2003/0139190	A1	7/2003	Steelberg et al.
2003/0195037	A1*	10/2003	Vuong et al 463/29
2003/0217122	A1*	11/2003	Roese et al 709/219
2003/0217151	A1*	11/2003	Roese et al 709/225
2003/0225893	A1*	12/2003	Roese et al 709/227
2003/0236120	A1*	12/2003	Reece et al 463/42
2004/0053692	A1*	3/2004	Chatigny et al 463/36

2004/0098588 A1	* 5/2004	Ohba et al 713/169
2004/0121841 A1	* 6/2004	Xidos et al 463/40
2004/0203908 A1	* 10/2004	Hind et al 455/456.1
2004/0224755 A1	* 11/2004	Tallal, Jr 463/25
2004/0259626 A1	* 12/2004	Akram et al 463/17
2005/0038825 A1	* 2/2005	Tarabzouni et al 707/200
2005/0054438 A1	* 3/2005	Rothschild et al 463/29
2005/0066044 A1	* 3/2005	Chaskar et al 709/230
2005/0091338 A1	* 4/2005	de la Huerga 709/217
2005/0137006 A1	* 6/2005	Rothschild et al 463/20
2005/0187020 A1	* 8/2005	Amaitis et al 463/42
2005/0193209 A1	* 9/2005	Saunders et al 713/182
2006/0052162 A1	* 3/2006	Soukup et al 463/27
2007/0060319 A1	* 3/2007	Block et al 463/27
2007/0063037 A1	* 3/2007	Silverbrook et al 235/432
2007/0066347 A1	* 3/2007	Silverbrook et al 455/556.1
2007/0099698 A1	* 5/2007	Cole 463/29
2007/0190494 A1	* 8/2007	Rosenberg 434/11
2008/0254877 A1	* 10/2008	Morrow
2008/0278772 A1	* 11/2008	Silverbrook et al 358/473
2009/0088206 A1	* 4/2009	Silverbrook et al 455/556.1
2009/0093897 A1	* 4/2009	Lapstun et al 700/94

## OTHER PUBLICATIONS

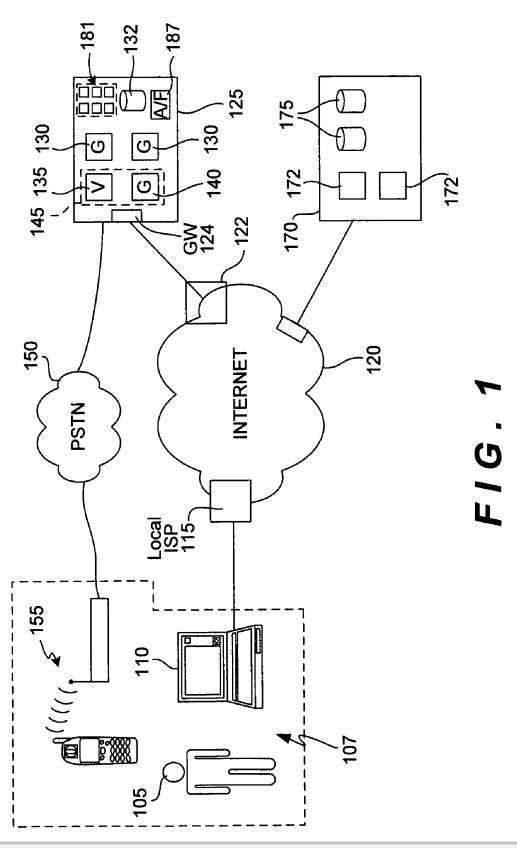
Written Opinion of the International Searching Authority, dated Mar. 16, 2006 from corresponding International Application No. PCT/ US2005/037301, 6 pp.

Authentify, Authentify/Register, www.authentify.com, printed Jun. 28, 2005, 2 pages.

Matt Richtel, Launch of Net gambling puts MGM Mirage in the hot seat, Appendix, New York Times News Service, Sep. 30, 2002, 2 pages.

\* cited by examiner

Aug. 18, 2009





## Online Player Registration Process

Aug. 18, 2009

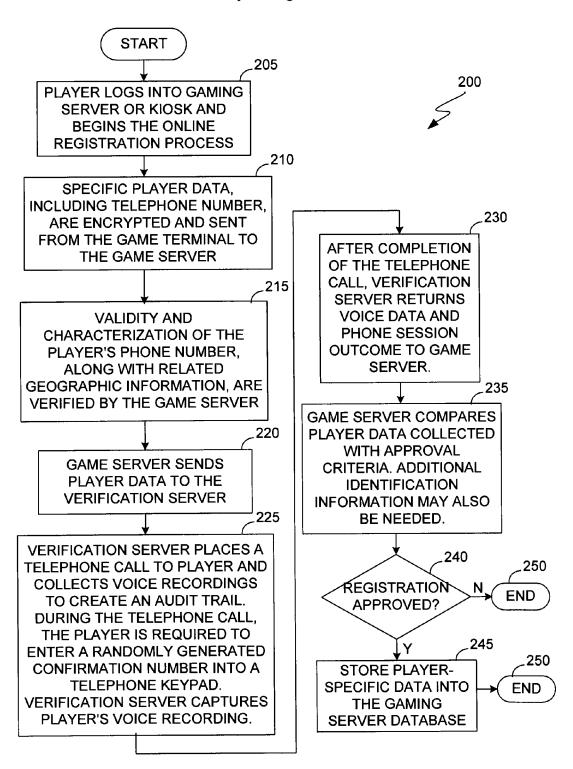
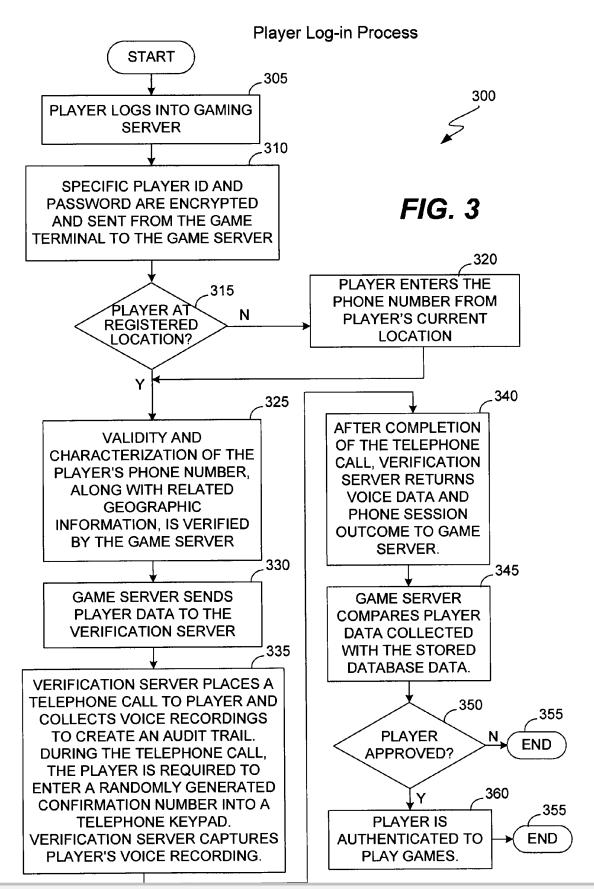


FIG. 2







# DOCKET A L A R M

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

## **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

