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**Ovalle**

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(54) **SINGLE PLATFORM SYSTEM FOR MULTIPLE JURISDICTION LOTTERIES**

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CPC ..... ***G07F 17/3227*** (2013.01); ***G07F 17/329*** (2013.01)

(58) **Field of Classification Search**
CPC ..... G06F 17/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,323,846 B1 11/2001 Westerman et al.
6,570,557 B1 5/2003 Westerman et al.
6,677,932 B1 1/2004 Westerman
6,888,536 B2 5/2005 Westerman et al.
7,614,008 B2 11/2009 Ording
7,633,076 B2 12/2009 Huppi et al.
7,653,883 B2 1/2010 Hotelling et al.
7,657,849 B2 2/2010 Chaudhri et al.
(Continued)

FOREIGN PATENT DOCUMENTS

EP 1367534 A2 12/2003
WO WO-02/063555 8/2002

OTHER PUBLICATIONS

International Search Report and Written Opinion for PCT Application No. PCT/US2015/42995, issued Nov. 12, 2015.

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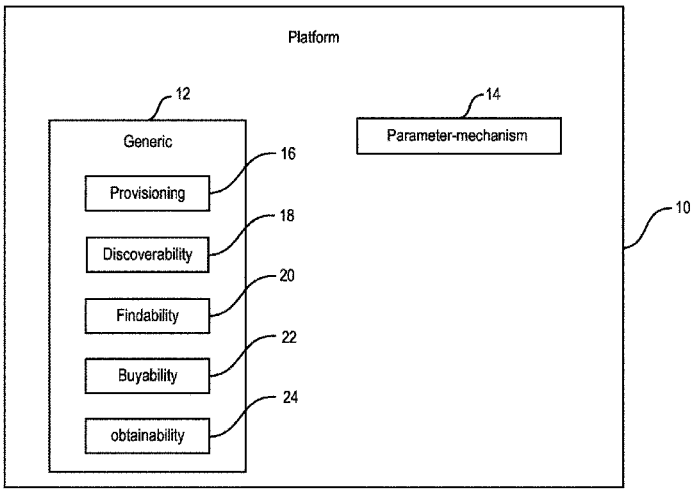
(57) **ABSTRACT**

A wireless communications system includes a computer system run on a single platform on which a plurality of different lottery games for different jurisdictions are supported and run from the single platform. The computer system includes at least one workflow server residing in a mobile communications network. Computer executable instructions, when executed by the at least one network processor in the workflow server, implements components that include: a workflow module of sets of workflow instructions for processing different types of lottery game packets from a plurality of different jurisdictions. A deep packet inspection module inspects a received lottery game packet and provides information about the lottery game packet to the workflow module. The workflow module coordinates processing of the received lottery game packets using selected ones of selectable communication function modules based on the information about the lottery game packet provided by the deep lottery game packet inspection module.

**18 Claims, 31 Drawing Sheets**