

Diego Gonzalez

1) Family number: 66520034 (WO18224847A2)

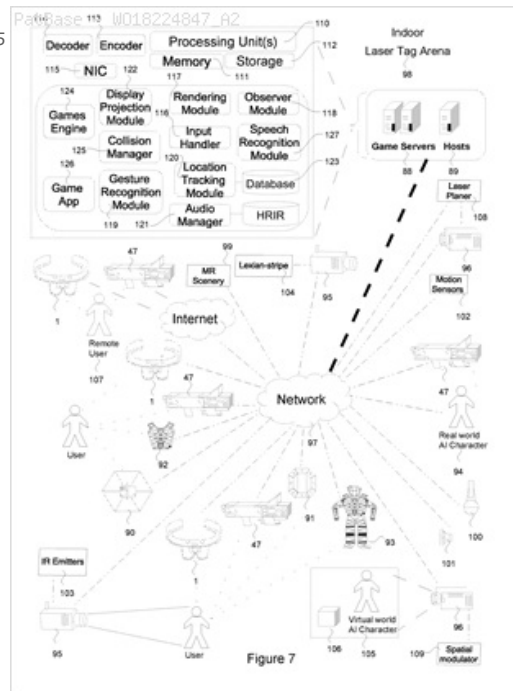
Title: MIXED REALITY GAMING SYSTEM

Abstract: An interactive mixed reality system for one or more users, in which both real-world entities and virtual world entities are capable of being interacted with by one or more users, or by objects (47, 91) for use by users, and the system arranged to computationally maintain game state and the evolution of events in the real-world and the virtual world, and the system arranged to generate a response (such as visual or tactile/haptic, or by way of cause and effect) which is experienced or perceived by the one or more users.

Classifications:

International (IPC 8-9): A63F13/21 A63F13/25 A63F13/50 A63F13/65
G01B11/25 G02B27/01 G06F3/01 G06F3/042 G06K9/00 G06T15/50
G06T19/00 (Advanced/Invention)

CPC: A63F13/65 A63F13/21 A63F13/25 A63F13/50 A63F2300/5533
A63F2300/69 G01B11/25 G02B27/017 G06F3/011 G06F1/163
G06F3/013 G06F3/016 G06F3/0346 G02B2027/0134 G02B2027/0138
G02B2027/014 G02B2027/0187



Family:

Publication number	Publication date	Application number	Application date
GB201709199 A0	20170726	GB20170009199	20170609
WO18224847 A2	20181213	WO2018GB51578	20180608
WO18224847 A3	20190110	WO2018GB51578	20180608

Priority:

GB20170009199 20170609

Probable Assignee: DELAMONT DEAN LINDSAY

Assignee(s): (std): DELAMONT DEAN LINDSAY

Inventor(s): (std): DELAMONT DEAN LINDSAY

Agent(s): BARKER BRETTELL LLP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY TD TG TH TJ TM TN TR TT TZ UA UG UY UZ VC VN ZA ZM ZW

2) Family number: 68007579 (US2017372518A)

Title: RELATIONAL RENDERING OF HOLOGRAPHIC OBJECTS

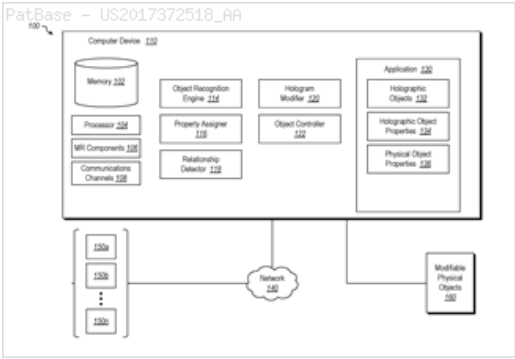
Abstract: Computer systems, methods, and storage media for rendering a holographic object in accordance with a physical relationship between the holographic object and an identified physical object. Virtual properties are assigned to a physical object, and in response to detecting a change to the physical relationship between the holographic object and the physical object, the holographic object is rendered according to a modification defined, at least in part, by the change to the physical relationship and by the properties assigned to the physical object.

Classifications:

Classifications:
International (IPC 8-9): G03H1/00 G03H1/22 G06F16/40 G06F16/50
 G06F17/30 G06F3/01 G06F3/0481 G06T G06T19/00 G09G5/00
 G09G5/36 H04N13/275 (Advanced/Invention);
 G03H1/00 (Advanced/Non-invention);
 G06T (Subclass/Invention)

International (IPC 1-7): G06F17/30

CPC: G06F16/40 G03H1/2249 G03H2001/0061 G03H2226/02
G06T19/006
US: 1/1 345/633



Family:

Publication number	Publication date	Application number	Application date
AU2017280917 AA	20181122	AU20170280917	20170613
BR112018074601 A2	20190319	BR20181174601	20170613
CA3023502 AA	20181106	CA20173023502	20170613
CL2018003614 A1	20190322	CL20180003614	20181214
CN109313652 A	20190205	CN201780036362	20170613
CO20180013672 A2	20181228	CO20180013672	20181217
EP3475841 A1	20190501	EP20170731990	20170613
ID201900585 A	20190125	ID2018P0010655	20170613
IL263753 A0	20190131	IL20170263753	20170613
IN201817045849 A	20190201	IN201817045849	20181204
JP2019527376 T2	20190926	JP20180566435T	20170613
KR20190022693 A	20190306	KR20197002107	20170613
MX2018015622 A1	20190306	MX20180015622	20170613
SG11201810175Y A1	20190130	SG20181110175	20170613
US2017372518 AA	20171228	US20160192543	20160624
US10169918 BB	20190101	US20160192543	20160624
WO17222859 A1	20171228	WO2017US37088	20170613

Priority:

US20160192543 20160624 WO2017US37088 20170613

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC ; MICROSOFT TECH LICENSING LLC

Assignee(s): REHMEYER ERIC SCOTT ; ZAHN JESSICA ; CARLSON PETER W ; ESTERLY JONATHAN ; HOGAN ALEXANDER JAMES

Inventor(s): (std): HOGAN ALEXANDER JAMES ; REHMEYER ERIC SCOTT ; ZAHN JESSICA ; ESTERLY JONATHAN ; CARLSON PETER W ; ERIC SCOTT REHMEYER ; ALEXANDER JAMES HOGAN ; PETER W CARLSON ; JESSICA ZAHN ; JONATHAN ESTERLY

Agent(s): DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; ESTUDIO VILLASECA Y CIA; CMS CAMERON MCKENNA NABARRO OLSWANG LLP; LANNY SETIAWAN MBA MGMT MA LPC MA LMFT; WORKMAN NYDEGGER; MINHAS SANDIP ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 59693660 (WO15101687A1)

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Title: CUSTOMISABLE ELECTRONIC CRYPTOGRAPHIC DEVICE

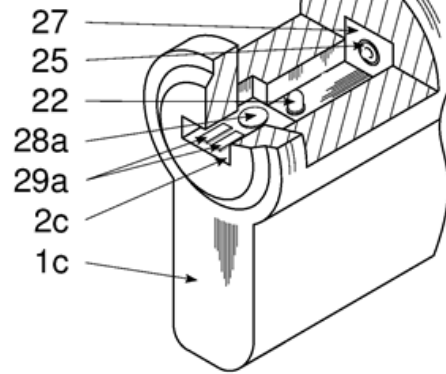
Abstract: The invention relates to a customisable electronic cryptographic device with a variable code, comprising: at least one combinatorial element - image, magnitude, energy, wave, force, movement, property, material, connection, datum, position, orientation, order, rhythm, presence, duration, pulse or interval - which integrates the code; at least one application component - emitter, transmitter, transformer, reproducer, encoder, amplifier, inhibitor or cancelling element, retraction, reflection or decomposition means, projector, device for generating, recording, reconstructing or reproducing three-dimensional or pseudo-three-dimensional images, screen, filter, motor, combinatorial commutator, electromagnet, container or receptacle - which acts as a component for generating or applying said combinatorial element; and at least one operating component acting as a verifier of said combinatorial element - detector, sensor, transducer, scanner, receiver or decoder; the determining parameters in turn being able to set the actuation of the application or operating components.

Classifications:

International (IPC 8-9): H04L9/00 (Advanced/Invention)

CPC: H04L9/00 G07C9/00174 G07C2009/00785 G07C2009/00952

FIGURA 8

**Family:**

Publication number	Publication date	Application number	Application date
WO15101687 A1	20150709	WO2014ES70932	20141218

Priority:

ES20130031934 20131230

Probable Assignee: IGLESIAS ROSADO PEDRO JOSE**Assignee(s):** (std): IGLESIAS ROSADO PEDRO JOSE**Inventor(s):** (std): IGLESIAS ROSADO PEDRO JOSE**Agent(s):** BARTRINA DIAZ JOSE MARIA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 73048894 (US2019107935A)

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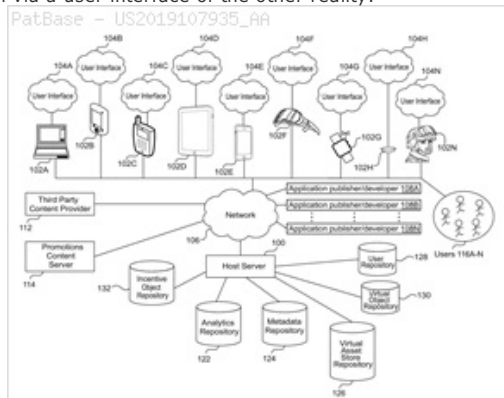
Title: SYSTEMS, METHODS AND APPARATUSES TO FACILITATE PHYSICAL AND NON-PHYSICAL INTERACTION/ACTION/REACTIONS BETWEEN ALTERNATE REALITIES

Abstract: Systems, Methods and Apparatuses to Facilitate Physical and Non-Physical Interaction/Action/Reaction are disclosed. In one aspect, embodiments of the present disclosure include a method, which may be implemented on a system, to generate a mixed reality environment associated with a physical location. The mixed reality environment can include, a photorealistic representation of a physical environment associated with the physical location and/or a virtual world having a virtual object. The virtual object can, in one embodiment, be a portal virtual object is interacted with in the mixed reality environment to traverse into or out of another reality. A human user can be enabled to discover relevant objects in the other reality through physical exploration of the physical location and areas surrounding the physical location and/or digital exploration in the other reality environment through digital navigation via a user interface of the other reality.

Classifications:

International (IPC 8-9): G06F3/01 G06F3/0481 G06F3/0482 G06F3/0488 G06F3/16 G06Q20/12 G06Q30/02 G06Q30/06 G06T13/40 G06T19/00 G06T19/20 (Advanced/Invention)

CPC: G06Q30/02 G06F3/04815 G06F3/017 G06F3/04883 G06F3/011 G06F3/167 G06Q30/0277 G06T19/006 G06Q30/0273 G06Q20/123 G06T13/40 G06F3/0482 H04L67/38 H04M1/72519 G06T19/20

US: 1/1**Family:**

Publication number	Publication date	Application number	Application date
US2019107935 AA	20190411	US20180048195	20180727
US2019108558 AA	20190411	US20180048199	20180727
US2019108682 AA	20190411	US20180048205	20180727
US2019108686 AA	20190411	US20180048190	20180727
WO19023659 A1	20190131	WO2018US44214	20180727

Priority:

US20170537984P 20170728

US20180048190 20180727

US20180048195 20180727

US20180048199 20180727

US20180048205 20180727

Probable Assignee: MAGICAL TECH LLC

Assignee(s): (std): MAGICAL TECH LLC
Assignee(s): MAGICAL TECHNOLOGIES LLC
Inventor(s): (std): SPIVACK NOVA ; FU YENYUN ; HOERL MATTHEW ; PENA ARMANDO
Agent(s): FU YENYUN
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU
ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG
MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC
SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW