

1) Family number: 51954039 (MX2010013636A)

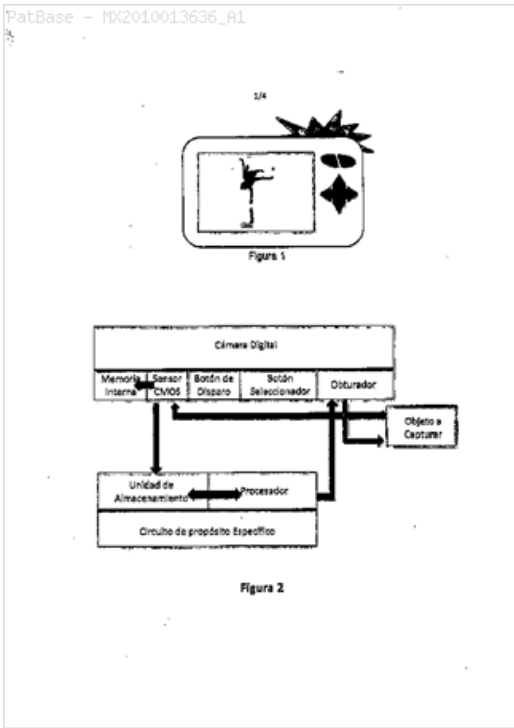
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Title: SYSTEM FOR CAPTURING DIGITAL IMAGES OF OBJECTS IN PARABOLIC MOTION IN THE HIGHEST POINT.

Abstract: THE SYSTEM FOR CAPTURING DIGITAL IMAGES OF OBJECTS IN PARABOLIC MOTION IN THE HIGHEST POINT IS SUPPORTED BY THE ARCHITECTURE OF A DIGITAL CAMERA AND A SPECIFIC PURPOSE CIRCUIT, WHICH ALLOW A PERSON WITHOUT EXPERIENCE IN PHOTOGRAPHY TO CAPTURE IMAGES OF OBJECTS THAT PERFORM PARABOLIC PROJECTILE MOTION, SINCE THE SYSTEM IDENTIFIES THE INSTANT IN WHICH THE OBJECT TO BE PROJECTED IS IN ITS HIGHEST POINT. THIS SYSTEM FOR CAPTURING IMAGES IS INTENDED TO OBTAIN WAITING TIME FOR SENDING AN ELECTRIC SIGNAL TO THE SHUTTER AND CAPTURING THE IMAGE. THE APPLICATION OF THE SYSTEM REQUIRES THE IMPLEMENTATION OF A SPECIFIC PURPOSE CIRCUIT, WHICH MAY PERFORM TASKS SUCH AS THE AREA CALCULATION, CENTROID CALCULATION, VALUES REQUIRED FOR OBTAINING THE WAITING TIME. ONCE THE IMAGE IS CAPTURED, IT IS PROCESSED AND STORED IN AN EXTERNAL MEMORY OF THE DIGITAL CAMERA.

Classifications:

International (IPC 8-9): G06T7/20 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
MX2010013636 A1	20120611	MX20100013636	20101210

Priority:

MX20100013636 20101210

Probable Assignee: ITESM

Assignee(s): (std): ITESM

Assignee(s): INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

Inventor(s): (std): CELAYA CARLOS FERNANDO PFEIFFER ; GUERRERO ALEJANDRO HERNANDEZ ; HERRERA MAURICIO GABRIEL CANTU ; SAMANIEGO NORMA FRIDA ROFFE

Inventor(s): ALEJANDRO HERNANDEZ GUERRERO ; CARLOS FERNANDO PFEIFFER CELAYA ; MAURICIO GABRIEL CANTU HERRERA ; NORMA FRIDA ROFFE SAMANIEGO

2) Family number: 42106448 (US2010178966A)

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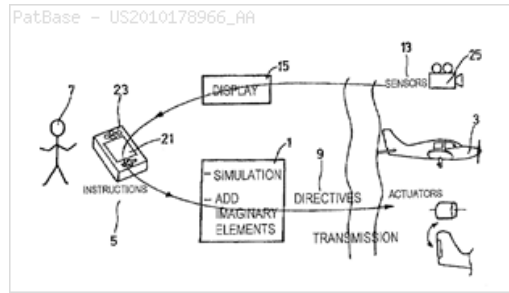
Title: A METHOD OF RECOGNIZING OBJECTS IN A SHOOTER GAME FOR REMOTE-CONTROLLED TOYS

Abstract: The invention relates to a method of recognizing objects for a video shooter game, the system comprising a first remote-controlled vehicle (51) having an on-board video camera (25), a second remote-controlled vehicle (53), and an electronic video display entity serving to remote control the first vehicle (51).

Classifications:

International (IPC 8-9): A63F13/04 A63F13/10 A63F13/12 A63F9/02 A63F9/24 A63H30/04 F41G3/26 (Advanced/Invention);

A63F13/02 A63F13/10 A63F13/12 A63F9/02 A63F9/24 A63H30/00
F41G3/00 (Core/Invention)
CPC: A63H30/04 A63F2300/306 A63F2300/69 A63F2300/8017
A63F2300/8076 A63F13/837 A63F13/211 A63F13/213 A63F13/537
A63F13/573 A63F13/65 A63F13/803 A63F13/10 A63F13/12
European: A63F13/10 A63F13/12 K63F300/30G2 K63F300/69
K63F300/80D K63F300/80S
US: 463/2 463/2P 463/30 463/30S
JP F-Term: 2C001 2C001/AA06 2C001/DA04 2C014 2C084
JP F-Index: A63F13/04 A63F13/53 A63F13/577 A63F13/655 A63F13/803
A63F13/837 A63F9/02/D F41G3/26/B



Family:

Publication number	Publication date	Application number	Application date
EP2125127 A2	20091202	EP20080761879	20080213
FR2912318 A1	20080815	FR20070000998	20070213
FR2912318 B1	20161230	FR20070000998	20070213
JP2010518354 T2	20100527	JP20090549841T	20080213
US2010178966 AA	20100715	US20080526933	20080213
WO08116982 A2	20081002	WO2008FR00180	20080213
WO08116982 A3	20081224	WO2008FR00180	20080213

Priority:

FR20070000998 20070213 WO2008FR00180 20080213

Probable Assignee: PARROT

Assignee(s): (std): PARROT ; PARROT SA ; SEYDOUX HENRI

Assignee(s): PARROT SOC ANONYME ; PARROT SOCIETE ANONYME

Inventor(s): (std): SEYDOUX HENRI

Inventor(s): HENRI SEYDOUX

Agent(s): DUPUIS LATOUR DOMINIQUE; BARDEHLE PAGENBERG; OKABE YUZURU; KATO NOBUAKI; ASAHI NOBUMITSU; HAVERSTOCK AND OWENS LLP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 IS IT JP KE KG KM KN KP KR 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 70604545 (CO20170007264A)

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Title: DISPOSITIVO ELECTRONICO PARA LA ESTIMACION DEL PUNTO DE IMPACTO EN ARMAS DE TIRO PARABOLICO UTILIZADAS EN EL CONTROL DE MULTITUDES Electronic device for estimating the impact point on weapons of parabolic shot used in crowd control (Machine translation)

Abstract: Source: CO20170007264A [ES] La invencion pertenece al campo de la Ingenieria mecanica y balistica aplicada a armas y explosivos, aparatos de mira y punteria para herramientas que permitan mayor efectividad en el uso de los elementos para el control de multitudes, especialmente para fusiles lanza gas, con su propio mecanismo electronico para la estimacion del punto de impacto en armas de tiro parabolico utilizadas para el control de multitudes con comunicacion electronica efectiva entre un dispositivo ruteador ubicado en el fusil no letal y el dispositivo coordinador ubicado en el antebrazo del protector corporal del operador con capacidad para medir la distancia a traves de distanciometro, y la inclinacion de 0 degrees a 45 degrees por medio de un componente electronico llamado giroscopio **Machine translation:** The invention belongs to the field of mechanical engineering and ballistics applied to weapons and explosives, and aim to tools that allow greater effectiveness in the use of the elements for crowd control, especially for gas lance rifles, with its own electronic mechanism for the estimation of the impact point on weapons of parabolic shot used for crowd control with electronic communication between a router device located in the non-lethal gun and the device coordinator located in the forearm of the body protector with capacidad operator to measure distance through distance meter, and the inclination of 0 degrees to 45 degrees by means of an electronic component called gyroscope

Classifications:

International (IPC 8-9): F41G1/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO20170007264 A1	20180719	CO20170007264	20170719

Priority:

CO20170007264 20170719

Probable Assignee: DIRECCION NAC DE ESCUELAS DE LA POLICIA NAC DE COLOMBIA

Assignee(s): (std): DIRECCION NAC DE ESCUELAS DE LA POLICIA NAC DE COLOMBIA

Assignee(s): DIRECCION NACIONAL DE ESCUELAS DE LA POLICIA NACIONAL DE COLOMBIA

Inventor(s): (std): GOMEZ REYES EVER YOVANNI ; GUERRERO LOPEZ JORGE LEONARDO ; HERNANDEZ BARRIOS JAIR ; APACHE AYALA WILLIAM LEONARDO ; BERNAL FERREIRA LUIS FERNANDO ; CAMACHO RODRIGUEZ JHON HENRY ; CARRILLO HUERTAS EDISON FELIPE

Inventor(s): EDISON FELIPE CARRILLO HUERTAS ; EVER YOVANNI GOMEZ REYES ; JAIR HERNANDEZ BARRIOS ; JHON HENRY CAMACHO RODRIGUEZ ; JORGE LEONARDO GUERRERO LOPEZ ; LUIS FERNANDO BERNAL FERREIRA ; WILLIAM LEONARDO APACHE AYALA

Agent(s): JOHAN SEBASTIAN GOMEZ VILLA

Title: TELESCOPIC SIGHT

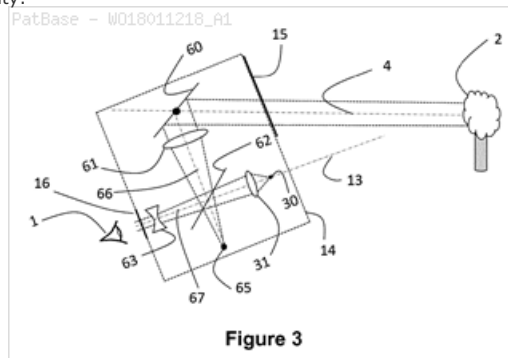
Abstract: The present invention relates to a telescopic sight for a firearm for firing in a downward arc comprising: - a first movable mirror defining a first optical axis, the angle of said first movable mirror being adjustable so as to transmit, during use, the image of a target at an angle of 90 degrees -a with respect to the axis of the barrel of the firearm, a being the desired angle of elevation for a given shot; - an objective lens, on the first optical axis; - a second mirror at 45 degrees with respect to the first optical axis, defining a second optical axis that is parallel to the axis of the barrel of the firearm; - an ocular lens on the optical pathway defined by the mirrors projecting the image of the target to infinity.

Classifications:

International (IPC 8-9): F41G F41G1/38 F41G1/40 F41G1/48 F41G1/50 G02B23/14 (Advanced/Invention); F41G (Subclass/Invention)

International (IPC 1-7): F41G1/38 F41G1/40 F41G1/48 F41G1/50

CPC: F41G1/38 F41G1/40 F41G1/48 F41G1/50

**Family:**

Publication number	Publication date	Application number	Application date
AU2017297739 AA	20190117	AU20170297739	20170711
BE1024404 AB	20180207	BE20160005595	20160715
BE1024404 BB	20180214	BE20160005595	20160715
BR112019000559 A2	20190521	BR20191100559	20170711
EP3485221 A1	20190522	EP20170739247	20170711
IL264004 A0	20190131	IL20170264004	20170711
JP2019523386 T2	20190822	JP20190523173T	20170711
KR20190039510 A	20190412	KR20197003863	20170711
SG11201811076Y A1	20190130	SG20181111076	20170711
WO18011218 A1	20180118	WO2017EP67428	20170711

Priority:

BE20160005595 20160715 WO2017EP67428 20170711

Probable Assignee: FN HERSTAL S A

Assignee(s): (std): FN HERSTAL S A ; FN HERSTAL SA

Inventor(s): (std): HUGUES LIBOTTE ; LIBOTTE HUGUES

Agent(s): SPRUSON AND FERGUSON; PRONOVEM

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

Title: RED DOT SIGHT

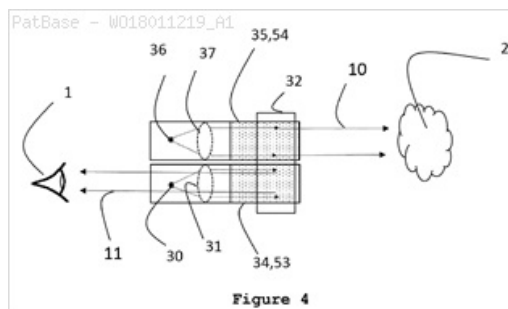
Abstract: The present invention relates to a movable red dot sight comprising a fixed first light source (30) and a first reflective plate (34, 53), the light source generating a collimated first light beam that is projected onto the reflective plate (34, 53) in order to create a red dot or reticle that may be seen by the shooter via reflection from the reflective plate (34, 53), and the first beam being projected onto the reflective plate (34, 53) by way of a rotary mirror (32) the angle of inclination of which with respect to the first light beam is adjustable.

Classifications:

International (IPC 8-9): F41G F41G1/30 F41G1/34 F41G1/35 F41G1/38 F41G1/48 G02B23/14 (Advanced/Invention); F41G1/48 (Advanced/Non-invention); F41G (Subclass/Invention)

International (IPC 1-7): F41G1/30 F41G1/35 F41G1/48

CPC: F41G1/30 F41G1/35 F41G1/48 F41G1/38

**Family:**

Publication number	Publication date	Application number	Application date
AU2017297740 AA	20190103	AU20170297740	20170711
AU2017297742 AA	20190103	AU20170297742	20170711
BE1024403 AB	20180207	BE20160005594	20160715
BE1024403 BB	20180214	BE20160005594	20160715
BR112019000556 A2	20190521	BR20191100556	20170711
BR112019000563 A2	20190521	BR20191100563	20170711
EP3485218 A1	20190522	EP20170739248	20170711
EP3485219 A1	20190522	EP20170739250	20170711
IL264018 A0	20190131	IL20170264018	20170711
IL264026 A0	20190131	IL20170264026	20170711
JP2019523387 T2	20190822	JP20190523174T	20170711
JP2019523388 T2	20190822	JP20190523176T	20170711
KR20190039508 A	20190412	KR20197003846	20170711
KR20190039511 A	20190412	KR20197003912	20170711
SG11201811134V A1	20190130	SG20181111134	20170711
SG11201811194R A1	20190130	SG20181111194	20170711
WO18011219 A1	20180118	WO2017EP67429	20170711
WO18011221 A1	20180118	WO2017EP67432	20170711

Priority:

BE20160005594 20160715 WO2017EP67429 20170711 WO2017EP67432 20170711

Probable Assignee: FN HERSTAL S A

Assignee(s): (std): FN HERSTAL S A ; FN HERSTAL SA

Inventor(s): (std): LIBOTTE HUGUES ; VERJANS KRISTOF ; HUGUES LIBOTTE ; KRISTOF VERJANS

Agent(s): SPRUSON AND FERGUSON; PRONOVEM

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

6) Family number: 61839862 (ES2562715B)

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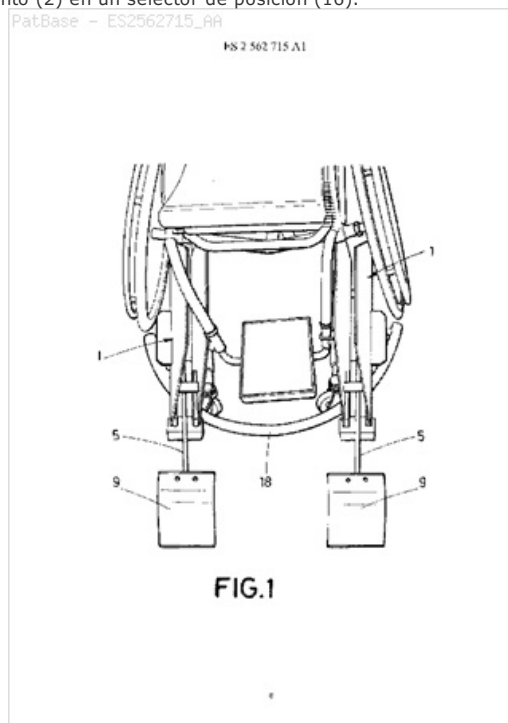
Title: DISPOSITIVO IMPULSOR DE BALON EN SILLA DE RUEDAS

Abstract: Source: ES2562715B [ES] Dispositivo impulsor de balon en silla de ruedas que comprende al menos un mecanismo (1) en el que una palanca de accionamiento (2) comprime o expande un elemento elastico (4) al cual se vincula mediante un mecanismo de transmision (3); dicho elemento elastico (4) desplaza a su vez un elemento impulsor (5) vinculado solidariamente a un soporte de empuje (9) que golpea a un balon (10). El elemento impulsor (5) comprende adicionalmente un rodillo (14) que se desplaza en una guia (11) con un tramo rectilineo (12), dando lugar a un tiro horizontal, y un tramo curvado (13), originando un tiro parabolico. El posicionamiento el elemento impulsor (5) en un tramo u otro de la guia (11), y en consecuencia el tipo de tiro obtenido, esta gobernado por la posicion de la palanca de accionamiento (2) en un selector de posicion (16).

Classifications:

International (IPC 8-9): A61G5/10 A63B71/00 (Advanced/Invention)

CPC: A63B71/0009 A61G5/10



Family:

Publication number	Publication date	Application number	Application date
ES2562715 AA	20160307	ES20150031712	20151125

Priority:

ES20150031712 20151125

Probable Assignee: UNIV POLITECNICA DE VALENCIA**Assignee(s):** (std): UNIV POLITECNICA DE VALENCIA**Assignee(s):** UNIVERSITAT POLITECNICA DE VALENCIA**Inventor(s):** (std): CARCEL CARRASCO FRANCISCO JAVIER ; PASCUAL GUILLAMON MANUEL ; PASCUAL MARTINEZ RAFAEL**Inventor(s):** RAFAEL PASCUAL MARTINEZ ; FRANCISCO JAVIER CARCEL CARRASCO ; MANUEL PASCUAL GUILLAMON**Agent(s):** PONS ANGEL