

Search history

Search 1: [SP]: Device for reading an identification code on a moving glass sheet (Results 500)
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Search 5: computer (Results 1000000)
Search 6: 4 and 5 (Results 615)
Search 7: process* (Results 1000000)
Search 8: 6 and 7 (Results 499)
Search 9: glass (Results 1000000)
Search 10: 8 and 9 (Results 142)
Search 11: dark* (Results 151612)
Search 12: 10 and 11 (Results 39)

1) Family number: 2940005 (US4736203A)

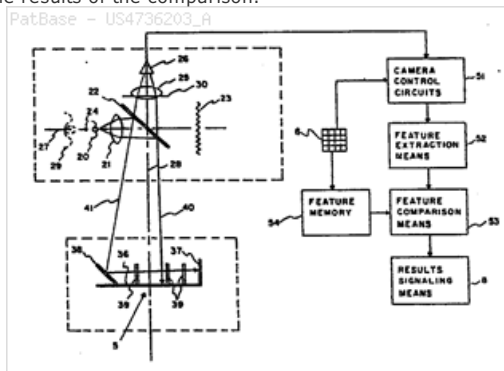
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Title: 3D hand profile identification apparatus

Abstract: Source: US4736203A An identification system is disclosed which determines whether the claimed identity of an individual is in fact the true identity. A three dimensional image of a hand is obtained using a digitizing camera and a pair of orthogonal reflecting surfaces. The image is then compared with a previously recorded hand image for the claimed identity. If the images match, within a selectable tolerance, the person is accepted as the correct individual. If they do not match, the person is rejected. Signalling and/or control apparatus responds to the results of the comparison.

Classifications:

International (IPC 8-9): G06K17/00 G06K9/00 G06T7/00
G07C9/00 (Advanced/Invention);
G06K17/00 G06K9/00 G06T7/00 G07C9/00 (Core/Invention)
International (IPC 1-7): F16H29/08 G06F15/30 G06F19/00
G06K17/00 G06K9/00 G06T7/00 G07C9/00 H04Q1/00
CPC: G06K9/00382 G06K9/00362 G07C9/00158
European: G06K9/00H G06K9/00H2B G07C9/00C2D
US: 340/5.53 340/5.83 340/825.34 382/115



Family:

Publication number	Publication date	Application number	Application date
AT69323 E	19911115	AT19860305279T	19860708
DE3682338 D1	19911212	DE19863682338	19860708
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EP0209317 A3	19870902	EP19860305279	19860708
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JP2551938 B2	19961106	JP19860168992	19860717
JP62058380 A2	19870314	JP19860168992	19860717
US4736203 A	19880405	US19850756390	19850717

Priority:

EP19860305279 19860708 EP19860305279 19860708 US19850756390 19850717

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Assignee(s): BARCLAYS BUSINESS CREDIT INC ; FLEET CAPITAL CORP ; HOECHST MARION ROUSSEL ; RECOGNITION SYSTEMS INC ; RECOGNITION SYSTEMS INC SANTA CLARA CALIF US ; SHAWMUT CAPITAL CORP ; REKOGUNISHON SHISUTEMUZU INC

Inventor(s): (std): SIDLAUSKAS DAVID P ; DEIBUITSUDO PII SHIDOROOSUKASU

Inventor(s): DEUITSUDO PII SHIDOROOSUKASU ; SIDLAUSKAS DAVID P SAN JOSE CALIFORNIA 95129 US

Designated states: AT BE DE FR GB IT NL SE

2) Family number: 28639754 (US2002005888A)

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Abstract: Source: US2002005888A In the information recording an reproducing method and apparatus according to the present invention, a piece of picture image information is recorded as an analog quantity or a digital quantity an information carrying medium in a planar manner at a high density, charge potential is read for outputting electric signals to correspond to the recorded picture image information and then the outputted signals are printed out by means of various display unit or output device, with high quality and high resolution as well as ease processing of the information. The information carrying medium provides a long period of storage of information and enables stored picture image information to be repeatedly reproduced with a picture quality according to need. Particularly, it is, according to the present invention, possible to read and output local potential of an information carrying medium with predetermined scanning density at a desired time, and so pictures of high quality may be output as a silver salt photograph is taken and reproduced by optically scanning the film. Thus, the present invention may be applied to a wide field including photographing, copying and printing.

Classifications:

International (ipc 8-9): B41J2/325 B42D15/10 G03B17/00 G03B17/26 G03B27/32 G03B31/00 G03B42/02 G03F1/00 G03F3/08 G03G13/26 G03G15/00 G03G15/01 G03G15/04 G03G15/05 G03G15/18 G03G15/22 G03G15/34 G03G16/00 G03G17/00 G03G21/00 G03G21/06 G03G5/00 G03G5/02 G03G5/022 G03H1/00 G06F3/16 G06K15/12 G06K19/06 G06K19/08 G06K19/10 G06T1/00 G09F3/00 G09F3/02 G11B11/00 G11B11/08 G11B25/04 G11B7/00 G11B7/0045 G11B7/125 G11B7/24 G11B9/00 G11B9/08 G11B9/10 H01L31/08 H01L31/14 H04N1/00 H04N1/028 H04N1/04 H04N1/21 H04N1/29 H04N1/46 H04N1/48 H04N5/225 H04N5/30 H04N5/335 H04N5/369 H04N5/378 H04N5/80 (Advanced/Invention); G11B5/00 G11B7/004 (Advanced/Non-invention); B41J2/325 B42D15/10 G03B17/26 G03B27/32 G03B31/00 G03B42/02 G03F1/00 G03F3/00 G03G13/26 G03G15/00 G03G15/01 G03G15/05 G03G15/18 G03G16/00 G03G21/00 G03G21/06 G03G5/00 G03G5/02 G03H1/00 G06F3/16 G06K19/06 G09F3/00 G11B9/00 H01L31/08 H01L31/14 H04N1/00 H04N1/04 H04N1/21 H04N1/29 H04N1/46 H04N1/48 H04N5/225 H04N5/30 H04N5/80 (Core/Invention)

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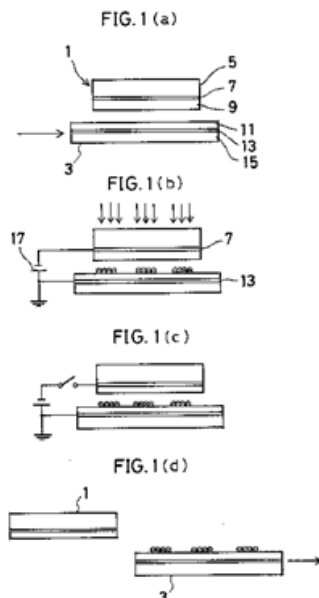
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Patent Application Publication Jan. 17, 2002 Sheet 1 of 61 US 2002/005888 A1



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Priority:

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Agent(s): REINHOLD COHN AND PARTNERS

Designated states: CH DE ES FR GB IT LI NL SE

3) Family number: 30479779 (US2001029618A)

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Title: Transgenic maize with increased mannitol content

Abstract: Source: US2001029618A The present invention provides a method for conferring tolerance or resistance to water or salt stress in a monocot plant, and/or altering the osmoprotectant content of a monocot plant, by introducing a preselected DNA segment into the plant. This invention also relates to the transformed cells and seeds, and to the fertile plants grown from the transformed cells and to their pollen.

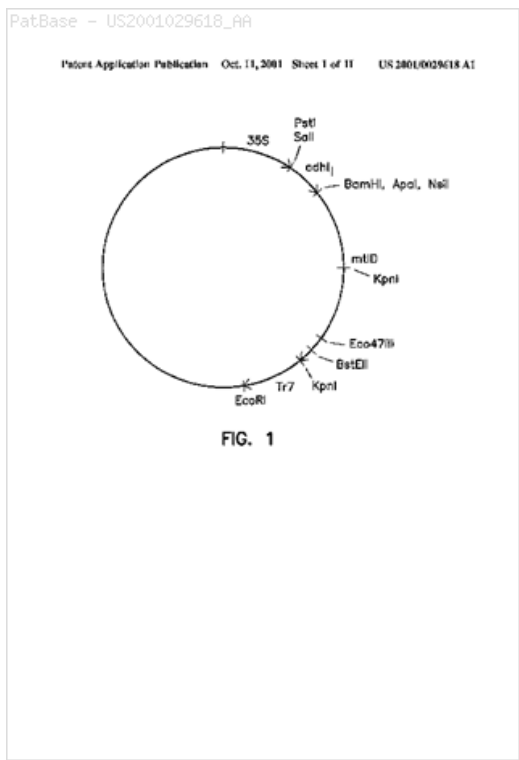
Classifications:

International (IPC 8-9): A01H1/00 A01H4/00 A01H5/00 A01H5/10 C07H21/04 C07K14/41 C07K14/415 C12N1/20 C12N15/05 C12N15/09 C12N15/11 C12N15/29 C12N15/52 C12N15/53 C12N15/60 C12N15/64 C12N15/66 C12N15/82 C12N15/87 C12N5/00 C12N5/04 C12N5/10 C12N9/04 C12N9/88 (Advanced/Invention); A01H1/00 A01H5/00 C12N15/09 C12N15/29 C12N15/53 C12N15/60 C12N5/10 C12P13/22 C12P7/64 C12R1/91 (Advanced/Non-invention); C07K14/41 C12N15/82 C12N5/10 (Core/Invention)

International (IPC 1-7): A01H1/00 A01H1/06 A01H4/00 A01H5/00 A01H5/10 A01N31/02 C07H21/04 C12N1/14 C12N1/20 C12N13/00 C12N15/00 C12N15/05 C12N15/09 C12N15/11 C12N15/29 C12N15/52 C12N15/53 C12N15/60 C12N15/64 C12N15/82 C12N15/87 C12N5/00 C12N5/00 C12N5/04 C12N5/10 C12N9/04 C12N9/10 C12N9/88 C12P13/22

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Family:

Publication number	Publication date	Application number	Application date
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AU19940077169	19940824	AU19980056404	19980302	EP19900912722	19900808
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Probable Assignee: MONSANTO TECHNOLOGY LLC

Assignee(s): (std): CHOMET PAUL S ; DAINES RICHARD J ; DEKALAB GENETICS CORP ; DEKALB GENETICS CORP ; DEKALB PLANT GENETICS ; GRIFFOR MATTHEW C ; KRIZ ALAN L ; GORDON KAMM WILLIAM ; KAUSCH ALBERT P ; DEKALB GENETIC CORP ; DEKALB PLANT GENETICS US ; ADAMS THOMAS R ; ANDERSON PAUL C ; DEKALB GENETICS CORP DEKALB ; MANN MICHAEL T ; ORR PETER M ; WARNER DAVID C

Assignee(s): MONSANTO TECHNOLOGY LLC ; LEMAUX PEGGY G ; KRUEGER ROGER W ; RICE THOMAS B ; SPENCER T MICHAEL ; MANGANO MARY L ; WILLETTS NANCY ; MACKEY CATHERINE J ; START WILLIAM G ; O BRIEN JAMES V ; STEPHENS MICHAEL A ; OROZCO EMIL M JR ; DEKALB GENETICS CORP DEKALB ILL US ; GORDON KAMM WILLIAM J ; CHAMBERS SHERYL A ; ADAMS WHITNEY R JR ; DEKALB GENETICS COPORATION ; DEKALB GENETICS DEKALB ILLINOIS CORP

Inventor(s): (std): ADAMS THOMAS ; ADAMS WHITNEY ; ALAN L KRIZ ; ALBERT P KAUSCH ; DAINES RICHARD ; DAVID C WARNER ; EMIL M J R OROZCO ; EMIL M OROZCO JR ; GORDON KAMME WILLIAM J ; LEMAUX PEGGY ; MACKEY CATHERINE ; MANGANO MARY ; MARY L MANGANO ; MATTHEW C GRIFFOR ; MICHAEL A STEPHENS ; MICHAEL T MANN ; NANCY WILLETTTS ; WILLETTTS NANCY US ; WILLIAM G START ; WILLIAM GORDON KAMM ; WILLIAM J GORDON KAMM ; WILLIAM J GORDON KAMME ; ZACHWIEJA SUSAN J ; WILLETTTS NANCY G ; WILLETTTS NANCY ; WARNER DAVID C ; WALTERS DONALD S ; WALTERS DAVID A ; VETSCH CLAYTON S ; STEPHENS MICHAEL A ; START WILLIAM G ; SPENCER T MICHAEL ; SPENCER MICHAEL T ; RICE THOMAS B ; ORR PETER M ; ORR PETER ; OROZCO EMIL M JR ; OROZCO EMIL M J R ; OROZCO EMIL M ; O BRIEN JAMES V ; PAUL C ANDERSON ; PAUL S CHOMET ; PEGGY G LEMAUX ; PETER M ORR ; RICHARD J DAINES ; ROGER W KRUEGER ; SHERYL A CHAMBERS ; START WILLIAM ; T MICHAEL SPENCER ; THOMAS B RICE ; THOMAS R ADAMS ; THOMAS R DAMS ; WHITNEY R ADAMS JR ; JAMES V O BRIEN ; JRADAMS WHITNEY R ; KAUSCH ALBERT ; CATHERINE J MACKEY ; O BRIAN JAMES V ; GRIFFORD MATTHEW C ; GRIFFOR NETTHEW C ; GRIFFOR MATTHEW C ; GORDON KAMM WILLIAM J ; GORDON KAMM WILLIAM ; GLASSMAN KIMBERLY ; FLICK CHRISTOPHER E ; DAMS THOMAS R ; DAINES RICHARD J ; CHOMET PAUL S ; CHAMBERS SHERYL A ; ANDERSON PAUL C ; ADAMS WHITNEY RJR ; ADAMS WHITNEY R JR ; ADAMS WHITNEY R ; ADAMS THOMAS R ; SPENCER T ; RICE THOMAS ; O BRIEN JAMES ; KRUEGER ROGER ; CHAMBERS SHERYL ; MUMM RITA HOGAN ; MANN MICHAEL T ; MANGANO MAY L ; MANGANO MARY LOU ; MANGANO MARY L ; MACKEY CATHERINE J ; MACKEY CATHERINE J ; LEMAUX PEGGY G ; LACCETTI LUCILLE B ; KRUEGER ROGER W ; KRIZ ALAN L ; KAUSCH ALBERT P

Inventor(s): JR ADAMS WHITNEY R ; EMIL M OROZCO ; NETTHEW C GRIFFOR ; CHOMET PAUL ; KRIZ ALAN ; WILLETTTS NANCY NIANTIC CT 06357 US ; O BRIAN JAMES V US ; O BRIEN JAMES V MYSTIC CT 06355 US ; O'BRIEN JAMES V ; GRIFFOR MATTHEW ; ANDERSON PAUL

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; PHILLIPS ORMONDE FITZPATRICK; BERESKIN AND PARR LLP SENCRL SRL; GOWLING LAFLEUR HENDERSON LLP; HELBING JOERG; MONSANTO COMPANY; MONSANTO CO; SONNENSCHN NATH AND ROSENTHAL LLP; BYRON V

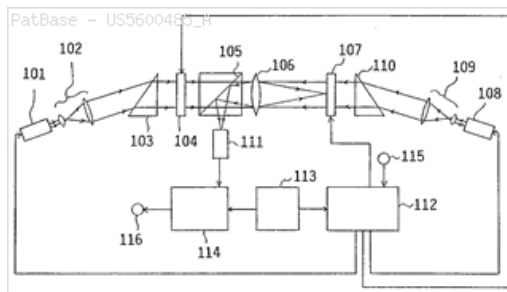
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Title: Optical pattern recognition system method of ferroelectric liquid crystal spatial light modulator

Abstract: Source: US5600485A An high-speed, high-resolution optical pattern recognition system which automatically recognizes or measures a specified pattern from two-dimensional images comprises an image display device for displaying at least one reference image including at least one target and at least one input image, a device including a laser diode having an oscillation wavelength less than 900 nm for converting the at least one reference image and the at least one input image into a coherent image, a Fourier transform lens for optically Fourier transforming the coherent image to produce a joint Fourier-transformed image, an optically addressed ferroelectric liquid crystal spatial light modulator having no light reflection layer, a device for converting the joint Fourier-transformed image into an intensity distribution image and displaying the intensity distribution image on the optically addressed spatial light modulator, and a device including a laser diode having an oscillation wavelength longer than 660 nm for reading the intensity distribution image displayed on the optically addressed spatial light modulator. The Fourier transform lens also Fourier transforms the intensity distribution image to produce a two-dimensional correlation image distribution of the reference image and the input image and a detector detects the correlation peak intensity of the reference image and the input image contained in the correlation image distribution and outputs a corresponding electrical signal.

Classifications:

International (ipc 8-9): G02F1/13 G02F1/133 G02F1/135 G02F3/00 G06E3/00 G06K9/74 G06T7/00 G09G3/18 G09G3/36 (Advanced/Invention); G09G3/20 (Advanced/Non-invention); G02F3/00 G06T7/00 G09G3/18 (Core/Invention)
International (ipc 1-7): G02B27/46 G02F1/13 G02F1/133 G02F1/135 G06F15/70 G06F17/15 G06K9/64 G06K9/74 G09G3/18
CPC: G02F1/135 G06E3/005 G06K9/748 G09G3/2007 G09G3/2011 G09G3/3651 G09G2310/061 G09G2310/065
European: G02F1/135 G06E3/00A2 G06K9/74 G06K9/74S G09G3/36C8B S09G3/20G S09G3/20G2 S09G310/06B S09G310/06D
US: 359/561 382/211



Family:

Publication number	Publication date	Application number	Application date
DE69229843 D1	19990930	DE19926029843	19920416
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Priority:

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US19920870133 19920415

Probable Assignee: SEIKO INSTR INC

Assignee(s): (std): SEIKO INSTR INC ; SUMITOMO CEMENT CO ; SUMITOMO OSAKA SEMENTO KK

Assignee(s): SUMITOMO CEMENT CO LTD ; SEIKO INSTRUMENTS INC ; SEIKO INSTRUMENTS INC TOKIO TOKYO

Inventor(s): (std): IWAKI TADAO ; MITSUOKA YASUYUKI

Designated states: DE FR GB

5) Family number: 30113685 (US2001055422A)

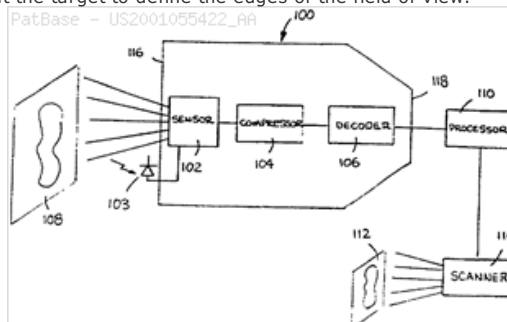
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Title: SYSTEM FOR READING TWO-DIMENSIONAL IMAGES USING AMBIENT AND/OR PROJECTED LIGHT

Abstract: Source: US2001055422A A system for reading a two-dimensional image, and for comparing the two-dimensional image to stored data representative of a known image. The optical scanning device comprises a sensor for capturing the two-dimensional image, which sensor includes a light source for projecting an emitted light towards the two-dimensional image and an optical assembly for focussing light, which may be ambient and or emitted light from the light source, reflected from the framed two-dimensional image onto a CMOS or CCD detector for detecting the focussed light, the detector including a photodiode array for sensing the focussed light and generating a signal therefrom. Aiming of the sensor to read the two-dimensional image is facilitated by a frame locator consisting of a laser diode which emits a beam that is modified by optics, including diffractive optics, to divide the beam into beamlets which having a spacing therebetween that expands to match the dimensions of the field of view of the sensor, forming points of light at the target to define the edges of the field of view.

Classifications:

International (ipc 8-9): A63B23/02 G02B26/08 G02B26/10 G02B6/32 G03F7/20 G06K7/10 G06K7/12 G06K7/14 G06K9/62 G06T1/00 G06T5/00 G06T7/00 H01J3/14 H01L21/60 H04N1/04 H04N1/23 H04N1/40 H04N1/41 H04N5/225 (Advanced/Invention); G06T1/00 H04N5/225 (Advanced/Non-invention); A63B23/00 G06K7/10 G06K9/62 G06T1/00 G06T7/00 H04N1/23 H04N5/225 (Core/Invention); G06K7/10 H04N1/04 (Core/Non-invention)
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European: G02B26/10B G03F7/70L2B G06K7/10S G06K7/10S4D G06K7/10S4D2 G06K7/10S4D4 G06K7/10S8B2 G06K7/10S9C G06K7/10S9D G06K7/10S9G G06K7/10S9V G06K7/12 G06K7/14 G06K7/14A6E G06T7/00 H04N1/23B S06K207/101C
US: 235/454 235/454P 235/455 235/462 235/462.01 235/462.010P 235/462.07 235/462.11 235/462.21 235/462.22 235/462.25 235/462.32 235/462.35 235/462.41 235/462.42 235/462.45 235/472 235/472.01 356/388 356/388P 359/196.1 382/181 382/181P 382/199 382/199P 382/206 382/206S 382/324



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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WO1998US26056	19981208				

Probable Assignee: SYMBOL TECHNOLOGIES INC

Assignee(s): (std): ALEXANDER R ROUSTAEI ; PRIDDY DENNIS G ; ROUSTAEI ALEX ; SYMAGERY MICROSYSTEMS INC ; ROUSTAEI ALEXANDER R ; SEMICONDUCTOR INSIGHTS INC ; ROUSTAEI ALEXANDER ; SYMBOL

Assignee(s): TECHNOLOGIES INC ; SYMBOL ; XIAO KEVIN ; XIA WENJI
PSION SYSTEMS INC ; SYMBOL TECHNOLOGIES LLC ; SYMBOL TECHNOLOGIES LLC ND GES D
STAATES DELAWARE HOLTSVILLE ; SPECTRAGRAPHICS CORP ; SCANQUEST CORP ; TACO BELL CORP
; TECHNOLOGIES INC ; PSION TEKLOGIX SYSTEMS INC ; PSION INC ; AIDUS FINANCE CORP ; ALEX
ROUSTAEI ; ALEXANDER R ROUSTAEIFR ; JPMORGAN CHASE BANK NA ; MORGAN STANLEY SENIOR
FUNDING INC COLLATERAL AGENT AS ; ORISAR INC

Inventor(s): (std): ALEX ROUSTAEI ; ALEXANDER R ROUSTAEI ; BIAN LONG XIANG ; LAWRENCE ROLAND L ; LEBASCHI
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; XIAO KEVIN ; ROUSTAEI ALEX ; FISHER DONALD

Inventor(s): KEVIN XIAO ; WENJI XIA ; DENNIS G PRIDDY

Agent(s): KIRBY EADES GALE BAKER; GOWLING LAFLEUR HENDERSON LLP; MAIWALD
PATENTANWALTSGESELLSCHAFT MBH; MAIWALD PATENTANWALTS GMBH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK
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SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

6) Family number: 28313564 (US2002017985A) © PatBase

Title: VEHICLE CAMERA DISPLAY SYSTEM

Abstract: Source: US2002017985A A vision system for a vehicle is provided that comprises a vehicle equipped with an image capture device. The image capture device captures an image external of the vehicle. A display screen viewable by an occupant of the vehicle is also provided and a control electronically generates indicia that are displayed on the screen. The image external the vehicle and the indicia are simultaneously displayed on the screen so as to be simultaneously viewable by the occupant of the vehicle. Preferably, the indicia generated on the screen are related to a function of the vehicle that is not associated with the image external the vehicle displayed on the screen.

Classifications:

International (IPC 8-9): B60N2/00 B60Q1/00 B60Q1/02 B60Q1/04
B60Q1/08 B60Q1/12 B60Q1/14 B60Q1/18 B60Q1/20 B60Q1/26
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B60W10/184 B60W10/30 B60W30/09 G01B11/02 G01J1/32 G01J1/42
G02B17/00 G02B5/08 G02B5/124 G05D1/02 G06F7/00 G06K9/00
G06K9/20 G06K9/62 G06T7/00 G08G1/00 G08G1/017 H01L27/00
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H05B37/02 (Advanced/Invention);
B60R1/12 B60R11/00 B60R21/01 B60R21/015 G02F1/35
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International (IPC 1-7): B60Q1/00 B60Q1/02 B60Q1/14 B60R1/04
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250/227.25 250/227.250S 250/573 250/574 315/149 315/77 315/82 315/82P 318/444 318/DIG.2 34/84.2 34/84.7 340/345
340/425.5 340/425.500S 340/435 340/435P 340/435S 340/436 340/436P 340/438 340/438P 340/439 340/458 340/461
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Probable Assignee: MAGNA ELECTRONICS INC

Assignee(s): (std): DONNELLY CORP ; DONNELLY CORP A CORP OF ST ; SCHOFIELD KENNETH ; LARSON MARK L ; LYNAM NIAL R ; VADAS KEITH ; LARSON MARK ; VADAS KEITH J ; BOS BRENT J ; MAGNA MIRRORS OF AMERICA INC ; MAGNA ELECTRONICS INC ; DONNELLY CORP STATE MICHIGAN

Assignee(s): DONNELLY CORP HOLLAND ; DONNELLY CORP HOLLAND MICH US ; AT AND T CORP ; AT AND T IPM CORP ; CHASE MANHATTAN BANK COLLATERAL AGENT AS ; DONNELLY A OF MICHIGAN CORP ; DONNELLY A OF STATE OF CORP ; DONNELLY A OF STATE OF MICHIGAN CORP ; T CORP ; MAGNA DONNELLY CORP

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Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

7) Family number: 10637837 (US5712732A)

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Title: Autostereoscopic image display adjustable for observer location and distance

Abstract: Source: US5712732A PCT No. PCT/GB94/00405 Sec. 371 Date Aug. 29, 1995 Sec. 102(e) Date Aug. 29, 1995 PCT Filed Mar. 2, 1994 PCT Pub. No. WO92/20875 PCT Pub. Date Sep. 15, 1994Apparatus and method for the alignment of images in which, typically, two perspective views are provided. The observer's head location is detected and each of the views is presented to the respectively correct eye to provide a stereoscopic image. A retro-reflective marker worn by the observer removes the need for the observer to wear special viewing devices, whilst providing an infrared imaging system with a way to locate the observer's head. Image content may be driven by the observer's viewpoint. The two perspectives may be presented simultaneously using conventional display elements. A tapered lenticular structure provides a way to adapt to changes in the observer's distance from the display. Alternatively, each perspective image may be rapidly sequenced, either as two complete single images, or a sequence of suitably arranged compositions of the two. The infrared source used in the head tracking apparatus is modulated to aid image processing. The modulated source may also be used to synchronize a stereoscopic viewing device, switching views on a field sequential basis. Inter alia, the invention has applications in minimally invasive surgery, remote handling, virtual reality, teleconferencing and computer aided design and visualization.

Classifications:

International (ipc 8-9): G02B27/00 G02B27/22 G02B5/32
G09F19/12 H04N13/00 H04N13/04 (Advanced/Invention);
G09F19/12 H04N13/04 (Advanced/Non-invention);
G02B27/00 G02B27/22 G02B5/32 G09F19/12 H04N13/00
H04N13/04 (Core/Invention)

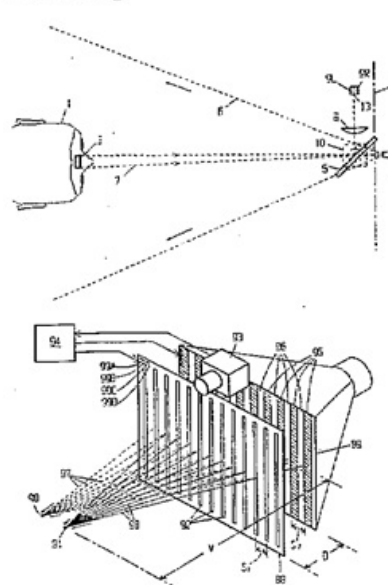
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CPC: H04N13/0059 H04N13/0203 H04N13/0289 H04N13/0418
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European: G02B27/00T G02B27/22L G02B5/32 H04N13/04A1
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Probable Assignee: BRIGHTAD LTD

Assignee(s): (std): SOLID VISION LIMITED ; STREET ; STREET GRAHAM S B ; STREET GRAHAM STEWART BRANDON ; STREET GRAHAM STEWART B ; BRIGHTAD LTD

Assignee(s): GRAHAM STEWART BRANDON STREET ; BRIGHTAD LIMITED

Inventor(s): (std): STREET GRAHAM S B ; STREET GRAHAM STEWART B ; STREET GRAHAM STEWART BRANDON ; STEWART GRAHAM

Inventor(s): STREET ; GRAHAM STEWART BRANDON STREET ; GRAHAM STEWART

Designated states: AT AU BE CH CN DE DK ES FI FR GB GR IE IT JP LU MC NL PT RU SE US

8) Family number: 30127763 (US6001510A)

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Title: Method for producing laser hologram anti-counterfeit mark with identifying card and inspecting card and inspecting apparatus for the mark

Abstract: Source: US6001510A PCT No. PCT/CN95/00063 Sec. 371 Date Feb. 2, 1998 Sec. 102(e) Date Feb. 2, 1998 PCT Filed Aug. 15, 1995 PCT Pub. No. WO96/05540 PCT Pub. Date Feb. 22, 1996The present invention provides a method for producing double-card anti-counterfeit marks with interlock protection based on the technique which combines nuclear technology with computer-generated hologram (CGH) technology and inspecting apparatus for the mark. The invention relates to the technical field of optical information processing in physics. The technical feature of the invention is to insert potential images R,T and matched potential images R',T' in the anti-counterfeit identification marks and in the inspecting identification marks respectively by means of charged particle track image in sampling coincidence with CGH. When R coincides with R', a certain message of genuineness for an identification mark will be shown, and when T coincides with T', different specific information in thousands of ways appears to prove the genuineness of the protected objects. Because of the microscopic characteristics of nuclear tracks and the distribution characteristics of the phase hologram on the frequency spectrum plane, the potential images R,T,R',T', as the information carriers, can't be duplicated and must be coincided respectively, so as to prevent the genuine anti-counterfeit marks from the illegal imitation.

Classifications:

International (IPC 8-9): G03H1/04 G03H1/08

G06K19/16 (Advanced/Invention);

G03H1/04 G03H1/08 G06K19/14 (Core/Invention)

International (IPC 1-7): G03H1/00 G06K19/16 G06K9/00

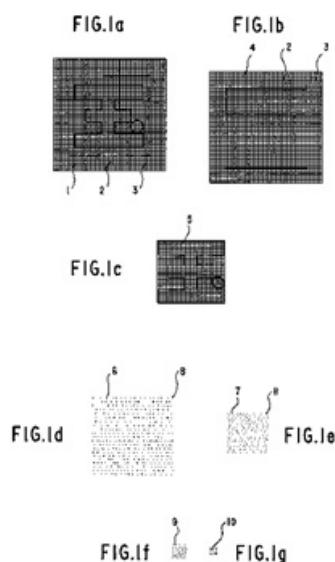
CPC: G03H1/041 G03H1/08 G06K19/16

European: G03H1/04A4 G03H1/04C G03H1/08 G06K19/16

US: 235/380 235/457 283/86 359/29 359/32 382/210 430/1 430/2

PatBase - US6001510_A

U.S. Patent Dec. 14, 1999 Sheet 1 of 9 6,001,510



Family:

Publication number	Publication date	Application number	Application date
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WO9605540 A1	19960222	WO1995C000063	19950815

Priority:

CN19941014863 19940815 WO1995CN00063 19950815

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Inventor(s): MINGXI ZHAO

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LK LR LT LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TT UA UG US UZ VN

9) Family number: 30083790 (US2002009461A)

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Title: PORCINE NEURAL CELLS AND THEIR USE IN TREATMENT OF NEUROLOGICAL DEFICITS DUE TO NEURODEGENERATIVE DISEASES

Abstract: Source: US2002009461A Porcine neural cells and methods for using the cells to treat neurological deficits due to neurodegeneration are described. The porcine neural cells are preferably embryonic mesencephalic, embryonic striatal cells, or embryonic cortical cells. The porcine neural cells can be modified to be suitable for transplantation into a xenogeneic subject, such as a human. For example, the porcine neural cells can be modified such that an antigen (e.g., an MHC class I antigen) on the cell surface which is capable of stimulating an immune response against the cell in a xenogeneic subject is altered (e.g., by contact with an anti-MHC class I antibody, or a fragment or derivative thereof) to inhibit rejection of the cell when introduced into the subject. In one embodiment, the porcine neural cells are obtained from a pig which is essentially free from organisms or substances which are capable of transmitting infection or disease to the recipient subject. The porcine neural cells of the present invention can be used to treat neurological deficits due to neurodegeneration in the brain of a xenogeneic subject (e.g., a human with epilepsy, head trauma, stroke, amyotrophic lateral sclerosis, Parkinson's disease, Alzheimer's disease, or Huntington's disease) by introducing the cells into the brain of the subject.

Classifications:

International (ipc 8-9): A61K31/015 A61K31/195 A61K31/435 A61K35/12 A61K35/30 A61K38/00 A61K38/13 A61K38/16 A61K38/18 A61K38/22 A61K38/27 A61K38/28 A61K38/44 A61K38/45 A61K38/55 A61K39/00 A61K39/395 A61K45/00 A61P25/00 A61P25/08 A61P25/28 C07K16/28 C12N15/09 C12N5/00 C12N5/02 C12N5/06 C12N5/079 C12N5/10 G01N33/53 (Advanced/Invention); A61K31/435 A61K35/12 A61K38/00 A61K38/16 A61K38/22 A61K38/27 A61K38/28 A61K38/55 A61K39/00 A61K45/00 A61P25/00 C12N15/09 C12N5/00 C12N5/06 C12N5/10 C12R1/91 G01N33/53 (Advanced/Non-invention); A61K31/01 A61K31/185 A61K31/435 A61K35/30 A61K38/00 A61K38/12 A61K38/16 A61K38/18 A61K38/22 A61K38/27 A61K38/28 A61K38/43 A61K38/55 A61K39/00 A61K45/00 A61P25/00 C07K16/18 C12N15/09 C12N5/00 C12N5/06 C12N5/10 G01N33/53 (Core/Invention); A61K35/12 (Core/Non-invention)

International (ipc 1-7): A01N3/00 A01N63/00 A61K31/015 A61K31/195 A61K31/435 A61K35/30 A61K38/00 A61K38/13 A61K38/16 A61K38/18 A61K38/22 A61K38/27 A61K38/28 A61K38/44 A61K38/45 A61K38/55 A61K39/385 A61K39/395 A61K45/00 A61P25/28 C12N15/09 C12N15/85 C12N15/86 C12N5/00 C12N5/02 C12N5/06 C12N5/10 G01N33/53

CPC: Y10S424/809 C12N5/0618 A61K35/30 A61K38/13 A61K39/001 A61K2035/122 C07K16/2833 C07K2317/54

European: A61K35/30 A61K38/13 A61K39/00D5 C07K16/28A28 C12N5/06B8 K61K35/12A M07K317/540

US: 424/130.1 424/143.1 424/193.1 424/193.100P 424/809 424/93.1 424/93.7 424/93.700P 424/93.700S 424/931 435/325 435/325S 435/368 435/374 435/379

PatBase - US2002009461_AA

Patent Application Publication Jan. 24, 2002 Sheet 1 of 24 US 2002/009461 A1

PIG NUMBER	DAYS GESTATION	FETAL CRL (mm)	VIABILITY
3	35	35	< 10%
5	27	22	73%
6	32	30	20%
9	26	18	81%
14	28	25	76%
15	26	20	85%
20	28	25	77%

Fig. 1

Family:

Publication number	Publication date	Application number	Application date
AU199641484 A1	19960531	AU19960041484	19951107
AU199641485 A1	19960531	AU19960041485	19951107
AU199641486 A1	19960531	AU19960041486	19951107
AU199961698 A1	20000504	AU19990061698	19991125
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CA2204427 AA	19970502	CA19952204427	19951107
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Priority:

AU19960041485	19951107	AU19960041486	19951107	AU19990061698	19991125
AU20000027736	20000413	US20010843270	20010426	US20010847881	20010502
US19950551820	19951107	US19950554779	19951107	US19950424855	19950419
US19940336856	19941108	US19950424851	19950419	US19950424856	19950419
WO1995US14453	19951107	WO1995US14451	19951107	WO1995US14452	19951107

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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BORDEN LADNER GERVAIS LLP

Designated states: AT AU BE CA CH DE DK ES FR GB GR IE IT JP LI LU MC NL PT SE

10) Family number: 28851084 (US2003003526A)

© PatBase

Title: BETA-LACTAMASE SUBSTRATES HAVING PHENOLIC ETHERS

Abstract: Source: US2003003526A Provided are fluorescent substrates for beta-lactamases having the general formula I: in which R is a benzyl, 2-thienylmethyl, or cyanomethyl group; R' is selected from the group consisting of H, physiologically acceptable salts or metal, ester groups, ammonium cations, -CHR2OCO(CH2)nCH3, -CHR2OCOC(CH3)3, acylthiomethyl, acyloxy-alpha-benzyl, deltabutyrolactonyl, methoxycarbonyloxymethyl, phenyl, methylsulphinylmethyl, beta-morpholinoethyl, dialkylaminoethyl, and dialkylaminocarbonyloxymethyl, in which R2 is selected from the group consisting of H and lower alkyl; A is selected from the group consisting of S, O, SO, SO2 and CH2; and Z is a donor fluorescent moiety. Also provided are methods of use of the compound of general formula I.

Classifications:

International (ipc 8-9): C07D265/38 C07D311/16 C07D417/14 C07D463/00 C07D463/18 C07D463/20 C07D471/04 C07D501/00 C07D501/02 C07D501/04 C07D501/14 C07D501/20 C07D501/24 C07D501/28 C07D501/30 C07D501/34 C07D501/36 C07D501/40 C07D501/42 C07D501/46 C07D501/59 C07D503/10 C07D503/18 C07D505/00 C07D505/18 C07D505/20 C07D519/06 C07F5/02 C07F9/6561 C07H21/00 C09B47/04 C09B57/00 C12N15/09 C12N15/55 C12N15/85 C12N5/02 C12N5/10 C12N9/86 C12P17/18 C12P35/00 C12Q1/02 C12Q1/04 C12Q1/18 C12Q1/34 C12Q1/37 C12Q1/68 G01N33/573 (Advanced/Invention);

C07D463/18 C07D463/20 C07D463/22 C12N15/09 C12N15/55 C12N5/10 G01N33/573 (Advanced/Non-invention); C07D501/00 C07F5/00 C12Q1/18 C12Q1/34 (Core/Invention)

International (ipc 1-7): C07D463/18 C07D463/20 C07D471/04 C07D487/04 C07D491/04 C07D501/00 C07D501/14 C07D501/18 C07D501/20 C07D501/24 C07D501/28 C07D501/30 C07D501/34 C07D501/36 C07D501/40 C07D501/42 C07D501/46 C07D501/59 C07D503/10 C07D503/18 C07D505/18 C07D505/20 C07D519/06 C07H21/00 C09B47/04 C09B57/00 C12N13/00 C12N15/09 C12N15/10 C12N15/11 C12N15/52 C12N15/55 C12N15/63 C12N15/85 C12N5/00 C12N5/02 C12N5/10 C12N9/86 C12Q1/00 C12Q1/02 C12Q1/04 C12Q1/18 C12Q1/34 C12Q1/37 C12Q1/68 C12V5/10 G01N33/531 G01N33/573

CPC: Y10S435/805 C09B11/24 C09B19/00 C09B56/00 C09B56/16 C09B15/00 C09B23/04 C09B23/08 C09B23/145 C09B47/24 C09B57/02 C09B57/08 C07D501/04 C07F5/022 C07D463/18 C07D463/20 C07D501/36 C07D519/00 C12N9/86 C12N15/85 C12N2800/90 C12N2830/002 C12P17/184 C12P17/188 C12P35/00 C12Q1/18 C12Q2334/00 G01N2333/986 G01N2415/00 C12Q1/6897 C07D501/00 C07D505/00 C07F9/65613 C12Q1/34

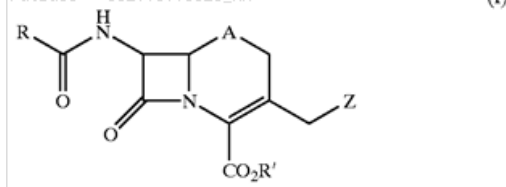
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US: 435/173.2 435/18 435/18P 435/23 435/23P 435/32 435/320.1 435/325 435/32P 435/32S 435/455 435/6 435/6.14 435/7.4 435/7.6 435/805 534/726 534/726S 534/752 534/752S 536/23.2 540/125 540/125S 540/205 540/205S 540/215 540/222 540/222S 540/226 540/227 540/229 540/301 540/347 540/347S

Family:

Publication number	Publication date	Application number	Application date
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WO06085978 A3	20070104	WO2005US23947	20050630
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Priority:

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WO1996US04059	19960320	US20020044486	20020111	US20020280482	20021024
US20040884019	20040702	US20050093399	20050329	US20060447691	20060605
US20060606642	20061129	WO2002US00769	20020111		

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Inventor(s): (std): ZLOKARNIK GREGOR ; ZLOKARNIK G ; TSIENT Y ; TSIENT ROGER Y ; TSIENT R Y ; RAO JIANGHONG ; KIEN R Y ; CZILUCARNIC G

Inventor(s): JIANGHONG RAO ; GREGOR ZLOKARNIK ; G ZLOKARNIK ; G CZILUCARNIC ; R Y TSIENT ; R Y KIEN ; TSIENT ROGER ; TSIENT ROGER Y LA JOLLA ; ZLOKARNIK GREGOR SAN DIEGO ; RY TSIENT ; RY KIEN ; ROGER Y TSIENT

Agent(s): FB RICE; FB RICE PTY LTD; PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; MBM INTELLECTUAL PROPERTY LAW LLP; DR VOLKER VOSSIUS CORINNA VOSSIUS TILMAN VOSSIUS DR GEORG SCHNAPPAUF; SCHNAPPAUF GEORG; SHIMIZU HATSUSHI; HELLER EHRMAN WHITE AND MCAULIFFE LLP; TOWNSEND AND TOWNSEND AND CREW LLP; QUINE INTELLECTUAL PROPERTY LAW GROUP PC; QUINE INTELLECTUAL PROPERTY LAW GROUP; BAKER GARY; GARY; MORGAN LEWIS AND BOCKIUS LLP

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

Abstract: Source: US2001007775A A method and apparatus for the manipulation of colloidal particulates and biomolecules at the interface between an insulating electrode such as silicon oxide and an electrolyte solution. Light-controlled electrokinetic assembly of particles near surfaces relies on the combination of three functional elements: the AC electric field-induced assembly of planar aggregates; the patterning of the electrolyte/silicon oxide/silicon interface to exert spatial control over the assembly process; and the real-time control of the assembly process via external illumination. The present invention provides a set of fundamental operations enabling interactive control over the creation and placement of planar arrays of several types of particles and biomolecules and the manipulation of array shape and size. The present invention enables sample preparation and handling for diagnostic assays and biochemical analysis in an array format, and the functional integration of these operations. In addition, the present invention provides a procedure for the creation of material surfaces with desired properties and for the fabrication of surface-mounted optical components. The invention is also for a system and method for programmable illumination pattern generation, including a novel method and apparatus to generate patterns of illumination and project them onto planar surfaces or onto planar interfaces such as the interface formed by an electrolyte-insulator-semiconductor (EIS), e.g., as described herein. This enables the creation of patterns or sequences of patterns using graphical design or drawing software on a personal computer and the projection of said patterns, or sequences of patterns ("time-varying patterns"), onto the interface using a liquid crystal display (LCD) panel and an optical design which images the LCD panel onto the surface of interest. The use of the LCD technology provides flexibility and control over spatial layout, temporal sequences and intensities ("gray scales") of illumination patterns. The latter capability permits the creation of patterns with abruptly changing light intensities or patterns with gradually changing intensity profiles.

International (IPC s-9): B01D57/02 B01J19/00 B01J19/08 B01L3/00 B03C5/00 B05D3/00 B07C5/344 B29D22/00 C07B61/00 C07H21/04 C07K1/26 C07K17/00 C12M1/00 C12M1/26 C12M1/34 C12M1/36 C12M3/00 C12N15/09 C12N15/10 C12Q1/68 C25D13/00 C40B20/02 C40B20/04 C40B40/00 C40B40/04 C40B40/06 C40B40/10 G01D5/56 G01N1/00 G01N15/02 G01N15/06 G01N15/14 G01N21/00 G01N21/03 G01N21/29 G01N21/64 G01N27/00 G01N27/02 G01N27/26 G01N27/416 G01N27/447 G01N30/00 G01N33/48 G01N33/483 G01N33/50 G01N33/53 G01N33/543 G01N33/546 G01N33/551 G01N33/553 G01N33/566 G01N33/68 G01N37/00 G02B26/00 G02B3/00 G02B5/18 G02B6/136 G03B21/00 G03B21/26 G03B27/42 G03B27/72 G03F7/20 G03G17/04 G05D3/10 G06F19/00 G06K19/06 G06K9/00 G09F9/37 G09G5/36 G12B1/00 G21K1/00 H01M2/38 H01M4/02 H01M4/36 H01M6/04 H01M6/30 H01M6/36 H04N5/202 H04N5/225 H04N5/228 H04N5/238 H05H3/04 (Advanced/Invention); B01L3/00 C12Q1/00 C40B40/00 G01N1/00 G01N15/14 G01N21/00 G01N27/416 G01N27/447 G01N33/48 G01N33/483 G01N33/53 G01N33/543 G01N33/553 G01N33/566 G01N37/00 (Advanced/Non-invention); B01J19/00 B01L3/00 C07B61/00 C07K17/00 C12N15/10 C12Q1/68 C40B20/02 C40B20/04 C40B40/04 G01N21/64 G01N33/48 G01N33/50 G01N33/53 G01N33/543 G01N33/546 G02B3/00 G03B21/00 G03B21/26 G03B27/42 G03B27/72 G06F19/00 G06K9/00 G21K1/00 H05H3/00 (Core/Invention); G01N15/14 (Core/Non-invention)

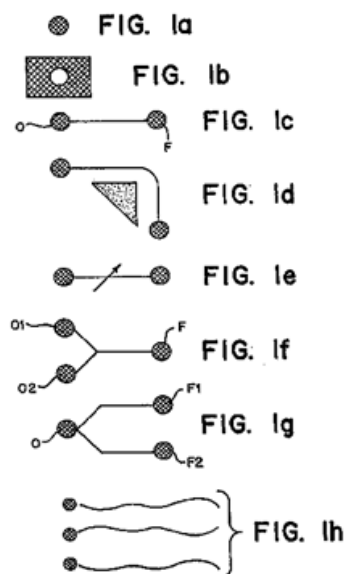
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Patent Application Publication Jul. 12, 2001 Sheet 1 of 36 US 2001/0007775 A1



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Probable Assignee: BIOARRAY SOLUTIONS LTD

Assignee(s): (std): BIO ARRAY SOLUTIONS LTD ; BIOARRAY SOLUTIONS ; BIOARRAY SOLUTIONS LLC ; BIOARRAY SOLUTIONS LTD ; CHAU CHIU WO ; SEUL MICHAEL ; LI ALICE XIANG ; MICHAEL SEUL

Assignee(s): CITIBANK NA ADMINISTRATIVE AGENT AS ; LI ALICE X

Inventor(s): (std): CHAU CHIU WO ; LI ALICE X ; LI ALICE XIANG ; SEUL MICHAEL ; MICHAEL SEUL ; CHIU WO CHAU

Inventor(s): ALICE XIANG LI

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; KILGER UTE; HELD STEPHAN; ERIC P MIRABEZ; ERIC P MIRABEL; ERIC P; JULIE; ERIC; MIRABEL ERIC P; WOMBLE CARLYLE SANDRIDGE AND RICE PLLC; WOMBLE CARLYLE SANDRIDGE AND RICE LLP; MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

12) Family number: 28150845 (US2001038412A)

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Title: Integrated reflected display teleconferencing eye contact terminal

Abstract: Source: US2001038412A The present invention enables eye contact between conferees during a teleconference using a terminal equipped with a beamsplitter for reflecting an image of a video display so that only the reflection and not a direct view of the display is seen by the conferee. The camera is positioned behind the viewing side of the beamsplitter to capture the conferee's image through the beamsplitter. The direct view of the display is blocked by an image blocking film applied between the beamsplitter and the display. Blocking the direct view of the video display greatly improves teleconferencing by eliminating the distraction of simultaneously viewing both the video display and the reflection of the display. The present invention also substantially improves available desktop space, functional options by providing a direct view and a reflected view of the display, and portability. Also, the present invention is an integrated device operating as a fully functional personal computer with a module bay which receives a videoconferencing module to enable a videoconference. The integrated terminal is also uniquely configured for both a single user mode and a group videoconferencing mode.

Classifications:

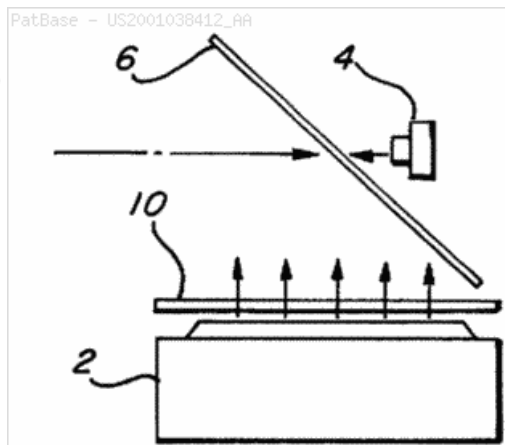
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International (IPC 1-7): G02B27/28 G02B5/22 G03B21/26 G09G5/00 H04N7/12 H04N7/14

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European: G02B27/22V3 G03B15/10 H04N7/14A2B H04N7/15

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Family:

Publication number **Publication date** **Application number** **Application date**

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Probable Assignee: VIDEOTRONIC SYSTEMS

Assignee(s): (std): MACHTIG JEFFREY ; MACHTIG JEFFREY S ; MCNELLEY STEVE H ; VIDEOTRONIC SYSTEMS

Assignee(s): VIDEOPTIC RESEARCH

Inventor(s): (std): MACHTIG JEFFREY ; MACHTIG JEFFREY S ; MCNELLEY STEVE H

Inventor(s): MCNELLEY STEVE

Agent(s): LINER YANKELEVITZ SUNSHINE AND REGENSTREIF; LINER YANKELEVITZ SUNSHINE AND REGENSTREIFF; VENABLE LLP; STEFAN J

13) Family number: 30063094 (US2002192808A)

© PatBase

Title: INSTRUMENT FOR MONITORING POLYMERASE CHAIN REACTION OF DNA

Abstract: Source: US2002192808A An optical instrument monitors PCR replication of DNA in a reaction apparatus having a temperature cycled block with vials of reaction ingredients including dye that fluoresces in presence of double-stranded DNA. A beam splitter passes an excitation beam to the vials to fluoresce the dye. An emission beam from the dye is passed by the beam splitter to a CCD detector from which a processor computes DNA concentration. A reference strip with a plurality of reference emitters emit reference beams of different intensity, from which the processor selects an optimum emitter for compensating for drift. Exposure time is automatically adjusted for keeping within optimum dynamic ranges of the CCD and processor. A module of the beam splitter and associated optical filters is associated with selected dye, and is replaceable for different dyes.

Classifications:

International (IPC 8-9): B01L3/00 B01L7/00 C12M1/00 C12M1/34 C12M1/36 C12M1/40 C12M3/00 C12N15/09 C12P19/34 C12Q1/68 F21K99/00 F21V19/00 F21V23/00 F21V29/503 F21V29/54 F21V29/67 F21V29/74 F21V29/76 F21V29/90 F21V9/16 G01J1/58 G01J3/02 G01J3/10 G01J3/28 G01N1/00 G01N21/00 G01N21/01 G01N21/03 G01N21/25 G01N21/27 G01N21/63 G01N21/64 G01N21/66 G01N21/75 G01N21/76 G01N21/78 G01N33/53 G02B26/10 G05D23/00 G05D23/19 G05D23/20 G06F19/00 H01J7/24 H05B33/08 H05B37/02 (Advanced/Invention); B01L3/00 C12N15/09 C12Q1/68 F21Y101/02 G01N21/03 G01N21/25 G01N21/64 (Advanced/Non-invention); C12M1/34 C12M1/40 C12M3/00 F21V9/00 G01J1/00 G01N21/63 (Core/Invention)

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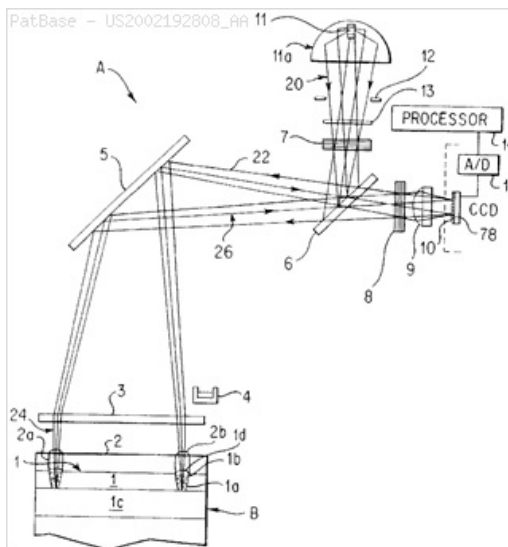
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European: B01L7/00D B01L7/52 F21K9/00 G01N21/03A G01N21/27E G01N21/64H G01N21/64P G01N21/64P2 G01N21/64P4 G05D23/20E L01L3/5085 L01L7/52 M12Q545/101 R21Y101/02 S01N201/024B S01N201/062 S01N201/062K S01N201/062L S01N201/063G S01N201/121B S01N21/03A S01N21/27E3 S01N21/64G2 S01N21/64G3 S01N21/64H7 S01N21/64H7A S01N21/64P10 S01N21/64P6 S01N21/64P6F S01N21/64P6L

US: 1/1 250/458.1 250/458.100P 250/458.100S 250/459.1 250/459.100S 250/461.1 250/461.2 250/462.1 250/483.1 315/112 315/112S 315/118 315/118S 356/244 356/244S 356/317 356/317P 356/417 356/417P 356/72 356/73 359/35 359/350 359/350S 378/42 378/44 378/45 422/63 422/63S 422/82.05 422/82.05S 422/82.05 422/82.08 422/82.08P 422/82.08S 435/286.1 435/286.100P 435/287.1 435/287.2 435/287.200P 435/287.200S 435/287.3 435/287.300S 435/288.3 435/288.4 435/288.400S 435/288.7 435/288.700P 435/288.700S 435/289.1 435/289.100S 435/303.1 435/303.100S 435/305.1 435/6 435/6.11 435/6.110S 435/6.12 435/6.13 435/6.130P 435/6.16 435/6.160P 435/6P 435/6S 435/808 435/809 435/91.2 435/91.200P 436/172 436/172S 702/20 702/20S

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: LIFE TECHNOLOGIES CORP

Assignee(s): (std): BOEGE STEVEN J ; CERRONE ANTHONY L ; PERKIN ELMER CORP ; GAMBINI MICHAEL R ; LAKATOS EDWARD J ; PE CORP NY ; STONE SUSAN ATWOOD ; OLDHAM MARK F ; KING HOWARD G ; SLUIS JOHANNES P ; KING HOWARD ; MIRCHANDANI VINOD L ; HOSHIZAKI JON A ; STONE SUSAN A ; LIFE TECHNOLOGY CORP ; LIFE TECHNOLOGIES CORP ; APPLIED BIOSYSTEMS LLC ; ATWOOD JOHN G ; ATWOOD JUDITH K ; APPLERA CORP ; LIFE TECH CORP ; YOUNG EUGENE F

Assignee(s): APPLIED BIOSYSTEMS INC ; BANK OF AMERICA NA AS COLLATERAL AGENT ; BANK OF AMERICA NA COLLATERAL AGENT AS ; PE CORP ; PE NY CORP ; LIFE TECHNOLOGIES CORP CARLSBAD ; LIFE TECHNOLOGIES CORPROATION

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STEVEN J ; ATWOOD JOHN G JR ; YOUNG EUGENE F ; SLUIS JOHANNES PAUL ; OLDMAN MARK ; LAKATOS EDWARD J ; KING HOWARD GREG ; GAMBINI MICHAEL R ; CERRONE ANTHONY L ; CERRONE ANTHONY ; ATWOOD JOHN G ; STONE LEGAL REPRESENTATIVE SUS ; HOSHIZAKI JON A ; ATWOOD LEGAL REPRESENTATIVE JU

Inventor(s): ATWOOD LEGAL REPRESENTATIVE JUDITH K ; STONE LEGAL REPRESENTATIVE SUSAN ATWOOD ; J G ATWOOD ; E F YOUNG ; STONE ; STONE SUSAN ; YOUNG EUGENE F MARIETTA ; YOUNG EUGENE MARIETTA ; M R GAMBINI ; SLUIS JOHANNES PAUL HALF MOON BAY ; OLDMAN MARK ; OLDMAN MARK F LOS GATOS ; OLDMAN MARK EMERALD HILLS ; OLDMAN MARK LOS GATOS ; SLUIS JOHANNES ; MRCHANDANI VINOD ; LAKATOS EDWARD J BETHEL ; LEGAL REPRESENTATIVE JUDITH K ; LEGAL REPRESENTATIVE SUSAN ATWOOD ; KING HOWARD G BERKELEY ; GAMBINI MICHAEL R MONROE ; HOSHIZAKI JON ; BOEGE STEVEN J SAN MATEO ; BOEGE STEVEN SAN MATEO ; CERRONE ANTHONY L NEW HAVEN ; ATWOOD JUDITH ; ATWOOD

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SIM AND MCBURNEY; WEBER BIRGIT DIPL BIOL DR RER NAT; LORENZ SEIDLER GOSSEL RECHTSANWALTE PATENTANWALTE PARTNERSCHAFT MB; BEETZ AND PARTNER; WOEHLEH CHRISTIAN; VOSSIUS CORINNA; STEPHEN ROBERT JOHN ET AL; ROBERTS MARK PETER; CORDINA KEVIN JOHN; LAZZANO JESUS; KILYK AND BOWERSOX PLLC; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER, LLP; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; MILA KASAN PATENT DEPT APPLIED BIOSYSTEMS; LIFE TECHNOLOGIES C O INTELLEVATE CORP; MARK; LEONNARD D

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

14) Family number: 20669434 (US2005008218A)

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Title: AUTOMATED WAFER DEFECT INSPECTION SYSTEM AND A PROCESS OF PERFORMING SUCH INSPECTION

Abstract: Source: US2005008218A An automated defect inspection system has been invented and is used on patterned wafers, whole wafers, broken wafers, partial wafers, sawn wafers such as on film frames, JEDEC trays, Auer boats, die in gel or wafer packs, MCMs, etc. and is specifically intended and designed for second optical wafer inspection for such defects as metalization defects (such as scratches, voids, corrosion, and bridging), diffusion defects, passivation layer defects, scribing defects, glassivation defects, chips and cracks from sawing, solder bump defects, and bond pad area defects.

Classifications:

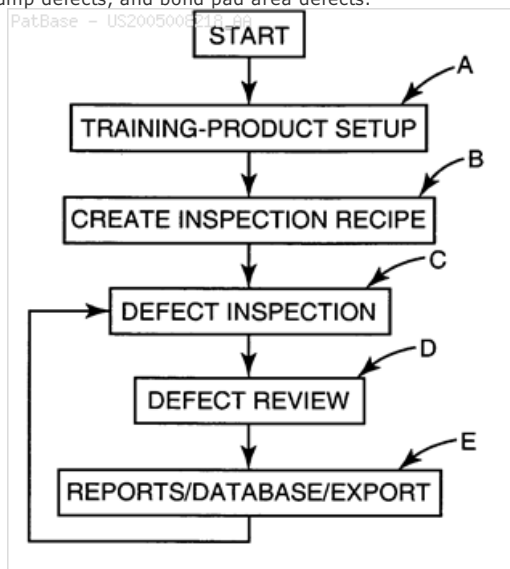
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International (IPC 1-7): G01B11/30 G01N21/956 G06K9/00 G06K9/62 G06T1/00 H01L21/66

CPC: H01L21/67242 H01L21/67271 H01L22/12 H01L2924/0002 H01L2924/00 G01N21/8803 G01N21/8806 G06T7/0004 H04N5/2256 G01N2201/12 G01N2201/0697 G01N2201/06113 G01N2021/8838 G01N2201/0696 G06T2207/30148 G01N21/9501 H01L21/67288

European: G01N21/95A H01L21/66M2 H01L21/67S8 H01L21/67S8D H01L21/67S8G T01L21/66M2 T01L22/12

US: 1/1 250/559.39 257/E21.53 257/E21.530S 348/126 348/86 356/237.5 382/141 382/145 382/145P 382/149 382/149P 382/159 382/159S 438/16



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Publication number	Publication date	Application number	Application date
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Probable Assignee: AUGUST TECHNOLOGY CORP**Assignee(s):** (std): HARLESS MARK ; O DELL JEFFREY ; RUDOLPH TECHNOLOGIES INC ; WATKINS CORY ; VERBURGT THOMAS ; O DELL JEFFREY L ; RUDOLPH TECH INC ; AUGUST TECHNOLOGY CORP**Assignee(s):** AUGUST TECHNOLOGY CORP BLOOMINGTON ; RUDOLPH TECHNOLOGIES INC FLANDERS**Inventor(s):** (std): HARLESS MARK ; HERRMANN STEVE ; O DELL JEFFREY ; WATKINS CORY ; THOMAS VERBURGT ; MARK HARLESS ; JEFFREY ODELL ; ODELL JEFFREY ; VERBURGT THOMAS ; O DELL JEFFREY L**Inventor(s):** VERBURGT THOMAS EDEN PRAIRIE ; O'DELL JEFFREY ; O DELL JEFFREY BLOOMINGTON ; HARLESS MARK NEW HOPE**Agent(s):** PATENTANWALTE LIPPERT STACHOW AND PARTNER; RIBEIRO JAMES MICHAEL; DICKE BILLIG AND CZAJA PLLC ATTN JOHN VASUTA; DICKE BILLIG AND CZAJA PLLC ATTN CHRISTOPHER MCLAUGHLIN; DICKE BILLIG AND CZAJA PLLC; MERCHANT AND GOULD PC**Designated states:** AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW**15) Family number: 29955521** (US2002076655A)

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Title: DIRECT WRITING OF OPTICAL DEVICES IN SILICA-BASED GLASS USING FEMTOSECOND PULSE LASERS

Abstract: Source: US2002076655A The invention relates to methods of writing a light-guiding structure in a bulk glass substrate. The bulk glass substrate is preferably made from a soft silica-based material having an annealing point less than about 1380 degrees Kelvin. A pulsed laser beam is focused within the substrate while the focus is translated relative to the substrate along a scan path at a scan speed effective to induce an increase in the refractive index of the material along the scan path. Substantially no laser-induced physical damage of the material is incurred along the scan path. Various optical devices can be made using this method.

Classifications:

International (IPC 8-9): B23K26/00 B23K26/06 C03C23/00 G02B6/13 G02B6/132 G11C13/04 H01S3/00 (Advanced/Invention); G02B6/00 G02B6/12 (Advanced/Non-invention); B23K26/00 B23K26/06 C03C23/00 G02B6/13 G11C13/04 H01S3/00 (Core/Invention); G02B6/12 (Core/Non-invention)

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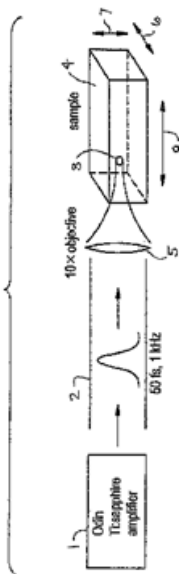
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European: B23K26/06B4B C03C23/00B8 G02B6/12A G02B6/12A1 G02B6/13 G02B6/132 G11C13/04 G11C13/04B S02B6/12R10 S02B6/12S6 S02B6/12T1A

US: 385/123 385/141 430/198 430/198S 430/290 430/321 430/321P 430/322 430/322S 430/945 430/945S 430/95 430/950 430/950S

PatBase - US2002076655_A1

Patent Application Publication Jun. 20, 2002 Sheet 1 of 12 US 2002/076655 A1

FIG. 1**Family:**

Publication number	Publication date	Application number	Application date
AU200063827 A5	20010219	AU20000063827	20000728
AU200066129 A5	20010625	AU20000066129	20000728
BRPI0012797 A	20030715	BR2000PI12797	20000728
CA2380541 AA	20020129	CA20002380541	20000728
CN1365500 A	20020821	CN20008010909	20000728
EP1204977 A1	20020515	EP20000950775	20000728
EP1204977 A4	20030813	EP20000950775	20000728
JP2003506731 T2	20030218	JP20010514433T	20000728
KR20020038707 A	20020523	KR20027001193	20020128
KR20020038707 A	20020523	KR20027001193	20000728
US2002076655 AA	20020620	US20010954500	20010917
US6573026 BA	20030603	US20000628666	20000728
US6977137 BB	20051220	US20010954500	20010917
WO0109899 A1	20010208	WO2000US20446	20000728

Priority:

US19990146274P 19990729 US19990172122P 19991217 US20010954500 20010917
 US20000627868 20000728 US20000628666 20000728 WO2000US20446 20000728
 WO2000US20651 20000728

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Inventor(s): BRUCE G AITKEN ; ALEXANDER STRELTISOV ; NF BORELLIS ; CM SMITH ; NICHOLAS F BORRELLI ; DAVID L MORSE ; N F BORELLIS ; C M SMITH

Agent(s): GOWLING LAFLEUR HENDERSON LLP; JAMES V; GREGORY V

Designated states: AE AG AL AM AT AU AZ BA BB BE BG BR BY CA CH CN CR CU CY CZ DE DK DM DZ EE ES FI FR GB GD GE GH GM GR HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

16) Family number: 28092358 (US2001034063A)

© PatBase

Title: HIGH THROUGHPUT SCREENING FOR MOISTURE BARRIER CHARACTERISTICS OF MATERIALS

Abstract: Source: US2001034063A A method of developing a new coating having a desired performance characteristic with regard to a property of a coating is provided. The method includes the steps of: a) providing an array of coating wells, each well configured for receiving a coating material having a known parameter; b) placing a coating material having the known parameter in each coating well, varying the parameter so as to provide a plurality of coating material having different parameter values in a plurality of coating wells; c) correlating the value of the parameter for the coatings deposited in each of the plurality of coating wells with the position of the coating well in the array, whereby a parameter value is associated with each coating well position in the array; d) applying a coating leveling force to the array of coating wells to level the coating material in the coating wells; e) testing the coatings in the array to analyze the relationship between the position in the array and performance with regard to the property of the coating material, whereby the value of the parameter can be correlated to the performance of the coating with regard to the property of the coating. Optionally, the coatings in the array may be dried while the leveling force is applied. The above combinatorial, high-throughput method of screening candidate coat materials results in a substantial increase in the discovery rate of new coating materials. The moisture barrier characteristics of a film may be determined by providing a vapor sensitive color changing layer, with the film to be measured overlying the vapor sensitive layer, exposing the film to the vapor, and subsequently measuring the color changes.

Classifications:

International (IPC 8-9): B01J19/00 B01L3/00 B05C21/00 B05D1/00 B05D3/06 B05D3/12 B05D7/00 C07B61/00 C09J11/00 C12M1/34 C40B40/14 C40B60/14 G01N19/04 G01N21/47 G01N31/00 G01N33/32 G01N33/48 G01N35/00 G01N35/02 G01N35/04 G01N37/00 G01N5/02 (Advanced/Invention); B05C21/00 C07B61/00 C40B40/14 C40B60/14 G01N33/48 G01N35/00 G01N35/02 G01N35/04 G01N37/00 (Advanced/Non-invention); B01J19/00 B01L3/00 B05C21/00 B05D1/00 B05D3/06 B05D3/12 B05D7/00 C09J11/00 G01N19/00 G01N33/26 G01N33/48 G01N35/02 G01N37/00 (Core/Invention); C07B61/00 C40B40/04 C40B60/14 G01N35/00 G01N35/04 (Core/Non-invention)

International (IPC 1-7): B01J19/00 B01L3/00 B05C21/00 B05D1/00 B05D1/40 B05D3/06 B05D5/00 B05D7/00 B21D9/05 B32B25/04 B32B25/20 B32B3/12 B32B3/14 C09J C09J11/00 C12M1/34 G01N1/28 G01N15/08 G01N19/04 G01N21/47 G01N21/49 G01N21/64 G01N21/77 G01N31/00 G01N33/32 G01N33/48 G01N35/02 G01N37/00

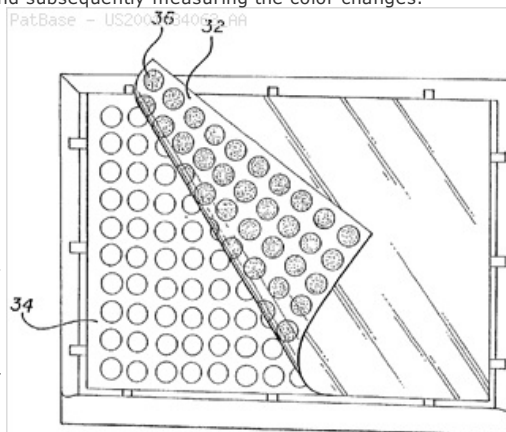
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European: B01J19/00C B01L3/505 B01L3/50853 B05D1/00C B05D3/06C5E B05D3/12 B05D7/00 C09J11/00 G01N19/04 G01N21/47 G01N33/32 L01J219/00C10 L01J219/00C10B2 L01J219/00C10F L01J219/00C2B2D L01J219/00C2B4D L01J219/00C2B4D2 L01J219/00C2D L01J219/00C2D24B L01J219/00C2D26F L01J219/00C2D4 L01J219/00C2J2 L01J219/00C2L8 L01J219/00C4B L01J219/00C4B2 L01J219/00C4H L01J219/00C4L12 L01J219/00C4L2 L01J219/00C4L2D L01J219/00C4L2F L01J219/00C4L2H4 L01J219/00C4L2L4 L01J219/00C6F4 L01J219/00C6P L01L3/505 L01L300/08B12 L01L300/08F L01L400/04F4 M07B200/11 M40B40/00 M40B40/14 M40B60/14 S01N35/00F5 S01N35/02P S01N35/04A4B2

US: 116/206 116/206S 156/64 156/64S 356/239.1 356/402 356/437 356/443 422/102 422/104 422/502 422/72 427/8 427/8P 435/288.2 435/288.3 435/288.4 436/174 436/183 436/2 436/2P 436/45 436/85 494/10 494/16 494/20 73/73

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Publication number	Publication date	Application number	Application date
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AU200114471 A5	20010514	AU20010014471	20001030
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JP2003513257 T2	20030408	JP20010534517T	20001030
US2001034063 AA	20011025	US20010860197	20010517
US2003134033 AA	20030717	US20020263564	20021002



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US7094607 BA	20060822	US20000089807	20001030
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WO02103333 B1	20030403	WO2002US21651	20020411
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Priority:

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Inventor(s): WILLIAM PATRICK FLANAGAN ; DANIEL ROBERT OLSON ; DENNIS L SAUNDERS ; POTYRAILO RADISLAV ALEXANROVICH ; RADISLAV ALEXANROVICH POTYRAILO

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

17) Family number: 28360118 (US2003112432A)

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Title: APPARATUS FOR READING SIGNALS GENERATED FROM RESONANCE LIGHT SCATTERED PARTICLE LABELS

Abstract: Source: US2003112432A Embodiments of the present invention include a control and analysis system, a signal generation and detection apparatus, or reader for capturing, processing and analyzing images of samples having resonance light scattering (RLS) particle labels. An analyzer/reader includes an illumination system having a unique shutter/aperture assembly for delivering precise patterns of light to a sample, a computer controlled X-Y stage, and a detection system comprising a CCD camera to allow separation and analysis of detected light that contains information from gold and/or silver RLS labels. Alternative embodiments include linear scanning apparatus and simplified apparatus for low density samples.

Classifications:

International (IPC 8-9): G01J3/00 G01J3/30 G01J3/40 G01J3/42 G01N15/02 G01N21/00 G01N21/01 G01N21/25 G01N21/27 G01N21/47 G01N21/49 G01N21/64 G01N21/77 G01N33/52 G01N33/53 G01N33/543 G01N33/58 G01N33/68 G01N37/00 (Advanced/Invention); G01N15/02 G01N15/14 (Advanced/Non-invention)

International (IPC 1-7): G01J3/30 G01J3/40 G01J3/42 G01N15/02 G01N21/00 G01N21/47 G01N21/49 G01N21/64 G01N31/00 G01N33/52 G01N33/53 G01N33/543 G01N37/00 G06F19/00 H04L

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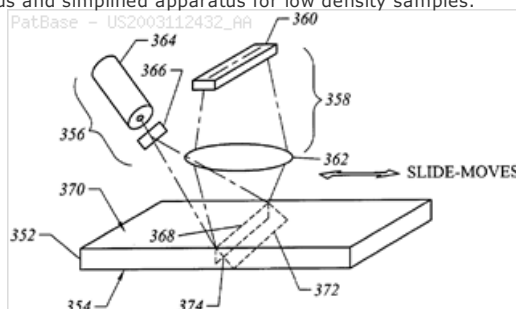
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European: G01N21/25B2 G01N21/47 G01N21/49 G01N21/77 G01N33/543D6 G01N33/58 G01N33/68A S01N15/02B S01N15/14H2 S01N15/14H3 S01N21/47F3 S01N21/64G3 S01N21/64H7A

US: 356/244 356/244S 356/300 356/300P 356/317 356/317P 356/338 356/338P 356/417 356/417S 702/28 702/28P

Family:

Publication number	Publication date	Application number	Application date
AU2002331833 AA	20030318	AU20020331833	20020905
AU2002343339 AA	20030318	AU20020343339	20020905
CA2459570 AA	20040303	CA20022459570	20020905
EP1432971 A2	20040630	EP20020768823	20020905
EP1432971 A4	20071205	EP20020768823	20020905
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EP1432976 A4	20071128	EP20020780278	20020905
EP2302363 A2	20110330	EP20100183894	20020905
EP2309253 A2	20110413	EP20100183562	20020905
JP2005502060 T2	20050120	JP20030526062T	20020905
JP2008281571 A2	20081120	JP20080137426	20080527
JP2009204616 A2	20090910	JP20090102668	20090421
US2003112432 AA	20030619	US20020236103	20020905
US2003139886 AA	20030724	US20020236169	20020905
US2008137080 AA	20080612	US20070835982	20070808
US2009190129 AA	20090730	US20090356975	20090121
WO03021231 A2	20030313	WO2002US28566	20020905
WO03021231 A3	20030501	WO2002US28566	20020905



WO03021231 C2	20031113	WO2002US28566	20020905
WO03021853 A2	20030313	WO2002US28475	20020905
WO03021853 A3	20030912	WO2002US28475	20020905

Priority:

EP20020768823	20020905	EP20020780278	20020905	JP20030526062	20020905
US20010317543P	20010905	US20020376049P	20020424	US20020364962P	20020312
US20020236103	20020905	US20020236169	20020905	JP20030526062T	20020905
WO2002US28475	20020905	WO2002US28566	20020905	US20070835982	20070808
US20090356975	20090121				

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

18) Family number: 28849708 (US2003063388A)

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Title: METHOD AND APPARATUS FOR CONFIGURATION AND ASSEMBLY OF A VIDEO PROJECTION LIGHT MANAGEMENT SYSTEM

Abstract: Source: US2003063388A A pathlength matched prism assembly is constructed from Polarizing Beam Splitter optical components having varying degrees of precision by arranging them in pathlength matched positions and fixing them to a baseplate or frame. Gaps between the optical components are sealed by the frame or adhesive sealant. Planar optical elements are inserted between the optical components and space between the components and elements is filled with an optical coupling fluid having an index of refraction that closely matches the index of refraction of both components and elements. An expansion compensation device is attached to the prism assembly to compensate of expansion and contraction of the optical coupling fluid. The prism assembly is best suited for use in HDTV and High Definition video projectors.

Classifications:

International (IPC 8-9): G02B26/08 G02B27/00 G02B27/10 G02B27/14 G02B27/18 G02B27/28 G02B5/04 G02B5/30 G02B7/00 G02B7/18 G02F1/00 G02F1/13 G02F1/1335 G03B21/00 G03B21/14 G03B21/28 G09G3/00 H04N5/74 H04N7/015 H04N9/07 H04N9/31 (Advanced/Invention); G02B27/10 G02B27/14 G02B27/18 G02F1/1362 G03B21/00 (Advanced/Non-invention); G02B26/08 G02B27/00 G02B27/10 G02B27/14 G02B27/18 G02B27/28 G02B5/04 G02B5/30 G02B7/00 G02B7/18 G02F1/00 G02F1/13 G03B21/00 G03B21/14 G03B21/28 H04N5/74 H04N9/07 H04N9/31 (Core/Invention)

International (IPC 1-7): G02B G02B21/00 G02B21/14 G02B21/30 G02B27/00 G02B27/10 G02B27/12 G02B27/14 G02B27/18 G02B3/12 G02B5/04 G02B5/30 G02B7/18 G02F1/00 G02F1/03 G02F1/07 G02F1/13 G02F1/1333 G02F1/1335 G03B21/00 G03B21/14 G03B21/26 G03B21/28 G09G3/04 G09G3/10 G09G3/36 H04N7/015

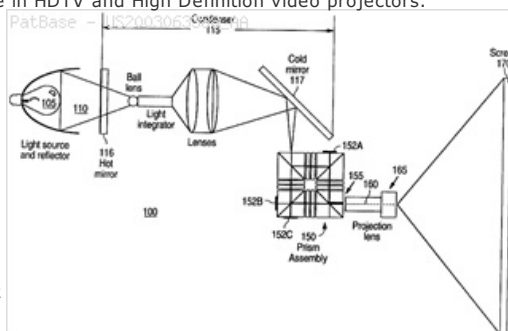
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European: G02B27/00G G02B27/10A1 G02B27/10A3R G02B27/10M G02B27/14S G02B27/28B G02B5/00 G02B5/30L G02B7/00 G02B7/18P G02F1/1335J G03B21/20 G03B21/28 G09G3/00B2 G09G3/36C H04N9/31A1 H04N9/31R H04N9/31R5P H04N9/31S H04N9/31T H04N9/31V S02B27/117 S02F1/13363W S02F1/1362 S02F1/1362S S02F203/02 S09G320/02G S09G320/06A S09G320/06P S09G320/06T

US: 345/3.3 345/698 348/337 348/338 348/751 348/758 348/E09.027 348/E9.027 348/E90.27 348/E90.27S 349/102 349/108 349/115 349/117 349/5 349/56 349/58 349/8 349/85 353/100 353/122 353/122P 353/14 353/20 353/31 353/33 353/81 353/82 353/97 353/97P 359/226 359/226.1 359/237 359/245 359/246 359/251 359/256 359/487.02 359/487.020P 359/487.04 359/487.040S 359/487.05 359/487.050S 359/489.05 359/489.050S 359/489.07 359/489.070S 359/489.08 359/495 359/495P 359/618 359/618P 359/627 359/629 359/634 359/634P 359/638 359/831 359/831S 359/833

Family:

Publication number	Publication date	Application number	Application date
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

19) Family number: 28447285 (US2003186140A)

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Title: MASKLESS PHOTOLITHOGRAPHY FOR USING PHOTOREACTIVE AGENTS

Abstract: Source: US2003186140A The present invention relates to maskless photolithography using a patterned light generator for creating 2-D and 3-D patterns on objects using photoreactive chemicals. In an embodiment, the patterned light generator uses a micromirror array to direct pattern light on a target object. In an alternate embodiment, the patterned light generator uses a plasma display device to generate and direct patterned light onto a target object. Specifically, the invention

provides a maskless photolithography system and method for creating molecular imprinted array devices, integrated microsensors and fluidic networks on a substrate, integrated circuits of conducting polymers, and patterns on substrates using photochemical vapor deposition. For creating molecular imprinted array devices, the invention provides a system and method for applying a photoreactive reagent comprising photopolymer receptors and extractable target compounds, exposing the substrate to patterned light to activate the photopolymer to form molecular imprints of the target compounds corresponding to the pattern of incident light. For creating integrated circuits of conducting polymers, the invention provides a system and method for applying a photoreactive conducting polymer reagent to a substrate, exposing the substrate to patterned light to activate the photoreactive conducting polymer reagent to form integrated circuits corresponding to the circuit pattern of incident light. In an embodiment the substrate is a photoreactive conductive polymer. For creating integrated microsensors and fluidic networks on a substrate, the invention provides a system and method for applying a photoreactive sensor creating compound and a photoreactive fluid channel creating compound to a substrate, exposing the substrate to patterned light to activate the photoreactive compounds to form microsensor arrays and fluidic networks corresponding to the pattern of incident light. For creating patterns on substrates using photochemical vapor deposition, the invention provides a system and method for exposing a substrate to photoreactive gases and patterned light to deposit chemicals on the substrate corresponding to the pattern of incident light.

Classifications:

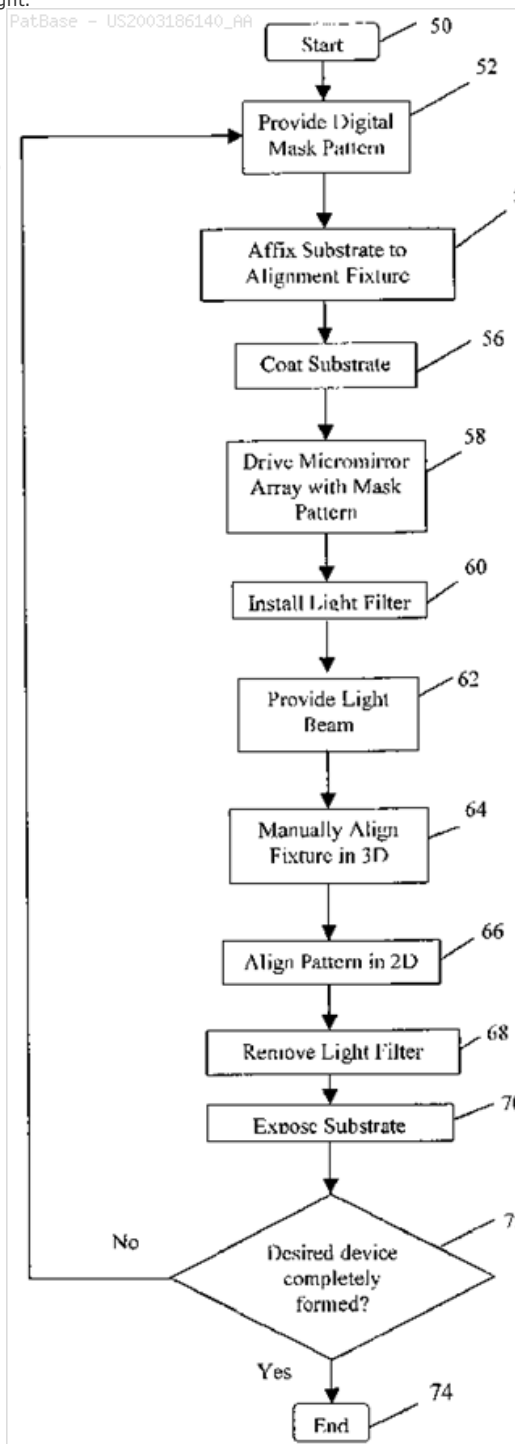
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CPC: G03F9/7003 C12Q1/6816 C12Q1/6837 Y10S977/924 C12Q1/701 Y10T428/31678 G03F7/2051 G03F7/70341 G03F9/70 G03F7/2043 G03F7/70291 G03F7/70283 G03F7/0041 G03F9/00 G03F7/2002

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Publication number	Publication date	Application number	Application date
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WO04001508 A3	20040805	WO2003US20019	20030624

Priority:

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Agent(s): SALIWANCHIK LLOYD AND SALIWANCHIK A PROFESSIONAL ASSOCIATION; SALIWANCHIK LLOYD AND SALIWANCHIK, A PROFESSIONAL ASSOCIATION; SALIWANCHIK LLOYD AND SALIWANCHIK

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

20) Family number: 28290889 (US2003231485A)

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Title: TUBULAR ELECTRO-LUMINESCENT PANEL(S) LIGHT DEVICE

Abstract: Source: US2003231485A A tubular Electro-Luminescent panel(s) light device offer a desired bending directions with super brightness basing on certain width of panel incorporated proper invector system. The said panel(s) with much narrow width than tube means to allow the panel(s) can be bend at any direction and angle within the tube means to offer a desired light effects. The said panel(s) can be flat or twisted within the tube means which may have the desired colored, transparency, wall thickness, diameter, shape, length for requirement. The said device may incorporated with non-elastic means, magnetic means, tube holder, sensor means, Integrated circuit to add a lot of desired variety features.

Classifications:

International (ipc 8-9): A41D27/08 A41G1/00 A42B1/24 A43B3/00 A45C15/06 B60Q1/26 B60Q3/02 B60R11/00 B60R13/00 C10G1/00 C12M1/00 C12M1/06 C12M1/12 C12M1/34 C12M3/00 F21K2/00 F21K9/232 F21K99/00 F21L13/00 F21L14/00 F21L4/00 F21L4/02 F21L4/08 F21S10/00 F21S10/02 F21S10/06 F21S2/00 F21S4/00 F21S6/00 F21S8/00 F21S8/08 F21S9/02 F21V1/00 F21V1/10 F21V11/00 F21V13/00 F21V13/02 F21V14/00 F21V14/02 F21V14/06 F21V14/08 F21V15/01 F21V17/00 F21V17/02 F21V19/00 F21V19/02 F21V21/00 F21V21/005 F21V21/08 F21V21/092 F21V21/14 F21V21/22 F21V21/26 F21V21/30 F21V23/00 F21V23/02 F21V23/04 F21V23/06 F21V25/02 F21V29/00 F21V29/502 F21V29/70 F21V3/00 F21V3/02 F21V31/00 F21V33/00 F21V5/00 F21V5/04 F21V7/00 F21V7/04 F21V8/00 F21V9/00 F21V9/16 G01J5/00 G01S3/786 G02B27/22 G02F1/13 G02F1/1335 G02F1/13357 G03B1/00 G03B15/03 G03B19/18 G03B21/00 G03B21/14 G03B21/20 G03B23/00 G03B29/00 G03B3/00 G03H1/22 G04B19/04 G04B19/30 G04B37/12 G04B47/00 G04C10/00 G04C19/00 G04G99/00 G06F1/26 G06K9/00 G06T7/00 G06T7/20 G08B13/24 G09F13/18 G09F13/22 G09F23/00 G09F23/04 G09F9/33 G09G3/30 G09G3/32 H01L21/00 H01L21/68 H01R11/00 H01R13/66 H01R25/00 H01R27/00 H01R3/00 H01R33/00 H01R33/009 H01R39/00 H02G3/14 H02J4/00 H02J7/00 H02J7/02 H02M1/00 H04N1/21 H04N5/225 H04N5/232 H04N5/235 H04N5/247 H04N5/33 H04N5/76 H04N5/77 H04N7/18 H04N9/31 H05B33/08 H05B37/02 H05B41/30 (Advanced/Invention); B60R13/02 F21S2/00 F21V1/10 F21V21/22 F21V21/29 F21V21/30 F21V23/04 F21V23/06 F21V33/00 F21V8/00 F21V9/08 F21W121/00 F21W131/30 F21Y101/00 F21Y101/02 G02B5/32 G09F13/22 H01H9/18 H01J7/44 H01R103/00 H01R13/713 H01R24/76 (Advanced/Non-invention); A42B1/00 A43B3/00 A45C15/00 B60Q3/00 B60R11/00 B60R13/00 F21L4/00 F21S4/00 F21V1/00 F21V17/00 F21V21/00 F21V21/005 F21V21/08 F21V21/14 F21V23/00 F21V23/04 F21V3/00 F21V33/00 G03B21/00 G03B21/14 G09F13/22 H01R3/00 H01R33/00 H05B37/02 (Core/Invention); B60R13/02 G02B5/32 (Core/Non-invention)

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Family:

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Probable Assignee: TORMACH LLC**Assignee(s):** (std): CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; TORMACH LLC ; WALLAGE RAYMOND ROGER**Inventor(s):** (std): WALLAGE RAYMOND ROGER ; CHIEN TSENG LU ; CHIEN TSENG L ; CHIEN TAENG LU**Inventor(s):** CHIEN TSENG**Agent(s):** BACON AND THOMAS PLLC; ROBERT**21) Family number: 31721274 (US2005048599A)**

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Title: SENSITIVE AND RAPID DETERMINATION OF ANTIMICROBIAL SUSCEPTIBILITY

Abstract: Source: US2005048599A The present invention relates to moving microorganisms to a surface, where they are grown in the presence and absence of antimicrobials, and by monitoring the growth of the microorganisms over time in the two conditions, their susceptibility to the antimicrobials can be determined. The microorganisms can be moved to the surface through electrophoresis, centrifugation or filtration. When the movement involves electrophoresis, the presence of oxidizing and reducing reagents lowers the voltage at which electrophoretic force can be generated and allows a broader range of means by which the target can be detected. Monitoring can comprise optical detection, and most conveniently includes the detection of individual microorganisms. The microorganisms can be stained in order to give information about their response to antimicrobials.

Classifications:

International (IPC 8-9): C12M1/34 C12Q1/00 C12Q1/02 C12Q1/04 C12Q1/06 C12Q1/18 C12Q1/68 G01N1/28 G01N1/38 G01N1/40 G01N21/27 G01N21/64 G01N21/77 G01N27/30 G01N27/416 G01N27/447 G01N27/453 G01N27/60 G01N27/74 G01N33/15 G01N33/48 G01N33/50 G01N33/52 G01N33/53 G01N33/543 G01N33/554 G01N33/561 G01N33/569 G06F19/10 (Advanced/Invention); C40B30/06 (Advanced/Non-invention); C12Q1/02 C12Q1/04 G01N27/416 G01N27/447 G01N27/453 G01N33/15 G01N33/50 G01N33/53 G01N33/554 G01N33/569 (Core/Invention)

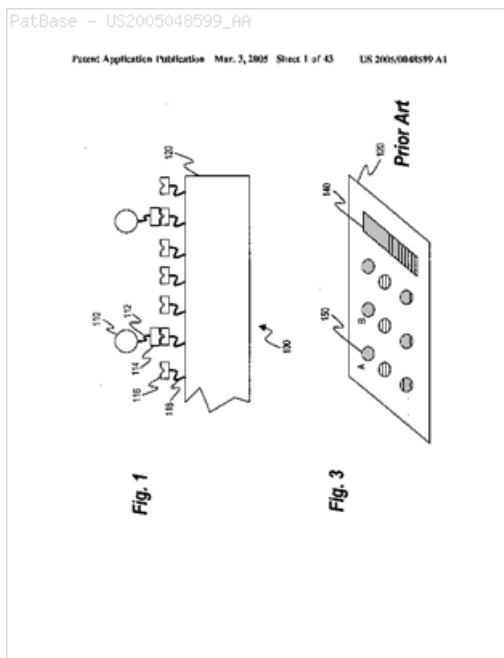
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Family:

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Assignee(s): (std): ACCELERATE DIAGNOSTICS INC ; ACCEL8 TECH CORP ; ACCEL8 TECHNOLOGY CORP ; GOLDBERG DAVID A ; HOWSON DAVID C ; METZGER STEVEN W ; BUTTRY DANIEL A ; SAAVEDRA STEVEN SCOTT ; DANIEL BUTTRY

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

22) Family number: 31767603 (US2005112634A) © PatBase

Title: HIGH DENSITY SEQUENCE DETECTION METHODS AND APPARATUS

Abstract: Source: US2005112634A Methods for amplifying polynucleotides, e.g., by PCR, in a sample comprising polynucleotide targets present at very low concentration, comprising: (a) applying amplification reactants to the surface of a substrate comprising reaction spots, wherein the reactants comprise the sample and an amplification reagent; (b) forming a sealed reaction chamber, having a volume less than about 120 nanoliters, preferably less than about 20 nanoliters, over each of said reaction spots; and (c) thermal cycling the substrate and reactants. In one embodiment, the forming step comprises loading a sealing fluid, e.g., mineral oil, on the surface so as to cover the reaction spots. The present invention also provides microplates, comprising: (a) a substrate having at least about 10,000 reaction spots, each comprising a primer and a droplet of reagent having a volume less than about 120 nanoliters, preferably less than about 20 nanoliters; and (b) a sealing liquid isolating each of the spots.

Classifications:

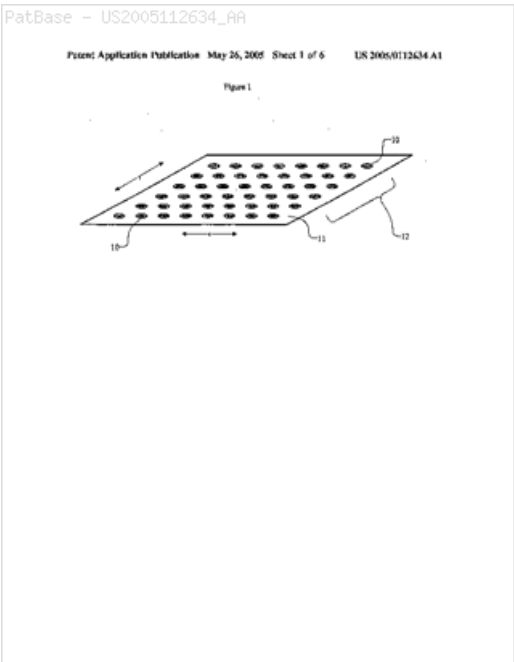
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Publication number	Publication date	Application number	Application date
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Probable Assignee: APPLIED BIOSYSTEMS LLC

Assignee(s): (std): BLASENHEIM BARRY ; LI ROBIN ; LU MIKE ; HARDING IAN ; KAO H PIN ; LIM GARY ; FAWCETT ADRIAN ; JONES BOB ; LIVAK KENNETH ; LIU TIMOTHY ; JONES ROBERT C ; HARDING IAN A ; LU MIKE Y ; LEHTO DENNIS A ; FOCARACCI JULIO P ; GUERRA ROBERT ; KAO H P ; HAYASHIBARA KATHLEEN C ; KARGER ACHIM ; LAIRD HYLAND FIONA C ; GUNSTREAM STEPHEN J ; KINNEY PATRICK D ; K LAU ALDRICH N ; CARRILLO ALBERT ; BODNER KEVIN ; BODEAU JOHN ; BAHATT DAR ; ERMAKOV SERGEY ; CARRILLO ALBERT L ; BLASENHEIM BARRY J ; BODEAU JOHN P ; BEARD NIGEL P ; APPLIED BIOSYSTEMS LLC ; AMIN YUSUF ; ANGELICA STEVE ; APLERA CORP ; APPLERA CORP ; APPLIED BIOSYSTEM LLC ; APPLIED BIOSYSTEMS ; LIFE TECHNOLOGIES CORP ; LIVAK KENNETH J ; STUDIOTAMPA INC ; STAMP ARLENE ; REEVE VINCENT ; SANDELL DON ; PATEL JAYNISH ; WOUDENBERG TIMOTHY ; OLDDHAM MARK ; REED MARK T ; SHANNON MARK ; OLDDHAM MARK F ; RUFF DAVID ; SANDELL DONALD ; MACK JEROME A ; NGUYEN HOANG ; REEVE VINCENT M ; YAN TONY S ; WOUDENBERG TIM ; OSTADAN OMEAD ; PRATT MARK R ; STEVENS JUNCO F ; TOMANEY AUSTIN B ; YOUNG GREG ; TOMANEY AUSTIN ; STEVENS JUNCO F ; ULDHAM MARK ; WOUDENBERG TIMOTHY M ; SHANNON MARK E ; RUFF DAVID W

Assignee(s): BANK OF AMERICA NA AS COLLATERAL AGENT ; LIFE TECHNOLOGIES CARLSBAD CORP ; LIFE TECHNOLOGIES CORP CARLSBAD ; APPLIED BIOSYSTEMS INC ; BANK OF AMERICA NA COLLATERAL AGENT AS ; KAO H

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Inventor(s): GUNSTREAM STEPHEN ; K LAU ALDRICH ; JONES ROBERT ; KINNEY PATRICK ; YAN TONY ; STEVENS JUNCO ; TOMANEY AUSTIN SAN FRANCISCO ; LEHTO DENNIS ; PRATT MARK ; REED MARK ; LAIRD HYLAND FIONA ; OLDDHAM MARK F LOS GATOS ; OLDDHAM MARK LOS GATOS ; LU MIKE Y SAN JOSE ; MACK JEROME ; KAO H ; HARDING IAN A SAN MATEO ; HAYASHIBARA KATHLEEN ; FAWCETT ADRIAN PLEASANTON ; FOCARACCI JULIO ; BEARD NIGEL ; CARRILLO ALBERT L REDWOOD CITY

Agent(s): WEBER BIRGIT DIPL BIOL DR RER NAT ; WOEHLEH CHRISTIAN ; CRAMPHORN CONRAD ET AL ; HARNESS DICKEY AND PIERCE PLC ; STEVE ANGELICA ; MILA KASAN PATENT DEPT APPLIED BIOSYSTEMS ; KILYK AND BOWERSOX PLLC ; INVITROGEN C O INTELLEVATE CORP ; LIFE TECHNOLOGIES C O INTELLEVATE CORP ; JEFFREY L ; JONES ROBB PLLC

Designated states: AE AG AL AM 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 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 MG MK ML MN MR MT 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 YU ZA ZM ZW

23) Family number: 32757639 (US2006077516A)

© PatBase

Title: DEVICE HAVING A CONDUCTIVE LIGHT ABSORBING MASK AND METHOD FOR FABRICATING SAME

Abstract: Source: US2006077516A A system and method for an optical component that masks non-active portions of a display and provides an electrical path for one or more display circuits. In one embodiment an optical device includes a substrate, a plurality of optical elements on the substrate, each optical element having an optical characteristic which changes in response to a voltage applied to the optical element, and a light-absorbing, electrically-conductive optical mask disposed on the substrate and offset from the plurality of optical elements, the optical mask electrically coupled to one or more of the optical elements to provide one or more electrical paths for application of voltages to the one or more optical elements. In another embodiment a method of providing an electrical signal to a plurality of optical elements of a display comprises electrically coupling an electrically-conductive light-absorbing mask to one or more optical elements, and applying a voltage to the mask to activate the one or more optical elements.

Classifications:

International (IPC 8-9): B01J2/04 B81B3/00 B81B7/00 B81B7/02 B81C1/00 C07D279/20 G02B26/00 G02B26/02 G02B26/08 G02F1/01 G02F1/1333 G02F1/21 G06T1/00 G09G3/00 G09G3/04 G09G3/34 G09G5/00 H01H59/00 H01J9/00 (Advanced/Invention); B81B7/02 (Advanced/Non-invention); B81B3/00 B81B7/00 B81C1/00 G02B26/00 G02B26/02 G02B26/08 G02F1/01 G02F1/13 G09G3/04 G09G3/34 H01H59/00 (Core/Invention); B81B7/00 (Core/Non-invention)

International (IPC 1-7): B81B7/02 G02B26/00 G02B26/02 G02B26/08

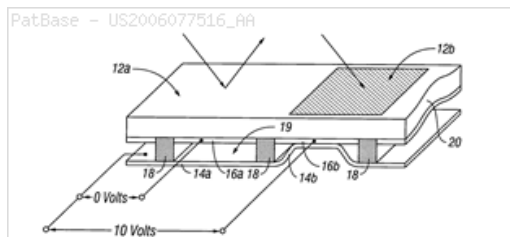
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European: G02B26/00C

US: 1/1 29/825 345/204 345/205 345/32 345/43 345/501 345/501P 345/76 348/203 349/110 349/111 359/223 359/223.1 359/230 359/237 359/243 359/254 359/290 359/290P 359/290S 359/291 359/295 359/296 445/24 445/24S

Family:

Publication number	Publication date	Application number	Application date
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EP1640770 A2	20060329	EP20050255663	20050914
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HK1087474 A3	20061013	HK20060109486	20060825
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US7542198 BB	20090602	US20070925692	20071026
US7889415 BB	20110215	US20090426168	20090417
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US8638491 BB	20140128	US20120571130	20120809
US9097885 BB	20150804	US20140164463	20140127
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Priority:

CA20052519983	20050916	EP20050255663	20050914	US19990453685	19991203
US20070925692	20071026	US20040613480	20040927	US20090426168	20090417
US20040613480P	20040927	US20050119432	20050429	US20110010665	20110120
US20110251009	20110930	US20120571130	20120809	US20140164463	20140127

Probable Assignee: SNAPTRACK INC

Assignee(s): (std): AJDISI EHLEHLSI ; AVECIA INC ; IDC LLC ; KOTHARI MANISH ; QUALCOMM MEMS TECHNOLOGIES INC

Assignee(s): QUALCOMM MEMS TECHNOLOGIES INC SAN DIEGO ; SNAPTRACK INC

Inventor(s): (std): KOTHARI MANISH ; KOTKHARI MANISH ; MANISH KOTHARI ; VANZIN DAVID ALAN

Inventor(s): KOTHARI MANISH CUPERTINO

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Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

24) Family number: 32757643 (US2006077533A)

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Title: METHOD AND SYSTEM FOR PACKAGING A MEMS DEVICE

Abstract: Source: US2006077533A A MEMS-based display device is described, wherein an array of interferometric modulators are configured to reflect light through a transparent substrate. The transparent substrate is sealed to a backplate and the backplate can contain electronic circuitry for controlling the array of interferometric modulators. The backplate can provide physical support for device components, such as electronic components which can be used to control the state of the display. The backplate can also be utilized as a primary structural support for the device.

Classifications:

International (IPC 8-9): B65D21/02 B81B3/00 B81B7/00 B81B7/02 B81B7/04 B81C1/00 B81C3/00 G02B26/00 G02B26/02 G02B26/06 G02B26/08 G02F1/00 G02F1/13 G02F1/21 G06F3/01 G09F9/30 G09G3/34 H01L21/00 H05K13/00 (Advanced/Invention); B65D21/02 B81B3/00 B81B7/00 B81C1/00 B81C3/00 G02B26/00 G02B26/02 G02B26/08 G02F1/00 G02F1/01 G02F1/13 G09F9/30

G09G3/34 (Core/Invention)

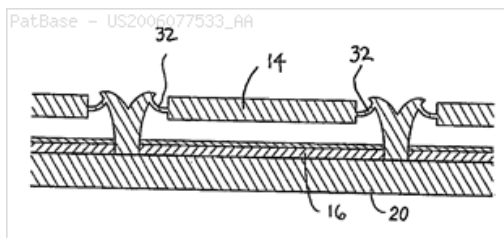
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CPC: Y10T29/49002 B81C1/0023 G02B26/001 G02F1/21

G09G3/3406 G02B26/08 B81B7/02

European: B81C1/00C12B G02B26/00C

US: 29/592.1 29/592.100S 359/223 359/224 359/224.1 359/237 359/238 359/290 359/290P 359/291 359/291P 359/321 359/513 359/513S



Family:

Publication number	Publication date	Application number	Application date
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CA2513030 AA	20060327	CA20052513030	20050722
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KR20120114192 A	20121016	KR20120094769	20120829
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Priority:

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Inventor(s): PHILIP D FLOYD ; SAMPSELL JEFFREY ; ARBUCKLE BRIAN ; PHILIP DAN FLOYD ; MARK WARNER MILES ; LUAREN PALMATEER ; JEFFREY BRIAN SAMPSELL ; BRIAN WILLIAM ARBUCKLE ; MILES MARK W SAMPSELL JEFFREY B PALMATEER LAUREN A ; BRIAN W ARBUCKLE ; FLOYD PHILIP ; MILES MARK

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; SMART AND BIGGAR; PICKER MADELINE MARGARET; DUNLOP HUGH CHRISTOPHER; KNOBBE MARTENS OLSON AND BEAR LLP

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

25) Family number: 32757635 (US2006077507A)

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Title: CONDUCTIVE BUS STRUCTURE FOR INTERFEROMETRIC MODULATOR ARRAY

Abstract: Source: US2006077507A Embodiments of an interferometric modulator are disclosed having various enhancements and features including a conductive bus. In certain embodiments, the interferometric modulator has a first conductive layer suspended over a second electrode layer. In certain embodiments, a second conductive layer is provided over the first conductive layer. One of the first and/or second conductive buses may further connect to the first electrode

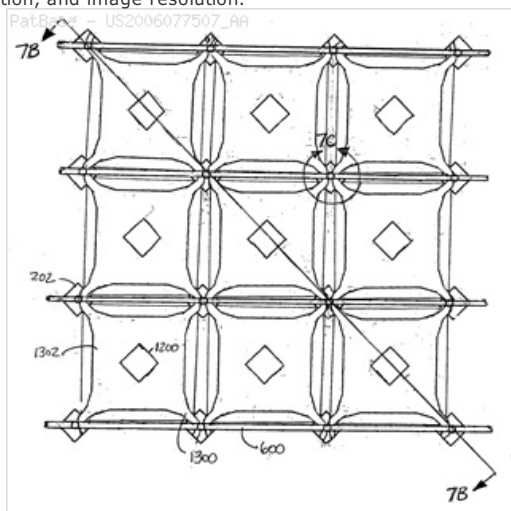
Classifications:

International (IPC 1-7): B81B5/00 B81B7/02 G02B26/00 G02F1/01
G02F1/03 H03D9/00

CPC: Y10T29/42 G09G3/3466 G02B26/001 B81B3/0086

B81B2201/042 Y10T29/49117 G02B26/08 G02B26/00 B81B7/02

European: B81B3/00S8 G02B26/00C G09G3/34E8 L81B201/04M
US: 1/1 29/25.35 29/25.350 29/825 29/825S 345/108 345/501
345/501P 345/85 359/198 359/198.1 359/223 359/223.1 359/224
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359/318P



Publication number	Publication date	Application number	Application date
AU2005203376 AA	20060413	AU20050203376	20050801
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US20110155264	20110607	US20130784491	20130304		

Assignee(s): (std): CHIANG CHIH WEI ; CHUI CLARENCE ; ENDISCH DENIS ; IDC LLC ; KOGUT LIOR ; SAMPSELL JEFFREY
B : TUNG YEH JIUN : TUNG MING HAU : QUALCOMM MEMS TECHNOLOGIES INC

Assignee(s): QUALCOMM MEMS TECHNOLOGIES INC SAN DIEGO : SNAPTRACK INC

Inventor(s): (std): CHUI CLARENCE SAMPSELL JEFFREY ; SAMPSELL JEFFREY B ; SAMPSELL JEFFREY ; TUNG YEH JIUN ; TUNG MING HAU ; KOGUT LIOR ; ENDISCH DENIS ; CHIANG CHIH WEI ; JEFFREY B SAMPSELL ; CLARENCE CHUI ; CHUI CLARENCE

Inventor(s): JEFFREY BRIAN SAMPSELL ; CHUI CLARENCE SAMPSELL JEFFREY B ; TUNG, YEH-JIUN ; TUNG, MING-HAU ; TUNG YEH JIUN AND

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; SMART AND BIGGAR; WAGNER AND GEYER PARTNERSCHAFT MBB PATENT U RECHTSANWALTE; DUNLOP HUGH CHRISTOPHER ET AL; DUNLOP HUGH CHRISTOPHER; PICKER MADELINE MARGARET ET AL; CARPINTERO MARIO; KNOBBE MARTENS OLSON AND BEAR LLP; ABUMERI MARK M

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 YU ZA ZM ZW

26) Family number: 32757408 (US2006067641A)

© PatBase

Title: METHOD AND DEVICE FOR PACKAGING A SUBSTRATE

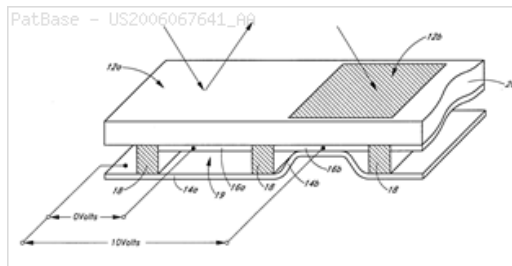
Abstract: Source: US2006067641A A package structure and method of packaging for an interferometric modulator. A thin film material is deposited over an interferometric modulator and transparent substrate to encapsulate the interferometric modulator. A gap or cavity between the interferometric modulator and the thin film provides a space in which mechanical parts of the interferometric modulator may move. The gap is created by removal of a sacrificial layer that is deposited over the interferometric modulator.

Classifications:

International (ipc 8-9): B65D61/00 B81B7/00 B81B7/02 B81C1/00 G02B26/00 G02B26/02 G02B26/08 G02B6/00 G02F1/00 G02F1/01 G02F1/13 G02F1/21 G09F9/30 H01J9/26 H01L23/31 (Advanced/Invention); B65D61/00 B81B7/00 B81C1/00 G02B26/00 G02B26/02 G02B26/08 G02B6/00 G02F1/00 G02F1/01 G02F1/13 G09F9/30 H01L23/28 (Core/Invention)

International (ipc 1-7): B65D61/00 B81B7/00 B81B7/02 G02B26/00 G02F1/01 H05B33/10

CPC: G02B26/007 G02B26/0833 G02B26/0825 B81B2201/047 B81C1/00285 B81C1/00333 B81C2203/0136 B81C2203/0145 G02B26/001 G02F1/01



European: B81B7/00F5 B81C1/00C14C2 B81C1/00C14Z B81C5/00U10 B81C5/00U4 L81B201/04Z L81C203/01G L81C203/01H S02B26/00C

US: 359/247 359/247P 359/290 359/290P 359/291 385/147 445/25 445/25S

Family:

Publication number	Publication date	Application number	Application date
AU2005203257 AA	20060413	AU20050203257	20050726
BRPI0503853 A	20060509	BR2005PI03853	20050923
CA2514348 AA	20060327	CA20052514348	20050729
CN102141679 A	20110803	CN201110053331	20050912
CN1755430 A	20060405	CN200510102599	20050912
EP1640330 A2	20060329	EP20050255702	20050914
EP1640330 A3	20081119	EP20050255702	20050914
HK1086635 A3	20060922	HK20060108822	20060809
IL169743 A0	20060221	IL20050169743	20050718
IN01152MU2005 A	20070622	IN2005MU01152	20050921
IN266522 B	20150515	IN2005MU01152	20050921
JP2006099057 A2	20060413	JP20050218816	20050728
JP2010231232 A2	20101014	JP20100137248	20100616
JP2014222345 A2	20141127	JP20140121816	20140612
KR101162592 B1	20120713	KR20110140059	20111222
KR101162593 B1	20120727	KR20050087404	20050920
KR20060087382 A	20060802	KR20050087404	20050920
KR20120003420 A	20120110	KR20110140059	20111222
MXPA05010095 A1	20060517	MX2005PA10095	20050921
MY139484 A	20091030	MY20050003309	20050719
RU2005129955 A	20070410	RU20050129955	20050926
RU2374171 C2	20091127	RU20050129955	20050926
SG121045 A1	20060426	SG20050004623	20050726
TW200626472 A	20060801	TW20050127184	20050810
TWI353335 B	20111201	TW20050127184	20050810
US2006067641 AA	20060330	US20050045738	20050128
US2009059342 AA	20090305	US20080192908	20080815
US2012002266 AA	20120105	US20110231640	20110913
US7424198 BB	20080909	US20050045738	20050128
US8045835 BB	20111025	US20080192908	20080815
US8682130 BB	20140325	US20110231640	20110913
VN9254 A1	20110627	VN20050001370	20050926

Priority:

CA20052514348 20050729 JP20050218816 20050728 US20040613318P 20040927
US20050045738 20050128 US20040613318 20040927 JP20100137248 20050728
US20080192908 20080815 US20110231640 20110913

Probable Assignee: SNAPTRACK INC

Assignee(s): (std): IDC LLC ; PALMATEER LAUREN ; MILES MARK ; SAMPSELL JEFFREY B ; KOTHARI MANISH ; QUALCOMM MEMS TECHNOLOGIES INC ; AJDISI EHLEHLSI ; CHUI CLARENCE ; CUMMINGS WILLIAM J ; GALLY BRIAN

Assignee(s): GALLY BRIAN J ; MILES MARK W ; SNAPTRACK INC

Inventor(s): (std): BRIAN J GALLY ; CHUI CLARENCE ; CHUI KLEHRENS ; CLARENCE CHUI ; GALLY BRIAN ; GALLY BRIAN J ; JEFFREY B SAMPSELL ; KAMMINGZ UILL JAM DZH ; KOTHARI MANISH ; KOTKHARI MANISH ; LAUREN PALMATEER ; MAJLS MARK V ; MANISH KOTHARI ; MARK W MILLES ; MILES MARK ; MILLES MARK W ; PALMATEER LAUREN ; PALMATIR LOREN ; CUMMINGS WILLIAM J ; GALLI BRAJAN DZH ; SAMPSELL JEFFREY B ; SEMPSELL DZHEFFRI B ; WILES MARK W ; WILLIAM J CUMMINGS ; GALLY BRIAN JAMES ; WILLIAM J COMINGS ; MILES MARK W ; KOTHARI PALMATEER LAUREN CUMMI

Inventor(s): PALMATEER LAUREN CUMMINGS WILLIAM J GALLY BRIAN MI ; PALMATEER LAUREN CUMMINGS WILLIAM J ; BRIAN JAMES GALLY ; MARK W MILES ; SAMPSELL JEFFREY ; KAMMINGZ UILL'JAM DZH. ; CUMMINGS WILLIAM

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; SMART AND BIGGAR; DUNLOP HUGH CHRISTOPHER ET AL; KNOBBE MARTENS OLSON AND BEAR LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

27) Family number: 32757395 (US2006077150A)

© PatBase

Title: SYSTEM AND METHOD OF PROVIDING A REGENERATING PROTECTIVE COATING IN A MEMS DEVICE

Abstract: Source: US2006077150A In various embodiments of the invention, a regenerating protective coating is formed on at least one surface of an interior cavity of a MEMS device. Particular embodiments provide a regenerating protective coating on one or more mirror surfaces of an interferometric light modulation device, also known as an iMoD in some embodiments. The protective coating can be regenerated through the addition of heat or energy to the protective coating.

Classifications:

International (IPC 8-9): B81B1/00 B81B3/00 B81B7/02 B81B7/04 G02B26/00 G02B26/08 G02F1/01 G02F1/13 G02F1/21 G09G3/34 H01L31/02 H01L31/0216 (Advanced/Invention);

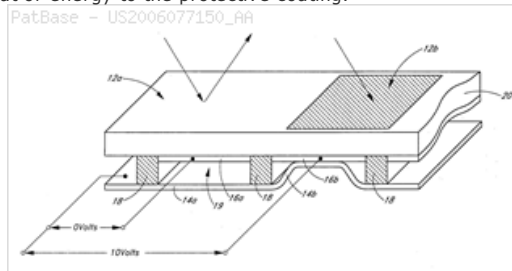
B81B1/00 B81B3/00 B81B7/00 G02B26/00 G02B26/08 G02F1/01 G02F1/13 G09G3/34 H01L31/02 H01L31/0216 (Core/Invention)

International (IPC 1-7): B81B7/02 B81C1/00 G02B1/10 G02B26/00 G02F1/21

CPC: B81C1/00944 B81B2201/047 B81C2201/112 B82Y30/00 G02B26/001 G02F1/21

European: B81B3/00F2 B81B7/00F7 B81C1/00S2F B82Y30/00 G02B26/00C L81B201/04S L81B201/04Z L81C201/11B L82T201/01T

US: 345/108 345/85 345/85P 348/770 348/771 359/290 359/291 359/298



Family:

Publication number	Publication date	Application number	Application date
AU2005203343 AA	20060413	AU20050203343	20050729
BRPI0503872 A	20060509	BR2005PI03872	20050926
CA2517109 AA	20060327	CA20052517109	20050825
CN100458538 C	20090204	CN200510103449	20050915
CN1755480 A	20060405	CN200510103449	20050915
EP1640315 A2	20060329	EP20050255681	20050914
EP1640315 A3	20080416	EP20050255681	20050914
HK1087189 A3	20061006	HK20060109186	20060818
IL169938 A0	20060221	IL20050169938	20050727
IN01023MU2005 A	20070622	IN2005MU01023	20050829
JP2006099068 A2	20060413	JP20050233673	20050811
KR20060092890 A	20060823	KR20050087784	20050921
MXPA05009405 A1	20060329	MX2005PA09405	20050902
RU2005129962 A	20070410	RU20050129962	20050926
SG121064 A1	20060426	SG20050005242	20050817
TW200626927 A	20060801	TW20050127335	20050811
US2006077150 AA	20060413	US20050134028	20050520
US7446926 BB	20081104	US20050134028	20050520

Priority:

CA20052517109 20050825 US20040613564 20040927 US20040613564P 20040927
US20050134028 20050520

Probable Assignee: SNAPTRACK INC

Assignee(s): (std): IDC LLC ; SAMPSELL JEFFREY B

Assignee(s): SNAPTRACK INC ; QUALCOMM MEMS TECHNOLOGIES INC

Inventor(s): (std): SAMPSELL JEFFREY B

Inventor(s): JEFFREY B SAMPSELL ; SAMPSELL JEFFREY

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; SMART AND BIGGAR; DUNLOP HUGH CHRISTOPHER ET AL; KNOBBE MARTENS OLSON AND BEAR LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

28) Family number: 32757751 (US2006066597A)

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Title: METHOD AND SYSTEM FOR REDUCING POWER CONSUMPTION IN A DISPLAY

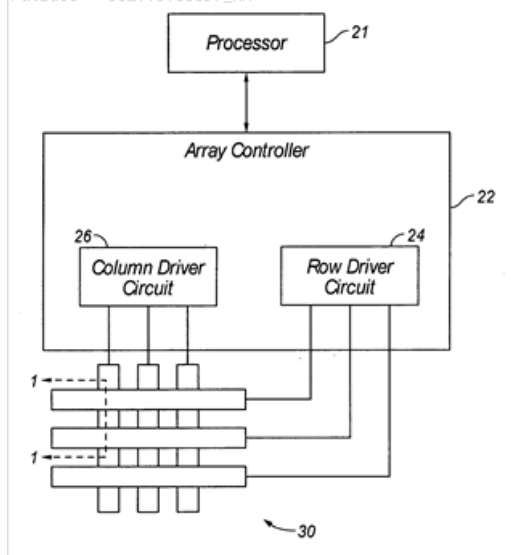
Abstract: Source: US2006066597A A method and system for reducing power consumption in a display includes driving a display comprising a plurality of display elements characterized by a display state. In a first mode of operation, the display state of substantially all the display elements is periodically re-set so as to display a first series of image frames. Upon changing to a second mode of operation, a second mode of operations comprises re-setting the display state of only a portion of the display elements so as to display a second series of image frames at a display element resolution which is less

than said display element resolution used to display said first series of image frames.

Classifications:

International (IPC 8-9): B81B7/00 B81B7/02 G02B26/00 G02F1/01 G02F1/13 G02F1/133 G02F1/21 G09G3/20 G09G3/30 G09G3/34 G09G3/36 G09G5/00 G09G5/10 G09G5/39 G09G5/391 H04N21/443 H04N21/462 H04N5/00 H04N5/63 H04N5/66 H04W36/00 (Advanced/Invention); G02B26/00 (Advanced/Non-invention); B81B7/00 G02B26/00 G02F1/01 G02F1/13 G09G3/20 G09G3/34 G09G5/00 G09G5/10 G09G5/36 H04N5/00 H04N5/63 (Core/Invention) **International (IPC 1-7):** G09G5/00 H01L31/02 H04N5/00 H04N5/63 **CPC:** G02B26/001 G09G2310/04 G09G2330/021 G09G2340/0407 G09G3/3607 G09G3/3466 H04N5/63 H04N21/462 H04N21/443 **European:** G09G3/34 G09G3/34E8 S02B26/00C S09G310/04 S09G330/02P S09G340/04C **US:** 345/108 345/204 345/204P 345/204S 345/212 345/212P 345/690 345/690P 345/698 345/87

PatBase - US2006066597_AA



Family:

Publication number	Publication date	Application number	Application date
AU2005209573 AA	20060413	AU20050209573	20050907
BRPI0503944 A	20060509	BR2005PI03944	20050926
CA2520352 AA	20060327	CA20052520352	20050921
CN1760970 A	20060419	CN200510105047	20050926
CN1760970 B	20110601	CN200510105047	20050926
EP1640953 A2	20060329	EP20050255664	20050914
EP1640953 A3	20080910	EP20050255664	20050914
HK1087516 A3	20061013	HK20060109562	20060828
IL170646 A0	20060221	IL20050170646	20050904
IN01160MU2005 A	20070824	IN2005MU01160	20050921
IN01581MU2014 A	20151002	IN2014MU01581	20140507
IN266445 B	20150508	IN2005MU01160	20050921
JP2006099106 A2	20060413	JP20050266792	20050914
JP2011141553 A2	20110721	JP20110022660	20110204
JP2013228734 A2	20131107	JP20130089244	20130422
JP4723328 B2	20110713	JP20050266792	20050914
JP5726943 B2	20150603	JP20130089244	20130422
JP5985154 B2	20160906	JP20110022660	20110204
KR101158349 B1	20120702	KR20050090053	20050927
KR101265991 B1	20130523	KR20120004899	20120116
KR101293202 B1	20130805	KR20120062870	20120612
KR20060092930 A	20060823	KR20050090053	20050927
KR20120047875 A	20120514	KR20120004899	20120116
KR20120094880 A	20120827	KR20120062870	20120612
MXPA05010239 A1	20060329	MX2005PA10239	20050923
RU2005129952 A	20070410	RU20050129952	20050926
SG121138 A1	20060426	SG20050005916	20050914
TW200625266 A	20060716	TW20050130886	20050908
TW201342354 A	20131016	TW20130122021	20050908
TWI412017 B	20131011	TW20050130886	20050908
TWI492213 B	20150711	TW20130122021	20050908
US2006066597 AA	20060330	US20050097827	20050401
US2009219309 AA	20090903	US20090463877	20090511
US2009225069 AA	20090910	US20090463877	20090511
US2012320108 AA	20121220	US20120584515	20120813
US2015084998 AA	20150326	US20140531872	20141103
US7532195 BB	20090512	US20050097827	20050401
US8243014 BB	20120814	US20090463877	20090511
US8471808 BB	20130625	US20090463900	20090511
US8878771 BB	20141104	US20120584515	20120813

Priority:

CA20052520352 20050921	JP20050266792 20050914	US20040613404P 20040927
US20050097827 20050401	US20040613404 20040927	JP20110022660 20050914
US20090463900 20090511	US20090463877 20090511	US20120584515 20120813
US20140531872 20141103		

Probable Assignee: SNAPTRACK INC

Assignee(s): (std): IDC LLC ; QUALCOMM MEMS TECHNOLOGIES INC ; SAMPSELL JEFFREY B

Assignee(s): SNAPTRACK INC

Inventor(s): (std): JEFFREY B SAMPSELL ; SAMPSELL JEFFREY B

Inventor(s): SAMPSELL JEFFREY

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; SMART AND BIGGAR; DUNLOP HUGH CHRISTOPHER ET AL; KNOBBE MARTENS OLSON AND BEAR LLP; KNOBBE MARTENS OLSON AND BEAR LLC

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

29) Family number: 34616856 (US2007148599A)

© PatBase

Title: MULTIPLE STEP PRINTING METHODS FOR MICROBARCODES

Abstract: Source: US2007148599A A method of forming a plurality of encoded microparticles with a lithography process to define codes for identifying the particles is disclosed herein.

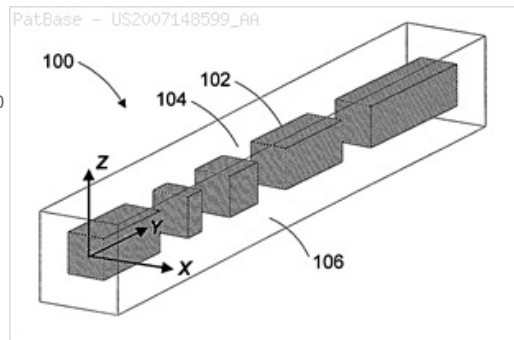
Classifications:

International (IPC 8-9): A61K9/50 B05D3/00 B05D5/00 B05D5/06 B05D5/12 B32B5/02 B32B9/00 B41J2/00 B82Y25/00 C12M1/00 C12N15/09 C12Q1/00 C12Q1/02 C12Q1/68 C40B30/04 C40B60/12 G01N1/00 G01N15/00 G01N21/17 G01N21/64 G01N21/76 G01N33/00 G01N33/48 G01N33/53 G01N33/532 G01N33/543 G01N33/552 G01N33/553 G01N33/573 G01N33/58 G03B27/42 G03C5/00 G03F7/00 G03F7/004 G03F7/20 G03F7/26 G06K19/06 G06K7/00 G06K7/10 G09F3/00 H01F1/00 (Advanced/Invention); A61K9/50 B05D5/00 B32B9/00 C12M1/00 C12N15/09 C12Q1/00 C12Q1/02 C12Q1/68 C40B30/04 G01N1/00 G01N21/76 G01N33/00 G01N33/48 G01N33/53 G01N33/543 G01N33/551 G01N33/573 G01N33/58 G03C5/00 G03F7/00 G03F7/004 G03F7/20 G06K7/10 (Core/Invention)

CPC: G01N33/54326 G11B5/66 G03F7/0002 G01N33/532 G03F7/0035 B82Y20/00 G09F3/00 H01F1/0072 Y10T428/2996 Y10T428/2991 G01N33/585 B82Y25/00 H01F10/10 Y10T428/2989 Y10T436/143333

European: B82Y20/00 B82Y25/00 G01N33/532 G01N33/543D4 G01N33/58H G09F3/00 S11B5/66 T01F1/00E11 T01F10/10

US: 235/454 235/454S 347/110 347/110P 355/53 355/53P 422/68.1 422/68.100S 427/129 427/129S 427/256 427/256S 427/331 427/331S 427/64 427/64P 428/402.24 428/403 428/403P 428/406 428/406P 430/270.1 430/270.1 430/271.1 430/311 430/311P 430/322 430/322P 430/324 430/330 430/394 430/396 430/396 430/5 430/8 430/8S 435/29 435/29S 435/4 435/4S 435/6.11 435/6.12 435/7.1 435/7.100S 435/7.2 435/7.200S 435/7.4 435/7.400S 436/172 436/172S 436/501 436/501P 436/518 436/518S 436/86 436/86S 436/94 436/94S 506/39 506/39P 506/41 506/9 506/9P



Family:

Publication number	Publication date	Application number	Application date
DE602006040683 D1	20140424	DE200660040683T	20060913
DE602006045408 D1	20150618	DE200660045408T	20060913
EP1933817 A2	20080625	EP20060836128	20060913
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EP2485052 A1	20120808	EP20120159104	20060913
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JP2009516822 T2	20090423	JP20080531423T	20060913
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US8945811 BB	20150203	US20130760849	20130206
WO07081410 A2	20070719	WO2006US36372	20060913
WO07081410 A3	20090507	WO2006US36372	20060913

Priority:

EP20060836128	20060913	EP20120159104	20060913	JP20080531423	20060913
US20050716694P	20050913	US20060521057	20060913	JP20080531423T	20060913
US20060521114	20060913	US20060521058	20060913	US20060521153	20060913
US20100779420	20100513	US20100779413	20100513	US20110330535	20111219
US20060762238P	20060125	US20100779401	20100513	WO2006US36372	20060913
US20110340254	20111229	US20110337024	20111223	US20110336699	20111223
US20120460662	20120430	US20130739912	20130111	US20130760849	20130206

Probable Assignee: AFFYMETRIX INC

Assignee(s): (std): AFFYMETRIX INC ; PACHE JARED C ; CICCOLELLA PAUL C ; GOLDBERG MARTIN J ; MITTMANN

MICHAEL P ; RU MICHAEL ; MA YUNQING ; TRUE RANDALL ; TRUE MATERIALS INC ; TRUE RANDALL J ; ZHANG AIGUO ; WITNEY FRANKLIN R

Assignee(s): GENERAL ELECTRIC CAPITAL AGENT CORP AS ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; AFFYMETRIX INC SANTA CLARA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS

Inventor(s): (std): GOLDBERG MARTIN J ; MITTMANN MICHAEL P ; RU MICHAEL ; TRUE RANDALL ; TRUE RANDALL J ; ZHANG AIGUO ; WITNEY FRANKLIN R ; RANDALL J TRUE ; MA YUNQING ; PACHE JARED C ; CICCOLELLA PAUL C

Inventor(s): TRUE RANDALL J SAN FRANCISCO

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR 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 MG MK ML MN MR 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

30) Family number: 43092035 (IN01029MU2005A)

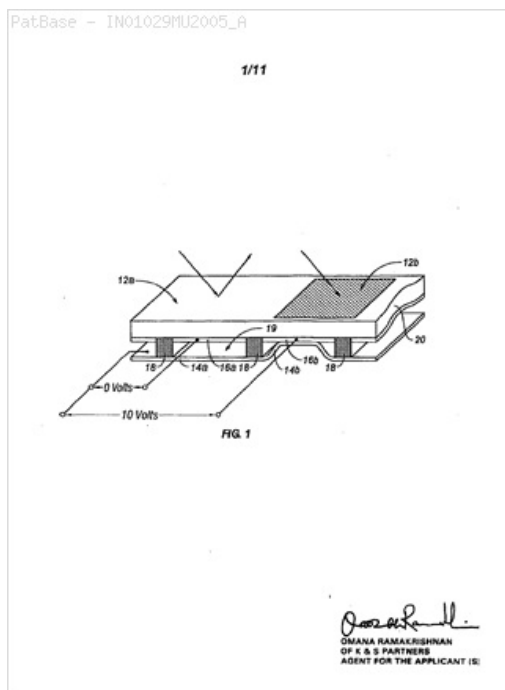
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Title: METHOD AND DEVICE FOR MULTI-STATE INTERFEROMETRIC LIGHT MODULATION

Abstract: Source: IN01029MU2005A A multi-state light modulator comprises a first reflector. A first electrode is positioned at a distance from the first reflector. A second reflector is positioned between the first reflector and the first electrode. The second reflector is movable between an undriven position, a first driven position, and a second driven position, each having a corresponding distance from the first reflector. In one embodiment, the three positions correspond to reflecting white light, being non-reflective, and reflecting a selected color of light. Another embodiment is a method of making the light modulator. Another embodiment is a display including the light modulator.

Classifications:

International (IPC 1-7): G02F1/01 G02F1/03



Family:

Publication number	Publication date	Application number	Application date
IN01029MU2005 A	20070629	IN2005MU01029	20050829
IN266275 B	20150424	IN2005MU01029	20050829

Priority:

US20040613486 20040927 US20040613499P 20040927 US20040613486P 20040927
US20050112734 20050422

Probable Assignee: IDC LLC

Assignee(s): IDC LLC ; QUALCOMM MEMS TECHNOLOGIES INC

Inventor(s): BRIAN J GALLY ; BRIAN JAMES GALLY ; CLARENCE CHUI ; WILLIAM J CUMMINGS ; WILLIAM JEROME CUMMINGS

31) Family number: 34858992 (US2007161907A)

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Title: MICRO VEIN ENHANCER

Abstract: Source: US2007161907A The present invention is a Miniature Vein Enhancer that includes a Miniature Projection Head. The Miniature Projection Head may be operated in one of three modes, AFM, DBM, and RTM. The Miniature Projection Head of the present invention projects an image of the veins of a patient, which aids the practitioner in pinpointing a vein for an intravenous drip, blood test, and the like. The Miniature projection head may have a cavity for a power source or it may have a power source located in a body portion of the Miniature Vein Enhancer. The Miniature Vein Enhancer may be attached to one of several improved needle protectors, or the Miniature Vein Enhancer may be attached to a body similar to a

flashlight for hand held use. The Miniature Vein Enhancer of the present invention may also be attached to a magnifying glass, a flat panel display, and the like.

Classifications:

International (IPC 8-9): A61B1/07 A61B17/34 A61B18/20 A61B5/00 A61B5/02 A61B5/024 A61B5/05 A61B5/107 A61B5/117 A61B5/1171 A61B5/1172 A61B5/15 A61B5/153 A61B6/00 A61B6/08 A61B90/98 A61M5/168 A61M5/42 A61M5/46 A61N5/06 E05C1/12 E05C3/00 E05C3/02 G02B26/08 G06F1/28 G06T5/00 H01S3/00 H04N5/33 H04N9/31 (Advanced/Invention);

A61B19/00 A61B5/024 A61B5/15 A61M5/168 (Advanced/Non-invention);

A61B5/00 A61B5/05 A61B5/107 A61B6/00 A61M5/42 A61N5/06 E05C3/00 (Core/Invention);

A61B5/15 A61M5/168 (Core/Non-invention)

CPC: A61B5/441 G06F11/3024 G06F11/3062 A61B5/0037

A61B5/0075 A61B5/7475 A61M5/46 A61B5/7239 A61B5/0064

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A61B5/15003 A61B5/1172 A61B5/1176 A61B5/72 A61B5/4839

A61B2576/00 A61B5/153 G06T5/009 H04N5/33 Y10T292/0994

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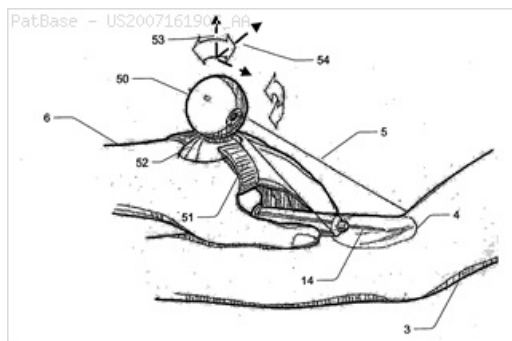
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A61M5/42 A61B5/00

European: A61B5/00P A61B5/00P1 A61B5/00P12D A61B5/00P1A A61B5/00P9 A61B5/48Y2 A61B5/68F A61M5/42D E05B1/00D E05B41/00 E05B63/20 G06F11/30A6 G06F11/30E1 K61B17/34D1 K61B19/44H K61B19/52L4 K61B5/00P1A K61B5/024 K61B5/02D K61B5/153 K61B5/44B K61B560/04B6 K61B560/04D K61B560/04J K61M5/42D P05B63/20B P05B65/08F

US: 1/1 2/181.4 2/183 2/410 2/417 2/425 2/452 292/173 292/173P 292/240 292/240P 292/DIG.2 292/DIG.20 292/DIG.4 292/DIG.47 348/136 348/77 353/119 353/28 353/39 359/199.3 359/199.4 359/200.7 359/200.8 359/224.1 362/552 362/553 362/572 600/310 600/310P 600/407 600/407P 600/425 600/425P 600/427 600/427P 600/472 600/473 600/473P 600/474 600/475 600/476 600/476P 600/476S 600/478 600/478P 600/479 600/479S 600/573 600/573S 604/115 604/116 604/116P 604/173 604/177 604/178 604/179 604/48 604/93.01 606/1 606/10 606/11 606/12 606/13 606/130 606/17 606/18 606/2 606/3 607/89 607/89P 713/340 713/340P



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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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 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 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 PE PG PH PL PT RO RS RU 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

32) Family number: 41759190 (US2012015391A)

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Title: BIOCHEMICAL REACTOR

Abstract: Source: US2012015391A A biochemical reactor involves an online cell examination microscope (4) thereon. Said online cell examination microscope (4) comprises a main body (43), an objective lens (24), an observation entrance window (22), a sampling device (40), an external light source system (60). Said observation entrance window (22) lies in front of said main body (43) and the sampling device (40) lies in front of said observation entrance window (22). An objective lens (24) and said external light source system (60) lie behind the observation entrance window (22) in the main body (43). A reflector prism (25) is installed between the external light source system (60) and the objective lens (24). A reflector (23) lies behind the objective lens (24) and in front of the observation entrance window (22). An annular diaphragm (26) is placed in front of the reflecting prism (25). A CCD or an area image sensor (30) is arranged on the upper side of the reflectance prism (25). The sampling device (40) includes a sampling piece (21), an elastic element (38) and a mobile device. Said elastic element (38) is installed between the sampling piece (21) and the drive shaft (51) of the mobile device. A space between the head end of the sampling piece (21) and the observation entrance window (22) develops the sampling pool (50).

Classifications:

International (IPC 8-9): C12M1/00 C12M1/06 C12M1/34 C12M1/36 C12M3/00 C12Q1/02 G01N21/25 G01N21/64 G02B21/00 G02B21/36 (Advanced/Invention)

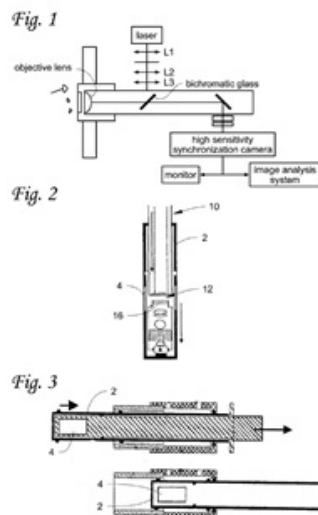
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European: C12M41/46 G01N21/85 G02B21/00M3 G02B21/08B1 G02B21/36D

US: 435/288.7 435/288.700S 435/29 435/29P

PatBase - US2012015391_AA

Patent Application Publication Jan. 19, 2012 Sheet 1 of 19 US 2012/0015391 A1



Family:

Publication number	Publication date	Application number	Application date
CN201047885 Y	20080416	CN200720071207U	20070618
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WO08154869 A1	20081224	WO2008CN71348	20080618

Priority:

CN200720071207U 20070618 US20080665604 20080618 US20100871539 20100830
WO2008CN71348 20080618

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Inventor(s): (std): CHEN GONGJIAN ; CHU JU ; GUO MEIJIN ; HANG HAIFENG ; HE LIQING ; HUANG MINGZHI ; JIAN LIU ; LIQING HE ; LIU JIAN ; MA WENFENG ; MEIJIN GUO ; MING ZHANG ; SHAOJUAN WANG ; SILIANG ZHANG ; SUN GUOQIANG ; WANG YONGHONG ; WENFENG MA ; XIA JIANYE ; XUJUN YUAN ; XUN ZHANG ; YUAN XUJUN ; YUEFANG ZHANG ; ZHANG MING ; ZHANG SILIANG ; ZHANG XUN ; ZHANG YUEFANG ; ZHUANG YINGPING

Inventor(s): WANG SHAOJUAN

Agent(s): HAMRE SCHUMANN MUELLER AND LARSON PC; SHANGHAI PATENT AND TRADEMARK LAW OFFICE LLC

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 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

33) Family number: 49514324 (US2011213664A)

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Title: LOCAL ADVERTISING CONTENT ON AN INTERACTIVE HEAD-MOUNTED EYEPIECE

Abstract: Source: US2011213664A This disclosure concerns an interactive head-mounted eyepiece including an optical assembly through which the user views a surrounding environment and displayed content. The displayed content includes a local advertisement, wherein the location of the eyepiece is determined by an integrated location sensor and wherein the local advertisement has a relevance to the location of the eyepiece. The head mounted eyepiece may also include an audio device and the displayed content may comprise local advertisements and audio.

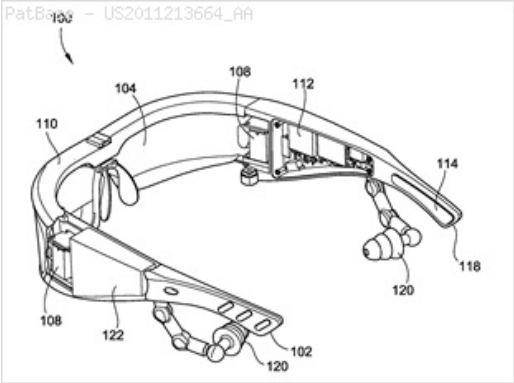
Classifications:

International (IPC 8-9): G01C21/00 G02B27/00 G02B27/01 G02B27/02 G02B27/14 G02B5/18 G02B5/23 G02B5/30 G02B6/00 G02B7/00 G02C11/00 G02C11/04 G02C7/00 G02F1/1335 G02F1/13357 G03B21/26 G03H1/00 G06F1/16 G06F13/00 G06F17/00 G06F17/30 G06F3/00 G06F3/01 G06F3/03 G06F3/033 G06F3/0346 G06F3/041 G06F3/048 G06F3/0488 G06K9/00 G06Q30/00 G06Q30/02 G06Q30/04 G06T15/00 G06T19/00 G09G5/00 G09G5/02 G09G5/10 G09G5/377 G10L19/00 H04N5/225 H04N5/232 H04N5/44 H04N5/64 H04N7/15 H04N7/18 (Advanced/Invention); A61B3/113 F21V8/00 G02B27/00 G02B27/01 G02B5/18 G02B5/30 G02B6/12 G03H1/22 G06F3/00 G06F3/01 H04N13/04 H04N7/14 (Advanced/Non-invention)

CPC: G02B27/1066 G02B27/281 H04N7/15 G01C21/3629 G02B27/0149 G02B2027/0132 G02B2027/0123 G02B2027/0127 G02B2027/0134 G02B5/3058 G02C5/143 G02B6/0011 G02C7/08 G02C9/00 G06F3/012 G06F3/014 G06F21/32 G02B6/12019 A61B3/113 G02B2027/0112 G02B2207/113 G02B2207/115 H04N7/142 H04N13/0468 G06F1/1673 G06Q30/0261 G02B5/23 G02B7/008 G03H1/2294 G02C7/086 G02B2027/0147 G06F3/0481 G06F3/14 G02B5/30 G02B27/0176 G02B6/0038 G02B6/0045 G02B6/0053 G02B6/0056 G02B6/12009 G06F3/0227 G06F3/04815 G06F13/00 G06Q50/26 G06F3/167 G02B2027/011 G02B6/00 G02B27/0172 G05D1/0016 G06F3/165 G06F3/03547 G06F3/04842 G02B5/1842 G06F3/016 G06K9/00604 G06K9/00617 H04N5/44 H04N5/23293 H04N5/2254 G02C11/10 G06K9/00255 G06K9/00671 G06F3/0304 G06F3/0428 G06F2203/0331 G06F2203/0338 G02B2027/0138 G02B2027/0187 G02B27/017 G02B27/0093 G02B2027/014 G02B2027/0178 G06F1/163 G06F3/005 G06F3/011 G06F3/013 G06Q30/02 H04R3/005 G02B5/04 G02B5/18 G02B5/28 G02B2027/0118 G06F3/0346 G06T19/006 G06F3/017 G06F3/0488 G02B27/02

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US: 1/1 345/156 345/156P 345/156S 345/158 345/158P 345/419 345/419P 345/589 345/589P 345/617 345/617S 345/633 345/633P 345/633S 345/690 345/690P 345/7 345/8 345/8P 345/8S 348/14.08 348/143 348/143P 348/158 348/78 348/E7.085 348/E70.85S 353/28 359/13 359/554 359/554S 359/567 359/630 382/115 382/115S 382/117 382/117S 382/118 382/118P 463/30 463/36 463/42 701/491 704/201 704/201S 704/E19.001 704/E19.001S 705/14.58 705/14.580P 705/14.580S 715/702 715/702P 715/773 715/773P



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

Assignee(s): (std): BIETRY JOSEPH ; BORDER JOHN N ; CELLA CHARLES ; HADDICK JOHN D ; LOHSE ROBERT MICHAEL ; KING ROBERT W ; KING III ROBERT W ; MILLER GREGORY D ; MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC ; MICROSOFT TECH LICENSING LLC ; OSTERHOUT GROUP INC ; WILDER KELLIE A ; POLINKO NICHOLAS R ; OSTERHOUT RALPH F ; STOVALL ROSS W ; NORTRUP ROBERT J ; NORTRUP EDWARD H

Assignee(s): OSTERHOUT GROUP INC153 TOWNSEND STREETSUITE 570SAN FRANCISCOCA94107US ; MICROSOFT CORPONE MICROSOFT WAYREDMONDWA98052-6399US

Inventor(s): (std): BIETRY JOSEPH ; HADDICK JOHN D ; KING III ROBERT W ; LOHSE ROBERT MICHAEL ; OSTERHOUT RALPH F ; POLINKO NICHOLAS R ; WILDER KELLIE A ; STOVALL ROSS W ; MILLER GREGORY D ; BORDER JOHN N ; SHAMS NIMA L ; KING ROBERT W ; NORTRUP ROBERT J ; NORTRUP EDWARD H ; CELLA CHARLES

Inventor(s): HADDICK JOHN DUS ; BORDER JOHN NUS ; BIETRY JOSEPHUS ; LOHSE ROBERT MICHAELUS

Agent(s): A J PARK ; AJ PARK ; BORDEN LADNER GERVAIS LLP ; SMART AND BIGGAR ; FINDLAY ALICE ROSEMARY ; FISCHER MICHAEL MARIA ; YAMAMOTO OSAMU ; TAKEUCHI SHIGEO ; ONO SHINJIRO ; KOBAYASHI YASUSHI ; NAKANISHI MOTOHARU ; NAKAMURA SHOGO ; GTC LAW GROUP LLP AND AFFILIATES ; RACHAEL ; MICKY ; JIM ; LEONARD ; JEREMY ; JUDY ; MICAH ; OKEY DAVID W

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 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 PA PE PG PH PL PT QA RO RS RU RW 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

34) Family number: 49705053 (US2013010175A)

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Title: METHOD AND DEVICE FOR ANALYZING THE OPTICAL QUALITY OF A TRANSPARENT SUBSTRATE

Abstract: Source: US2013010175A A device for analyzing a transparent surface of a substrate including a reference pattern facing a surface of the substrate to be measured. The reference pattern is formed on a support of short and long extents. A camera is provided for taking at least one image of the reference pattern distorted by the measured substrate. A reference pattern illumination system and a processor for processing the image and digital analysis are connected to the camera. The support is of oblong shape and the reference pattern is a one-directional pattern that extends along the shortest extent of the support. The pattern is transversely periodic to the short extent, and the camera is a linear camera.

Classifications:

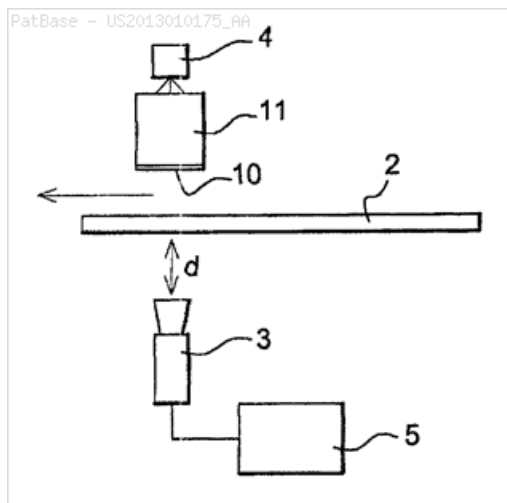
International (IPC 8-9): G01N21/896 G01N21/958

H04N5/225 (Advanced/Invention)

CPC: G01N21/896 G01N21/958 G01N2021/9513

European: G01N21/896 G01N21/958

US: 348/207.99 348/335 348/92 348/E5.024



Family:

Publication number	Publication date	Application number	Application date
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Priority:

FR20100052477 20100401 WO2011FR50675 20110328

Probable Assignee: SAINT GOBAIN

Assignee(s): (std): DAVENNE FRANC ; PICHON MICHEL ; SAINT GOBAIN ; SAINT GOBAIN GLASS FRANCE ; SAINT GOBAIN LINAK AS ; SAINT GOBAIN SA

Assignee(s): SAINT-GOBAIN GLASS FRANCE

Inventor(s): (std): DAVENNE FRANC ; PICHON MICHEL

Inventor(s): FRANC DAVENNE ; MICHEL PICHON

Agent(s): Neuviale Bertrand; SAINT GOBAIN RECHERCHE; KAWAGUTI AND PARTNERS; OBLON SPIVAK MCCLELLAND MAIER AND NEUSTADT 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 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 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 PE PG PH PL PT RO RS RU 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

35) Family number: 49886672 (US2013093805A)

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Title: DOUBLE STACKED PROJECTION

Abstract: Source: US2013093805A A method for producing a first output image and a second output image for being projected by a first projector and a second projector, respectively, is disclosed. The method comprises: providing a source image comprising a plurality of pixels, each pixel having a source value, providing a threshold value and an inverted threshold value for each pixel of the plurality of pixels, and generating there from a temporary image comprising a temporary value for each pixel of the plurality of pixels. The method further comprises generating the first output image comprising a first output value for each pixel of the plurality of pixels, the first output value being generated from the temporary value and the source value for each pixel, and generating the second output image comprising a second output value for each pixel of the plurality of pixels, the second output value being generated from the temporary value.

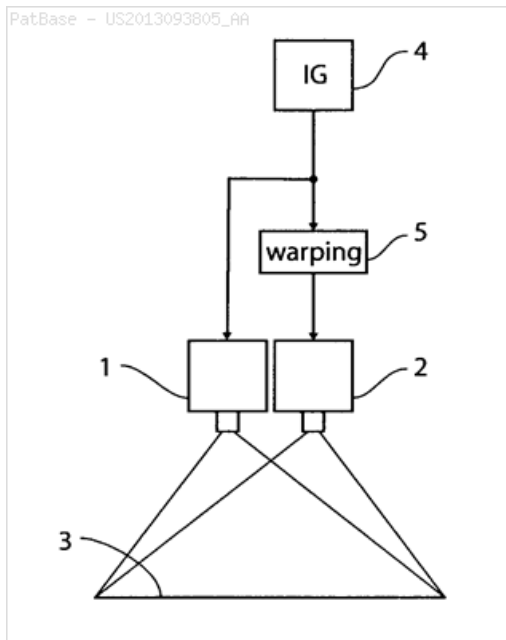
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H04N9/67 (Advanced/Invention)

CPC: H04N9/31 H04N9/67 G06T3/0093 G06T3/40 G06T5/50
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H04N9/31V S06T207/20221

US: 345/626 345/690 348/659 353/30 353/7

**Family:**

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EP2583468 B1	20151021	EP20110735974	20110621
EP2843618 A2	20150304	EP20140188609	20110418
EP2843618 A3	20150325	EP20140188609	20110418
EP2843618 B1	20160831	EP20140188609	20110418
IN03390KN2012 A	20130628	IN2012KN03390	20121105
JP2013531267 T2	20130801	JP20130505440T	20110418
JP2013536601 T2	20130919	JP20130515696T	20110621
JP5813751 B2	20151117	JP20130505440T	20110418
RU2012148896 A	20140527	RU20120148896	20110418
RU2013102535 A	20140727	RU20130102535	20110621
RU2562757 C2	20150910	RU20120148896	20110418
RU2575981 C2	20160227	RU20130102535	20110621
US2013093805 AA	20130418	US20110806105	20110621
US2013201403 AA	20130808	US20110641676	20110418
US8842222 BB	20140923	US20110641676	20110418
WO11134834 A2	20111103	WO2011EP56173	20110418
WO11134834 A3	20120308	WO2011EP56173	20110418
WO11160629 A1	20111229	WO2011DK00066	20110621

Priority:

DK20100000320	20100418	DK20100000321	20100418	US20100356980P	20100621
EP20110741133	20110418	EP20110735974	20110621	EP20140188609	20110418
WO2011EP56173	20110418	WO2011DK00066	20110621	US20110806105	20110621
US20110641676	20110418				

Probable Assignee: IMAX THEATRES INT LTD**Assignee(s):** (std): AJMAKS JUROP SA ; IMAX CORP ; IVERSEN STEEN SVENDSTORP ; SIRIUS DIGITAL APS ; IMAX EUROP SA ; IMAX THEATRES INT LTD**Assignee(s):** IMAX EUROPE SA ; IMAX CORP MISSISSAUGA ; IMAX EMEA LTD**Inventor(s):** (std): IVERSEN STEEN SVENDSTORP**Inventor(s):** IVERSEN STEEN**Agent(s):** BERESKIN AND PARR LLP SENCRL SRL; GODEMEYER BLUM LENZE PATENTANWALTE PARTNERSCHAFT MBB; PHILLIPS AND LEIGH; MIYOSHI HIDEKAZU; KILPATRICK TOWNSEND AND STOCKTON LLP; BUDE SCHOU A S; NIELSEN HENRIK STEN**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 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 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 PE PG PH PL PT RO RS RU 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: GEMSTONE REGISTRATION SYSTEM

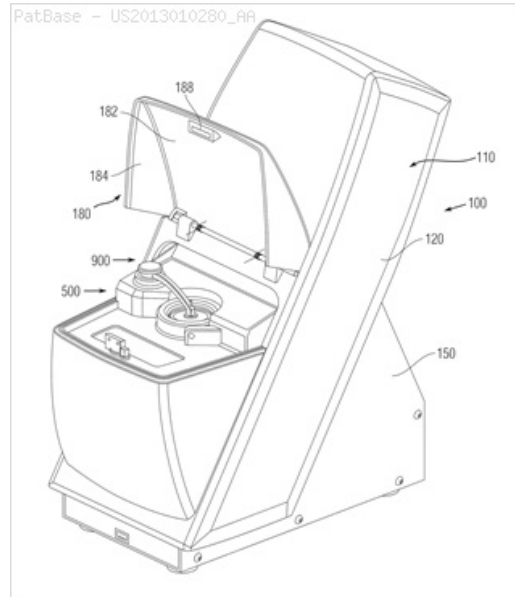
Abstract: Source: US2013010280A A device for producing a reproducible identification pattern of a polished gemstone includes light directing means for directing a focused beam of light onto a gemstone orientated in a particular known manner to produce an output of the internal refraction and reflection characteristics of the gemstone including reflected light beams having particular locations, sizes and intensities. The device also includes automated means for changing a position of the gemstone relative to the focused beam of light; and also a means for recording the output in a manner to record the relative size and location of the reflected light beams.

Classifications:

International (IPC 8-9): G01N21/00 G01N21/01 G01N21/41
G01N21/87 G01N21/88 G01N21/958 (Advanced/Invention)

CPC: G01N21/01 G01N2201/02 G01N2201/0633 G01N2201/06113
G01N21/87 G01N21/65 G01N21/66 G01N21/88

US: 1/1 356/30

**Family:**

Publication number	Publication date	Application number	Application date
CA2841053 AA	20140106	CA20122841053	20120705
CA2885298 AA	20150317	CA20132885298	20131008
CA2946232 AA	20161017	CA20152946232	20150527
US2013010280 AA	20130110	US20120542100	20120705
US2014063485 AA	20140306	US20130049033	20131008
US2015346108 AA	20151203	US20150723042	20150527
US2016025643 AA	20160128	US20150810935	20150728
US9128062 BB	20150908	US20120542100	20120705
US9488588 BB	20161108	US20150810935	20150728
WO13006677 A1	20130110	WO2012US45509	20120705
WO14058908 A1	20140417	WO2013US63924	20131008
WO15183947 A1	20151203	WO2015US32663	20150527

Priority:

US20110504599P	20110705	US20120542100	20120705	US20120585528P	20120111
US20130049033	20131008	US20120710883P	20121008	US20140003133P	20140527
WO2012US45509	20120705	WO2013US63924	20131008	US20150723042	20150527
US20150810935	20150728	WO2015US32663	20150527		

Probable Assignee: GEMOLOGICAL APPRAISAL ASS INC

Assignee(s): (std): GEMOLOGICAL APPRAISAL ASS INC ; GEMOLOGICAL APPRAISAL ASS INC ; PALMIERI DONALD A ; PALMIERI ANGELO W

Assignee(s): SUN YU ; LODHIYA RITWIK ; GEMOLOGICAL APPRAISAL ASSOCIATION INC ; GEMOLOGICAL APPRAISAL ASSOCIATION INC

Inventor(s): (std): LODHIYA RITWIK ; PALMIERI ANGELO W ; PALMIERI DONALD A ; SUN YU

Agent(s): GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; LEASON ELLIS LLP; ELLIS EDWARD J 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 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

Title: SEE THROUGH DISPLAY ENABLING THE CORRECTION OF VISUAL DEFICITS

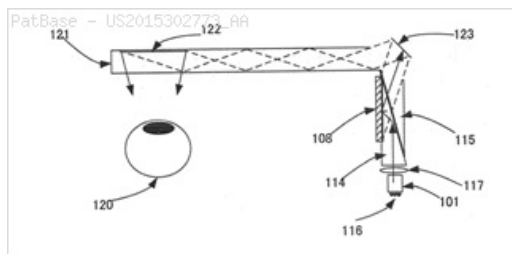
Abstract: Source: US2015302773A A See-Through Display System with the ability to correct visual deficits such as presbyopia, color blindness and poor night vision is disclosed. This invention enables the correction of visual deficits using camera(s), microdisplay(s), controlling circuit(s) and see through optics such as free form lens/mirror, half-mirror, diffractive and/or holographic optical element(s).

Classifications:

International (IPC 8-9): G02B26/00 G02B27/01 G02B27/02
G09B21/00 (Advanced/Invention)

CPC: G02B27/0172 G02B2027/0178 G02B5/30 G02B27/48
G02B2027/011 G02B2027/012 G02B2027/0123 G02B2027/0138
G02B2027/0174 G09B21/008 G02B6/0035 G02C11/10 G02C2202/10
G02B6/0031

US: 348/63



Family:

Publication number	Publication date	Application number	Application date
US2015302773 AA	20151022	US20140121588	20140920
WO14209431 A1	20141231	WO2014US00153	20140627

Priority:

US20130957258P 20130627	US20130958491P 20130729	US20130959953P 20130907
US20140966519P 20140225	US20140995664P 20140417	US20140121588 20140920

Probable Assignee: ISHII FUSAO

Assignee(s): (std): ISHII FUSAO

Inventor(s): (std): ISHII FUSAO ; STONE VICTOR

Agent(s): LIN BO IN

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

38) Family number: 60157323 (US2017024593A)

© PatBase

Title: DEVICE FOR READING AN IDENTIFICATION CODE ON A RUNNING GLASS SHEET

Abstract: Source: US2017024593A The device includes an illumination; a camera configured to acquire at least one image of at least one portion of a symbol, the running substrate being illuminated by the illumination; and a processor connected to the camera and configured to be suitable for implementing an image-processing step in which the acquired image is processed by the processor and decoded. The camera used is linear and the illumination is a dark field illumination. Furthermore, the device is configured to carry out, prior to the processor processing step, a plurality of image acquisitions with the linear camera of various portions of the symbol.

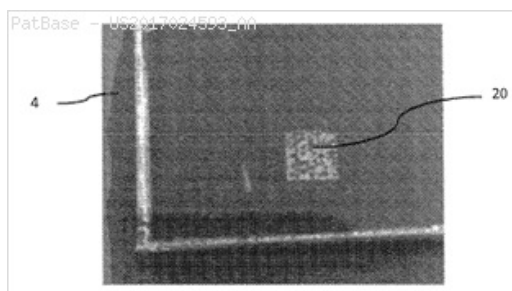
Classifications:

International (IPC 8-9): G06K7/10 G06K7/14 (Advanced/Invention)

CPC: G06K7/1413 G06K7/1417 G06K7/10732 G06K7/10722

G06K7/10792 G06K7/1404

US: 235/462.11



Family:

Publication number	Publication date	Application number	Application date
AU2014382569 AA	20150820	AU20140382569	20141219
CA2937391 AA	20160719	CA20142937391	20141219
CN105960646 A	20160921	CN201480075326	20141219
CO20160000727 A2	20161031	CO20160000727	20160808
EA201691597 A1	20170130	EA20160091597	20141219
EP3105707 A1	20161221	EP20140833587	20141219
FR3017477 A1	20150814	FR20140051030	20140211
FR3017477 B1	20160219	FR20140051030	20140211
IN201617027418 A	20161230	IN201617027418	20160811
JP2017510883 T2	20170413	JP20160551284T	20141219
KR20160119201 A	20161012	KR20167024707	20141219
MX2016010403 A1	20161017	MX20160010403	20141219
US2017024593 AA	20170126	US20140117787	20141219
WO15121550 A1	20150820	WO2014FR53482	20141219

Priority:

FR20140051030 20140211	WO2014FR53482 20141219
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Probable Assignee: SAINT GOBAIN GLASS FRANCE

Assignee(s): (std): SAINT GOBAIN ; SAINT GOBAIN GLASS FRANCE ; SAINT GOBAIN LINAK AS ; SAINT GOBAIN SA ; SAINT GOBAIN GLASS FRANCE S A

Assignee(s): SAINT GOBAIN GLASS FRANCE SA ; BROCARD NATHANAEL ; PERROTTON CEDRIC

Inventor(s): (std): PERROTTON CEDRIC ; NATHANAEL BROCARD ; CEDRIC PERROTTON ; BROCARD NATHANAEL

Inventor(s): PERROTTON CEDRIC

Agent(s): GRIFFITH HACK ; GOUDREAU GAGE DUBUC ; MARGARITA CASTELLANOS ABONDANO ; SAINT GOBAIN RECHERCHE ; AOKI ATSUSHI ; KOGA TETSUJI ; ISHIDA TAKASHI

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
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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

39) Family number: 62006628 (US2017163937A)

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Title: TRANSPARENT PROJECTION COMMUNICATION TERMINALS

Abstract: Source: US2017163937A Enterprise communication display systems enable life-like images for videoconferencing and entertainment productions. Life-like images appear in a 3D environment where imaged people are visible through the use of specially configured see-through displays. Imaged people can also be viewed amongst a reflected foreground. Methods for enterprise wide deployments for corporate, healthcare, education, and government communications, including hotel properties and a property management system are shown. The invention further advances the communication and display art by creating novel direct projection see-through screen configurations that eliminate unwanted secondary images in the room, conceal exposed projector lenses, reduce lens flare, makes practical multi-use room installations, images conferees among a room environment, enables touch screen interactivity, and utilizes extreme short throw projectors to reduce cost and bulk of common throw projectors. Further, numerous unique devices and systems are disclosed of transparent OLED videoconferencing and displays. Further, unique embodiments of aiming a camera through a transparent OLED for eye contact videoconferencing are disclosed. Additionally, an imaged map projected interior environment that produces the rooms ambient light is disclosed.

Classifications:

International (IPC 8-9): G06F3/0481 G09G3/20 G09G3/32

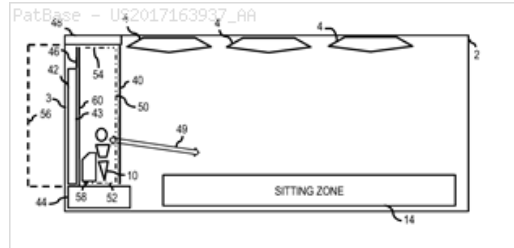
G09G3/3208 H04N7/14 H04N7/15 H04N9/30

H04N9/31 (Advanced/Invention)

CPC: G09G5/00 H04N7/144 G09G3/2003 G09G3/3208

G09G2320/0666 G09G2320/0261 H04N9/31 H04N9/30 G09G3/002

G09G3/20 G09G3/32 H04N7/14 H04N7/15



Family:

Publication number	Publication date	Application number	Application date
EP3198856 A1	20170802	EP20150844896	20150925
US2017163937 AA	20170608	US20170439476	20170222
US2017223312 AA	20170803	US20140497228	20140925
US9615054 BA	20170404	US20150975312	20151218
WO16049482 A1	20160331	WO2015US52270	20150925
WO17106712 A1	20170622	WO2016US67273	20161216

Priority:

US20140497228 20140925 US20150975312 20151218 WO2015US52270 20150925
US20170439476 20170222

Probable Assignee: MACHTIG JEFFREY S

Assignee(s): (std): MACHTIG JEFFREY ; MACHTIG JEFFREY S ; MCNELLEY STEVE H

Inventor(s): (std): MACHTIG JEFFREY ; MACHTIG JEFFREY S ; MCNELLEY STEVE H

Agent(s): ZACCO SWEDEN AB; JEFFRI A; VENABLE LLP; KIRCHANSKI STEFAN J; KAMINSKI JEFFRI A

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
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ID IE IL IN IR IS IT 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