

Base : FAMPAT

SEARCH STRATEGY

SS Results

7	19	1 AND 5
6	7	3 AND 5
5	35577	..SIMILARITY SS 4 RANKED 1
4	1	(WO2016186855)/PN
3	149	2 AND (CHANG+)/TI/AB/IW/CLMS/OBJ/KEYW
2	218	1 AND (PACKAG+ OR CONTAINER+ OR BOTTLE+)/TI/AB/IW/CLMS/OBJ/KEYW
1	578	(AUTHENTICAT+ AND (UV OR ULTRAVIOLET) AND SENSOR AND LIGHT SOURCE+ AND (+CONTROL+ OR +PROCESS+))/TI/AB/IW/CLMS/OBJ/KEYW AND PD <= 2015-05-21

19 Documents

Publication numbers	Title	Current assignees
US20030112423 A1	On-line verification of an authentication mark applied to products or product packaging	SUN CHEMICAL
CA2922975 A1	Devices and methods for measuring light	BLUELIGHT ANALYTICS
US7162035 B1	Authentication method and system	COPILOT VENTURES FUND III, ...
CA2375577 A1	Optoelectronic document reader has light sources to illuminate machine readable zone with fixed frequency causing indicia to become visible, and sensor to produce electronic data of captured image	CANADIAN BANK NOTE
US20140061448 A1	Multi-channel luminous energy sensing unit, apparatus for measuring light energy of exposure device and method for measuring light energy by channel	SAMSUNG ELECTRO MECHANICS
BR0010899 A1	Method and system for providing a copy of a printed page	LIVESCRIBE
CN103971250 A	Currency or security authentication system based on closed-loop authentication theory	SICHUAN QIANTAI REN INVESTMENT MANAGEMENT
WO2011106798 A1	Local advertising content on an interactive head-mounted eyepiece	MICROSOFT TECHNOLOGY LICENSING
US20030169415 A1	Optoelectronic document reader for reading UV / IR visible indicia	CANADIAN BANK NOTE
WO200298671 A2	Marking articles using a covert digitally watermarked image	SPECTRA SYSTEMS
DE102004056007 A1	Mobile verification device for checking the authenticity of travel documents	BUNDESDRUCKEREI
US20110282763 A1	Method and apparatus for ordering paint using a portable self-contained tool	COLOR COMMERCE
CN1624706 A	Antifalse antipirated edition terminal equipment and method	WUHAN SYSCAN TECHNOLOGY
US20030080193 A1	Portable authentication fluorescence scanner employing single and multiple illumination sources	LIANG LOUIS H., ...
IN2007MU00034 A	Interactive smart package - associated device for anti-counterfeit and compliance measures	BILCARE
US20070246543 A1	Apparatus to analyze security features on objects	DIGIMARC
US20030047610 A1	Product packaging including digital data	VERIFICATION TECHNOLOGIES
US20050100204 A1	Method and apparatus for detecting fluorescent particles contained in a substrate	SPECTRA SYSTEMS
US20030142713 A1	Micro-lasing beads and structures for combinatorial chemistry and other applications, and techniques for	LAWANDY NABIL M.

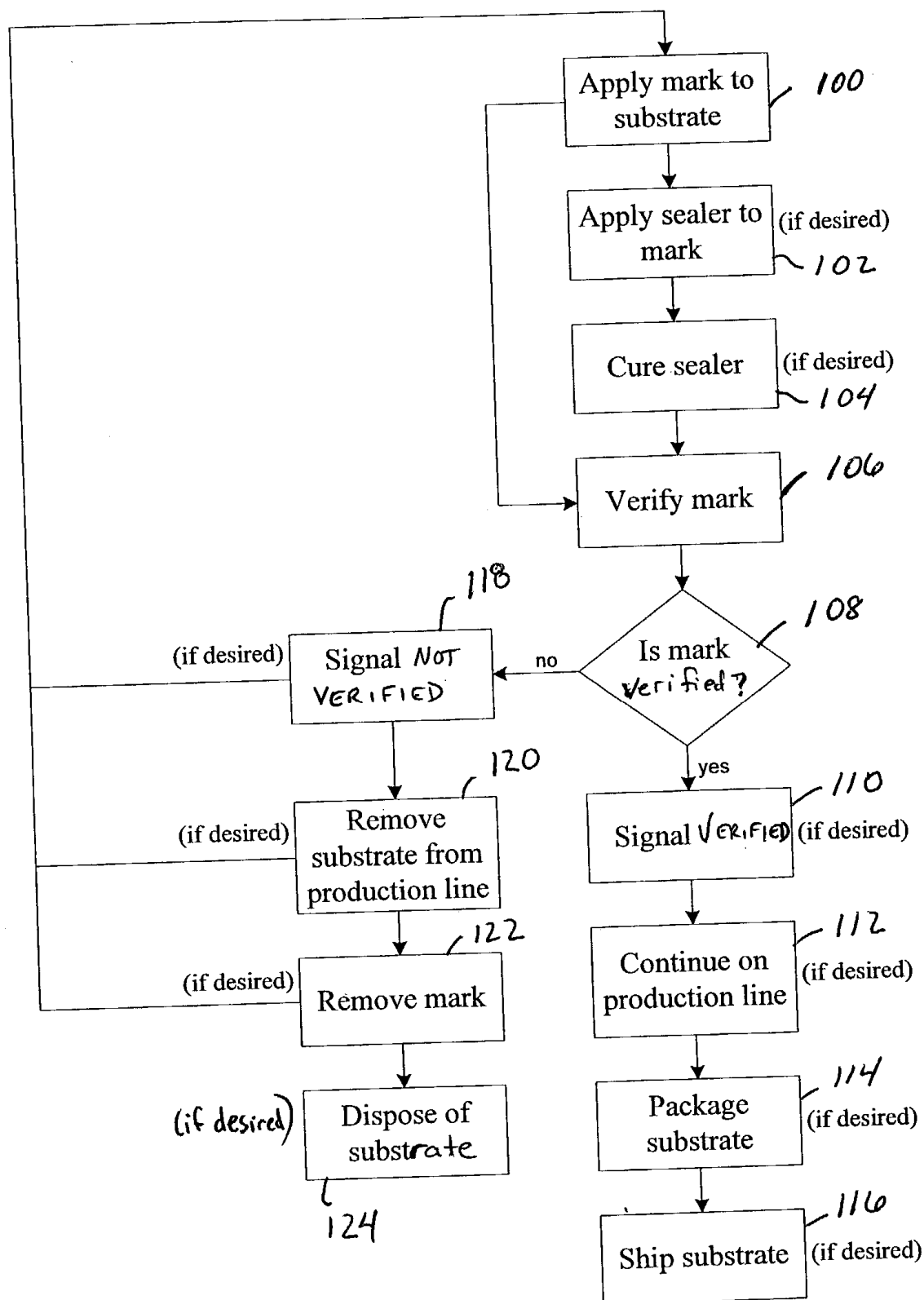
Publication numbers	Title	Current assignees
	fabricating the structures and for detecting information encoded by the structures	

Family 1/19 - FAMPAT - ©Questel

Title

(EP1556822)

On-line verification of an authentication mark applied to products or product packaging

Images

WO2004038645	A1	2004-05-06	WO200438645				
CA2502040	A1	2004-05-06	CA2502040				
AU2003277311	A1	2004-05-13	AU2003277311				
AU2003277311	A2	2004-05-13	AU2003277311				
KR20050067416	A	2005-07-01	KR20050067416				
EP1556822	A1	2005-07-27	EP1556822				
BR0315429	A	2005-08-16	BR200315429				
BRPI0315429	A1	2005-08-16	BRPI0315429				
CN1726502	A	2006-01-25	CN1726502				
MXPA05004032	A	2006-01-27	MX2005PA004032				
JP2006505422	A	2006-02-16	JP2006505422				
CO5670373	A2	2006-08-31	CO5670373				

Abstract

(EP1556822)

A system and method of verifying application of an authentication mark on a substrate (28) is disclosed. Light-sensitive compounds can be used to identify the product or product packaging. A printer (22), locatable at the production line (24), prints at least one light-sensitive compound on the product or product package to produce at least a portion of the authentication mark (26). A verification device (40), locatable at the production line (24), verifies the application of the at least one light-sensitive compound on the product or product package.

Inventors

VIG RAKESH

MILLER PETER

SWANSON DREW

Latest standardized assignees - inventors removed

SUN CHEMICAL

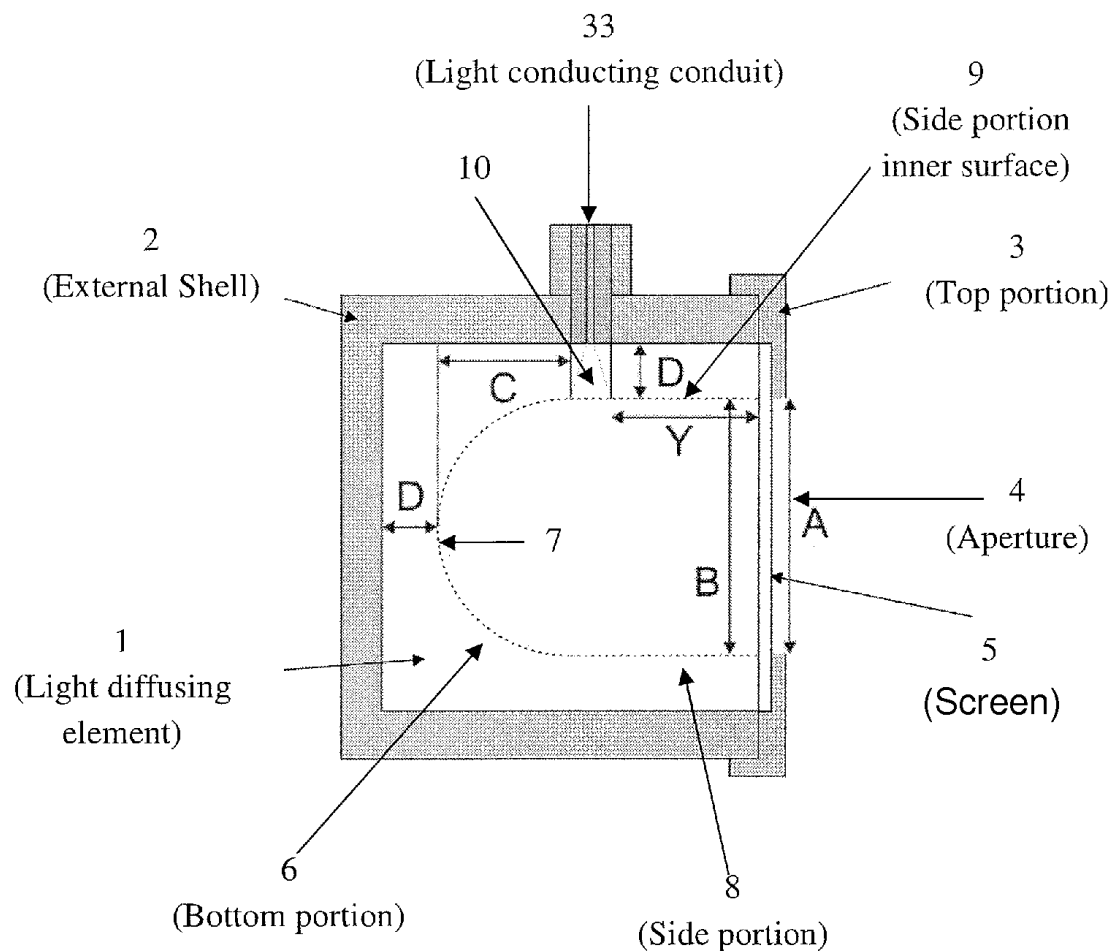
Family 2/19 - FAMPAT - ©Questel

Title

(EP2893310)

Devices and methods for measuring light

Images



Publication data including kind & date

CA2922975	A1	2014-03-13	CA2922975
WO2014036660	A1	2014-03-13	WO201436660
US20140078507	A1	2014-03-20	US20140078507
TW201428245	A	2014-07-16	TW201428245
AR092504	A1	2015-04-22	AR--92504
EP2893310	A1	2015-07-15	EP2893310
CN104797912	A	2015-07-22	CN104797912
JP2015530573	A	2015-10-15	JP2015530573
US9310298	B2	2016-04-12	US9310298
EP2893310	A4	2016-12-28	EP2893310
US20170067777	A1	2017-03-09	US20170067777
JP6357153	B2	2018-07-11	JP6357153
CN104797912	B	2018-09-18	CN104797912B
US10113906	B2	2018-10-30	US10113906



Abstract

(EP2893310)

The invention features devices and methods for collecting and measuring light from external light sources. In general, the devices of the invention feature a light diffusing element, e.g., as a component of a light collector, connected by a light conducting conduit, e.g., a fiber optic cable, to a light measuring device, e.g., a spectrometer. This light diffusing element allows, e.g., for substantially uniform light diffusion across its surface and thus accurate measurements, while permitting the total footprint of the device to remain relatively small and portable. This light diffusing element also allows flexibility in scaling of the device to permit use in a wide range of applications.

Inventors

COPILOT VENTURES FUND III

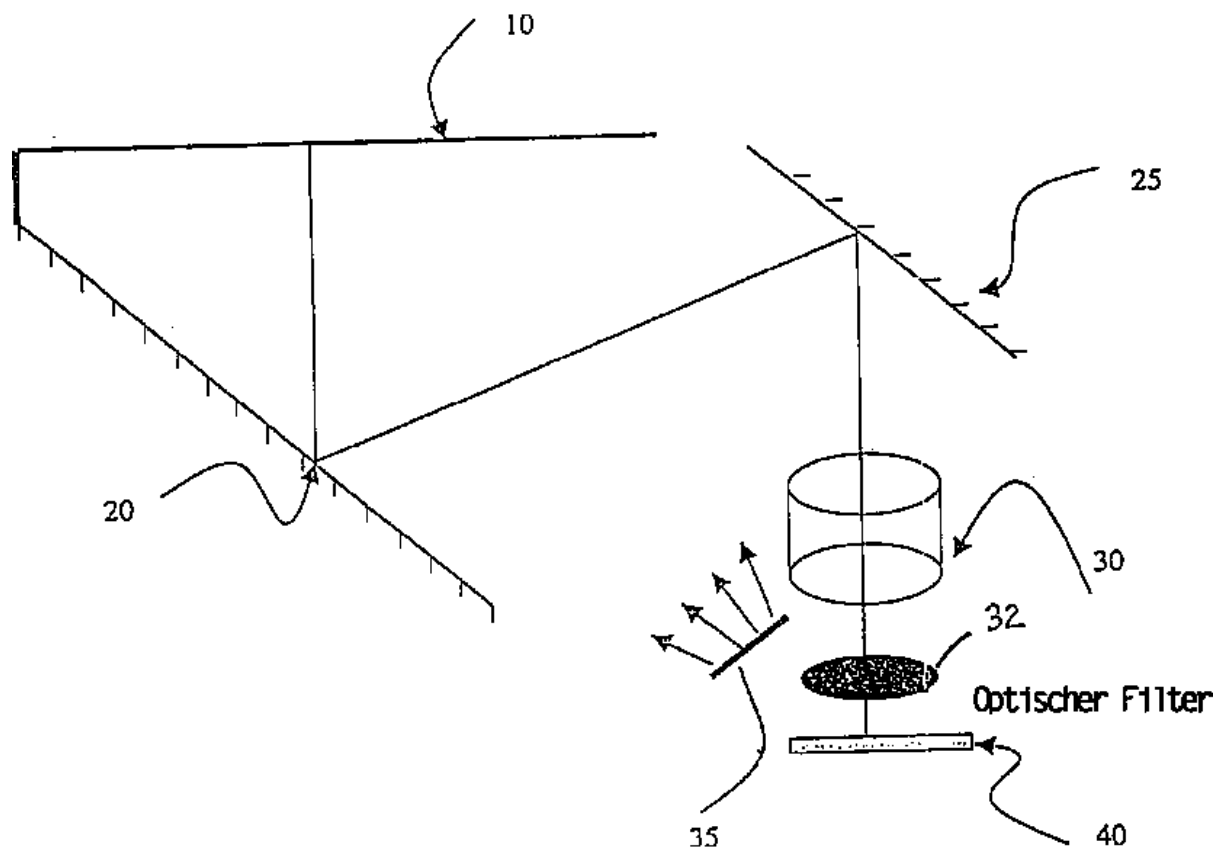
COILOT VENTURES FUND III

Family 4/19 - FAMPAT - ©Questel

Title

(DE10309659)

Optoelectronic document reader has light sources to illuminate machine readable zone with fixed frequency causing indicia to become visible, and sensor to produce electronic data of captured image

Images**Publication data including kind & date**

CA2375577	A1	2003-09-07	CA2375577
AU2003200909	A1	2003-10-02	AU2003200909
CN1458618	A	2003-11-26	CN1458618
DE10309659	A1	2004-01-15	DE10309659
JP2004127235	A	2004-04-22	JP2004127235
CA2375577	C	2006-05-02	CA2375577
CN1288892	C	2006-12-06	CN1288892C
HK1056941	A1	2007-03-16	HK1056941
AU2003200909	B2	2007-11-01	AU2003200909

**Abstract**

(DE10309659)

The reader has a surface to place a document comprising machine-readable zone. Multiple light sources (35) illuminate the zone with invisible light of fixed frequency range causing indicia to become visible. A sensor (40) produces electronic data representative of the captured image. An optical path with a lens focuses light onto the sensor. A document controller outputs indicia for display and processing. An independent claim is also included for a method of automated reading in a machine-readable zone of a document.

Inventors

PREMJAYANTH SIVASAMY

BALDERSTON MICHAEL ROBERT

Latest standardized assignees - inventors removed

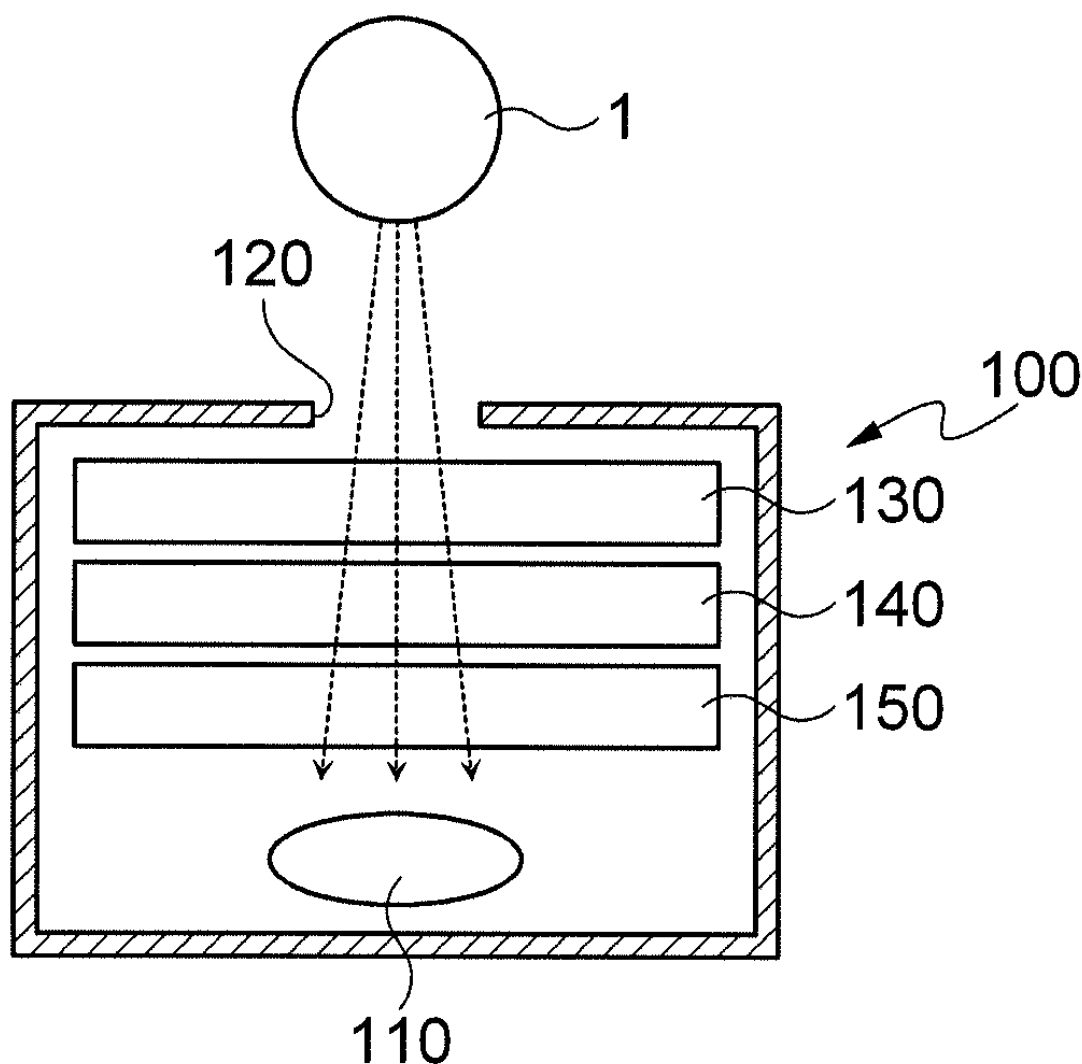
CANADIAN BANK NOTE

Family 5/19 - FAMPAT - ©Questel

Title

(US20140061448)

Multi-channel luminous energy sensing unit, apparatus for measuring light energy of exposure device and method for measuring light energy by channel

Images**Publication data including kind & date**

US20140061448	A1	2014-03-06	US20140061448
DE102013109026	A1	2014-03-06	DE102013109026
KR20140028859	A	2014-03-10	KR20140028859
JP2014048296	A	2014-03-17	JP2014048296

**Abstract**

(US20140061448)

The present invention relates to a multi-channel luminous energy sensing unit, an apparatus for measuring light energy of an exposure device and a method for measuring light energy by channel. In accordance with one embodiment of the present invention, a multi-channel luminous energy sensing unit to sense an amount of light illuminated from a light source, which includes a board; and a plurality of light sensor modules arranged on the board for sensing at least two channel light with bandwidths different from each other among the light illuminated from the light source, is provided. And also, an

apparatus for measuring light energy of an exposure device including the same and a method for measuring light energy by channel are provided.

Inventors

YU SANG YONG

KIM SUN KYONG

KIM SEOK

JEONG JAE YOUN

JEON KI JU

BONG EUN HEE

Latest standardized assignees - inventors removed

SAMSUNG ELECTRO MECHANICS

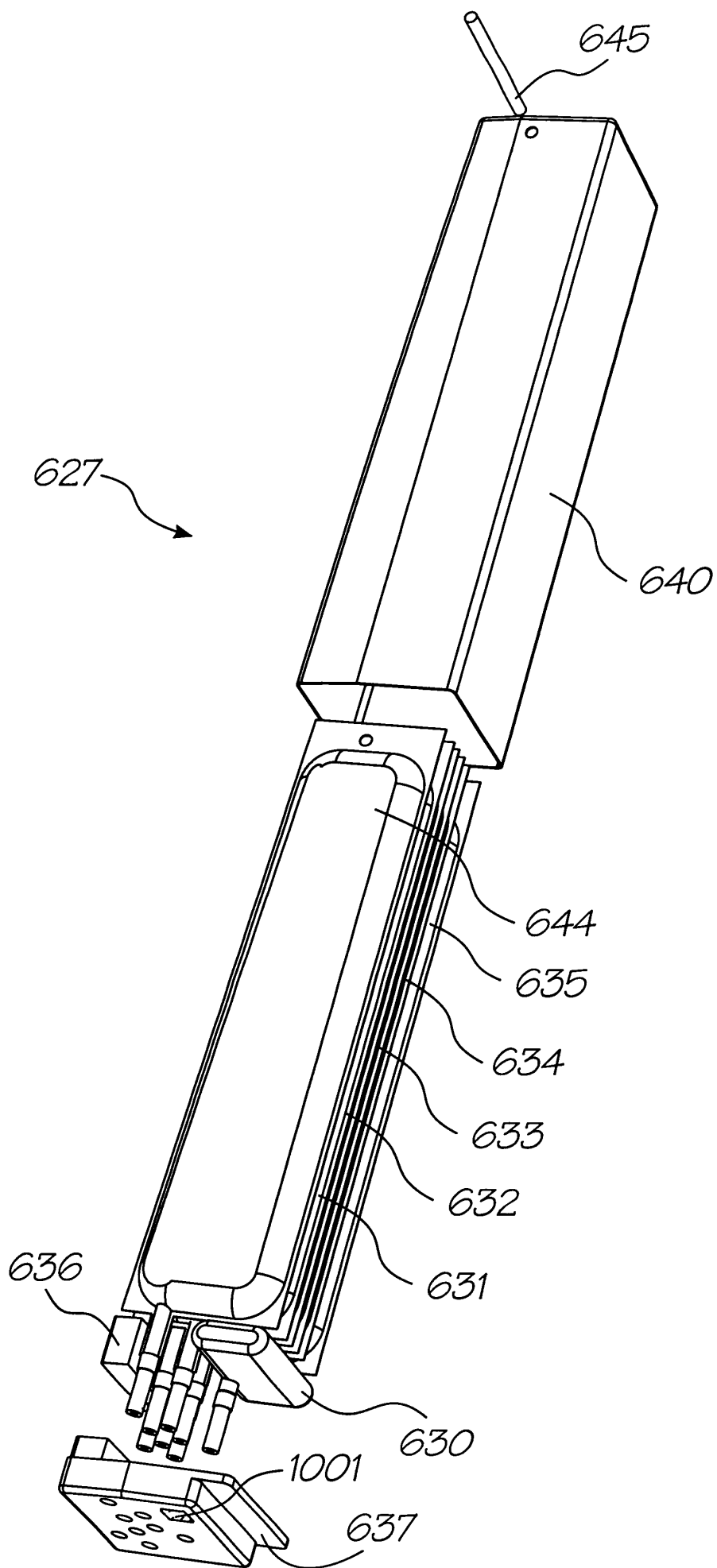
Family 6/19 - FAMPAT - ©Questel

Title

(EP1240620)

Method and system for providing a copy of a printed page

Images



Publication data including kind & date

BRPI0010899	A1	1981-10-20	BR0010899
BRPI0010887	A1	1981-10-20	BR0010887
WO200071350	A1	2000-11-30	WO200071350
WO200071348	A1	2000-11-30	WO200071348
WO200072576	A1	2000-11-30	WO200072576
WO200072505	A1	2000-11-30	WO200072505
WO200072499	A1	2000-11-30	WO200072499
WO200072287	A1	2000-11-30	WO200072287
WO200072248	A1	2000-11-30	WO200072248
WO200072243	A1	2000-11-30	WO200072243
WO200072232	A1	2000-11-30	WO200072232
WO200072238	A1	2000-11-30	WO200072238
WO200072237	A1	2000-11-30	WO200072237
WO200072236	A1	2000-11-30	WO200072236
WO200072235	A1	2000-11-30	WO200072235
WO200072234	A1	2000-11-30	WO200072234
WO200072233	A1	2000-11-30	WO200072233
WO200072230	A1	2000-11-30	WO200072230
WO200072202	A1	2000-11-30	WO200072202
WO200072138	A1	2000-11-30	WO200072138
WO200072137	A1	2000-11-30	WO200072137
WO200072136	A1	2000-11-30	WO200072136
WO200072135	A1	2000-11-30	WO200072135
WO200072132	A1	2000-11-30	WO200072132
WO200072128	A1	2000-11-30	WO200072128
WO200072125	A1	2000-11-30	WO200072125
CA2375251	A1	2000-11-30	CA2375251
CA2375235	A1	2000-11-30	CA2375235
CA2375053	A1	2000-11-30	CA2375053
CA2374833	A1	2000-11-30	CA2374833
CA2374821	A1	2000-11-30	CA2374821
CA2374711	A1	2000-11-30	CA2374711
CA2374708	A1	2000-11-30	CA2374708
CA2374705	A1	2000-11-30	CA2374705
CA2374694	A1	2000-11-30	CA2374694
CA2374633	A1	2000-11-30	CA2374633
CA2371963	A1	2000-11-30	CA2371963
CA2371961	A1	2000-11-30	CA2371961
CA2371959	A1	2000-11-30	CA2371959
CA2371955	A1	2000-11-30	CA2371955
CA2371951	A1	2000-11-30	CA2371951
CA2371948	A1	2000-11-30	CA2371948
CA2371584	A1	2000-11-30	CA2371584
CA2371575	A1	2000-11-30	CA2371575
CA2371566	A1	2000-11-30	CA2371566
CA2371563	A1	2000-11-30	CA2371563
CA2371557	A1	2000-11-30	CA2371557



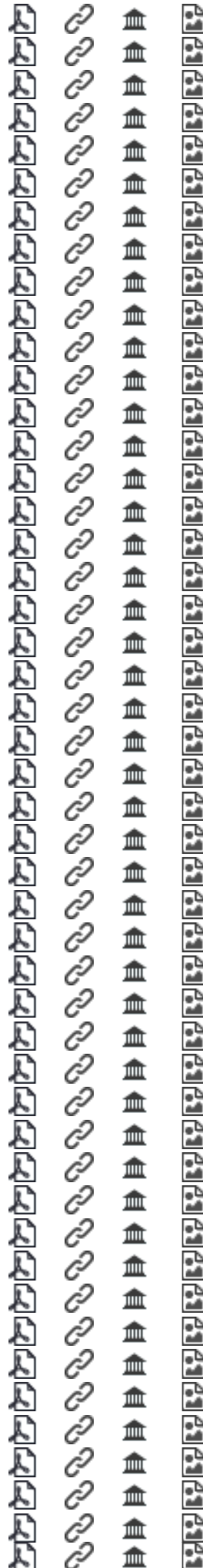
CA2371545	A1	2000-11-30	CA2371545
CA2371541	A1	2000-11-30	CA2371541
CA2371513	A1	2000-11-30	CA2371513
AU4728000	A	2000-12-12	AU200047280
AU4730100	A	2000-12-12	AU200047301
AU4731200	A	2000-12-12	AU200047312
AU4730800	A	2000-12-12	AU200047308
AU4729800	A	2000-12-12	AU200047298
AU4726700	A	2000-12-12	AU200047267
AU4727100	A	2000-12-12	AU200047271
AU4726300	A	2000-12-12	AU200047263
AU4728100	A	2000-12-12	AU200047281
AU4727200	A	2000-12-12	AU200047272
AU4727500	A	2000-12-12	AU200047275
AU4726800	A	2000-12-12	AU200047268
AU4727000	A	2000-12-12	AU200047270
AU4725900	A	2000-12-12	AU200047259
AU4726200	A	2000-12-12	AU200047262
AU4729400	A	2000-12-12	AU200047294
AU4729300	A	2000-12-12	AU200047293
AU4727900	A	2000-12-12	AU200047279
AU4730200	A	2000-12-12	AU200047302
AU4726000	A	2000-12-12	AU200047260
AU4726400	A	2000-12-12	AU200047264
AU4730000	A	2000-12-12	AU200047300
AU4729500	A	2000-12-12	AU200047295
AU4726100	A	2000-12-12	AU200047261
US6290349	B1	2001-09-18	US6290349
BR0010807	A	2002-04-30	BR200010807
BRPI0010807	A1	2002-04-30	BR200010807
BR0010801	A	2002-05-07	BR200010801
BRPI0010801	A1	2002-05-07	BRPI0010801
BR0010793	A	2002-05-07	BR200010793
BRPI0010793	A1	2002-05-07	BRPI0010793
BR0010887	A	2002-05-21	BR200010887
BR0010796	A	2002-05-21	BR200010796
BRPI0010796	A1	2002-05-21	BRPI0010796
BR0010903	A	2002-05-28	BR200010903
BRPI0010903	A1	2002-05-28	BRPI0010903
BR0010859	A	2002-05-28	BR200010859
BRPI0010859	A1	2002-05-28	BRPI0010859
BR0010841	A	2002-05-28	BR200010841
BRPI0010841	A1	2002-05-28	BRPI0010841
BR0010840	A	2002-05-28	BR200010840
BRPI0010840	A1	2002-05-28	BRPI0010840
BR0010805	A	2002-05-28	BR200010805
BRPI0010805	A1	2002-05-28	BR200010805
BR0010803	A	2002-05-28	BR200010803



BRPI0010803	A1	2002-05-28	BR200010803
CN1351730	A	2002-05-29	CN1351730
CN1351724	A	2002-05-29	CN1351724
CN1351740	A	2002-05-29	CN1351740
CN1351541	A	2002-05-29	CN1351541
CN1351727	A	2002-05-29	CN1351727
BR0010856	A	2002-06-04	BR200010856
BRPI0010856	A1	2002-06-04	BR200010856
BR0010854	A	2002-06-04	BR200010854
BRPI0010854	A1	2002-06-04	BR200010854
BR0010853	A	2002-06-04	BR200010853
BRPI0010853	A1	2002-06-04	BR200010853
CN1352778	A	2002-06-05	CN1352778
BR0010897	A	2002-06-11	BR200010897
BRPI0010897	A1	2002-06-11	BRPI0010897
BR0010842	A	2002-06-11	BR200010842
BRPI0010842	A1	2002-06-11	BRPI0010842
EP1214680	A1	2002-06-19	EP1214680
EP1214679	A1	2002-06-19	EP1214679
BR0010899	A	2002-07-02	BR200010899
BR0010896	A	2002-07-02	BR200010896
BRPI0010896	A1	2002-07-02	BRPI0010896
BR0010860	A	2002-07-02	BR200010860
BRPI0010860	A1	2002-07-02	BRPI0010860
BR0010857	A	2002-07-02	BR200010857
BRPI0010857	A1	2002-07-02	BRPI0010857
BR0010850	A	2002-07-02	BR200010850
BRPI0010850	A1	2002-07-02	BRPI0010850
BR0010844	A	2002-07-02	BR200010844
BRPI0010844	A1	2002-07-02	BRPI0010844
EP1220753	A1	2002-07-10	EP1220753
CN1358378	A	2002-07-10	CN1358378
CN1358295	A	2002-07-10	CN1358295
EP1222804	A1	2002-07-17	EP1222804
EP1222773	A1	2002-07-17	EP1222773
EP1222768	A1	2002-07-17	EP1222768
EP1222645	A1	2002-07-17	EP1222645
EP1222617	A1	2002-07-17	EP1222617
EP1222613	A1	2002-07-17	EP1222613
EP1222612	A1	2002-07-17	EP1222612
EP1222611	A1	2002-07-17	EP1222611
EP1222610	A1	2002-07-17	EP1222610
EP1222525	A1	2002-07-17	EP1222525
EP1222523	A1	2002-07-17	EP1222523
EP1222522	A1	2002-07-17	EP1222522
EP1222073	A1	2002-07-17	EP1222073
CN1359573	A	2002-07-17	CN1359573
CN1359334	A	2002-07-17	CN1359334



CN1359586	A	2002-07-17	CN1359586
EP1224528	A1	2002-07-24	EP1224528
CN1360705	A	2002-07-24	CN1360705
CN1360691	A	2002-07-24	CN1360691
CN1360707	A	2002-07-24	CN1360707
CN1360690	A	2002-07-24	CN1360690
CN1360708	A	2002-07-24	CN1360708
IL146670	A	2002-07-25	IL-146670
IL146636	A	2002-07-25	IL-146636
IL146635	A	2002-07-25	IL-146635
IL146623	A	2002-07-25	IL-146623
IL146616	A	2002-07-25	IL-146616
IL146609	A	2002-07-25	IL-146609
IL146608	A	2002-07-25	IL-146608
IL146680	A	2002-07-25	IL-146680
IL146676	A	2002-07-25	IL-146676
IL146652	A	2002-07-25	IL-146652
IL146651	A	2002-07-25	IL-146651
IL146650	A	2002-07-25	IL-146650
IL146647	A	2002-07-25	IL-146647
IL146646	A	2002-07-25	IL-146646
IL146645	A	2002-07-25	IL-146645
IL146637	A	2002-07-25	IL-146637
IL146620	A	2002-07-25	IL-146620
IL146621	A	2002-07-25	IL-146621
IL146619	A	2002-07-25	IL-146619
IL146617	A	2002-07-25	IL-146617
IL146613	A	2002-07-25	IL-146613
IL146612	A	2002-07-25	IL-146612
IL146611	A	2002-07-25	IL-146611
IL146610	A	2002-07-25	IL-146610
EP1226488	A1	2002-07-31	EP1226488
CN1361900	A	2002-07-31	CN1361900
CN1361898	A	2002-07-31	CN1361898
CN1361899	A	2002-07-31	CN1361899
CN1361883	A	2002-07-31	CN1361883
CN1361897	A	2002-07-31	CN1361897
CN1361884	A	2002-07-31	CN1361884
US6428155	B1	2002-08-06	US6428155
EP1228459	A1	2002-08-07	EP1228459
EP1228419	A1	2002-08-07	EP1228419
EP1232475	A1	2002-08-21	EP1232475
EP1232474	A1	2002-08-21	EP1232474
EP1222768	A4	2002-09-04	EP1222768
CN1367909	A	2002-09-04	CN1367909
EP1240620	A1	2002-09-18	EP1240620
EP1240581	A1	2002-09-18	EP1240581
EP1222773	A4	2002-09-18	EP1222773



CN1378663	A	2002-11-06	CN1378663				
EP1222073	A4	2002-11-13	EP1222073				
US20020180850	A1	2002-12-05	US20020180850				
US20020191060	A1	2002-12-19	US20020191060				
JP2003500736	A	2003-01-07	JP2003500736				
JP2003500729	A	2003-01-07	JP2003500729				
JP2003500714	A	2003-01-07	JP2003500714				
JP2003500713	A	2003-01-07	JP2003500713				
JP2003500252	A	2003-01-07	JP2003500252				
JP2003500237	A	2003-01-07	JP2003500237				
JP2003500757	A	2003-01-07	JP2003500757				
JP2003500732	A	2003-01-07	JP2003500732				
JP2003500754	A	2003-01-07	JP2003500754				
JP2003500239	A	2003-01-07	JP2003500239				
JP2003500735	A	2003-01-07	JP2003500735				
JP2003500770	A	2003-01-07	JP2003500770				
JP2003500752	A	2003-01-07	JP2003500752				
JP2003500756	A	2003-01-07	JP2003500756				
JP2003500726	A	2003-01-07	JP2003500726				
JP2003500753	A	2003-01-07	JP2003500753				
JP2003500755	A	2003-01-07	JP2003500755				
JP2003500761	A	2003-01-07	JP2003500761				
JP2003500738	A	2003-01-07	JP2003500738				
JP2003500939	A	2003-01-07	JP2003500939				
JP2003500737	A	2003-01-07	JP2003500737				
JP2003501709	A	2003-01-14	JP2003501709				
JP2003501708	A	2003-01-14	JP2003501708				
US6549935	B1	2003-04-15	US6549935				
US20030085869	A1	2003-05-08	US20030085869				
US20030090734	A1	2003-05-15	US20030090734				
US20030090459	A1	2003-05-15	US20030090459				
US20030090720	A1	2003-05-15	US20030090720				
US20030090718	A1	2003-05-15	US20030090718				
US20030090719	A1	2003-05-15	US20030090719				
US20030090745	A1	2003-05-15	US20030090745				
US20030090736	A1	2003-05-15	US20030090736				
US20030090724	A1	2003-05-15	US20030090724				
US20030091234	A1	2003-05-15	US20030091234				
US20030091233	A1	2003-05-15	US20030091233				
US20030095097	A1	2003-05-22	US20030095097				
US20030098997	A1	2003-05-29	US20030098997				
US20030103240	A1	2003-06-05	US20030103240				
US20030103672	A1	2003-06-05	US20030103672				
AU761466	B2	2003-06-05	AU-761466				
AU762342	B2	2003-06-26	AU-762342				
MXPA01012133	A	2003-06-30	MX2001PA012133				
MXPA01012112	A	2003-06-30	MX2001PA012112				
MXPA01012059	A	2003-06-30	MX2001PA012059				

MXPA01012057	A	2003-06-30	MX2001PA012057				
BR0010852	A	2003-07-01	BR200010852				
BRPI0010852	A1	2003-07-01	BRPI0010852				
MXPA01012148	A	2003-07-28	MX2001PA012148				
MXPA01012145	A	2003-07-28	MX2001PA012145				
MXPA01012139	A	2003-07-28	MX2001PA012139				
MXPA01012138	A	2003-07-28	MX2001PA012138				
MXPA01012136	A	2003-07-28	MX2001PA012136				
MXPA01012137	A	2003-07-28	MX2001PA012137				
MXPA01012134	A	2003-07-28	MX2001PA012134				
MXPA01012132	A	2003-07-28	MX2001PA012132				
MXPA01012131	A	2003-07-28	MX2001PA012131				
MXPA01012130	A	2003-07-28	MX2001PA012130				
MXPA01012129	A	2003-07-28	MX2001PA012129				
MXPA01012119	A	2003-07-28	MX2001PA012119				
MXPA01012117	A	2003-07-28	MX2001PA012117				
MXPA01012115	A	2003-07-28	MX2001PA012115				
MXPA01012058	A	2003-07-28	MX2001PA012058				
MXPA01012056	A	2003-07-28	MX2001PA012056				
MXPA01012054	A	2003-07-28	MX2001PA012054				
EP1224528	A4	2003-08-06	EP1224528				
MXPA01012121	A	2003-08-20	MX2001PA012121				
MXPA01012114	A	2003-08-20	MX2001PA012114				
MXPA01012055	A	2003-08-20	MX2001PA012055				
EP1220753	A4	2003-08-27	EP1220753				
EP1240581	A4	2003-09-17	EP1240581				
JP2003532938	A	2003-11-05	JP2003532938				
US6681045	B1	2004-01-20	US6681045				
BR0010791	A	2004-03-09	BR200010791				
BRPI0010791	A1	2004-03-09	BRPI0010791				
US6714678	B2	2004-03-30	US6714678				
US6718061	B2	2004-04-06	US6718061				
AU772595	B2	2004-04-29	AU-772595				
CN1149467	C	2004-05-12	CN1149467C				
AU773745	B2	2004-06-03	AU-773745				
AU773936	B2	2004-06-10	AU-773936				
AU773916	B2	2004-06-10	AU-773916				
EP1222804	A4	2004-06-16	EP1222804				
EP1222612	A4	2004-06-16	EP1222612				
EP1222611	A4	2004-06-16	EP1222611				
EP1214680	A4	2004-06-16	EP1214680				
AU774231	B2	2004-06-17	AU-774231				
AU774078	B2	2004-06-17	AU-774078				
CN1154914	C	2004-06-23	CN1154914C				
EP1228459	A4	2004-06-30	EP1228459				
US6760119	B1	2004-07-06	US6760119				
CN1158182	C	2004-07-21	CN1158182C				
EP1222610	A4	2004-07-28	EP1222610				

CN1515989	A	2004-07-28	CN1515989				
AU2004203196	A1	2004-08-12	AU2004203196				
US6789194	B1	2004-09-07	US6789194				
CN1166168	C	2004-09-08	CN1166168C				
CN1165870	C	2004-09-08	CN1165870C				
EP1222613	A4	2004-09-15	EP1222613				
EP1222523	A4	2004-09-15	EP1222523				
US20040184111	A1	2004-09-23	US20040184111				
EP1240620	A4	2004-09-29	EP1240620				
EP1226488	A4	2004-09-29	EP1226488				
CN1534451	A	2004-10-06	CN1534451				
AU2004210573	A1	2004-10-07	AU2004210573				
CN1171141	C	2004-10-13	CN1171141C				
CN1175372	C	2004-11-10	CN1175372C				
AU778007	B2	2004-11-11	AU-778007				
US6822639	B1	2004-11-23	US6822639				
CN1548297	A	2004-11-24	CN1548297				
US6825945	B1	2004-11-30	US6825945				
EP1222768	B1	2004-12-01	EP1222768				
US20040239991	A1	2004-12-02	US20040239991				
US6829387	B2	2004-12-07	US6829387				
US20040247207	A1	2004-12-09	US20040247207				
IL146645	B	2004-12-15	IL-146645				
AT284100	T	2004-12-15	ATE284100				
DE60016443	D1	2005-01-05	DE60016443				
CN1560724	A	2005-01-05	CN1560724				
US6840606	B2	2005-01-11	US6840606				
EP1222645	A4	2005-01-19	EP1222645				
EP1214679	A4	2005-01-19	EP1214679				
IL146647	B	2005-01-24	IL-146647				
CN1187703	C	2005-02-02	CN1187703C				
EP1222525	A4	2005-02-09	EP1222525				
US20050030583	A1	2005-02-10	US20050030583				
US20050036682	A1	2005-02-17	US20050036682				
EP1232474	A4	2005-02-23	EP1232474				
US20050041864	A1	2005-02-24	US20050041864				
CN1191545	C	2005-03-02	CN1191545C				
US20050046895	A1	2005-03-03	US20050046895				
CN1591470	A	2005-03-09	CN1591470				
US20050052696	A1	2005-03-10	US20050052696				
EP1222522	A4	2005-03-16	EP1222522				
CN1192891	C	2005-03-16	CN1192891C				
US20050058347	A1	2005-03-17	US20050058347				
US20050066188	A1	2005-03-24	US20050066188				
US20050062770	A1	2005-03-24	US20050062770				
CN1601555	A	2005-03-30	CN1601555				
US20050068392	A1	2005-03-31	US20050068392				
EP1222617	A4	2005-04-06	EP1222617				

EP1232475	A4	2005-04-20	EP1232475				
CN1611363	A	2005-05-04	CN1611363				
US20050097323	A1	2005-05-05	US20050097323				
IL146646	B	2005-05-17	IL-146646				
CN1619577	A	2005-05-25	CN1619577				
US20050128189	A1	2005-06-16	US20050128189				
US20050141027	A1	2005-06-30	US20050141027				
US6914593	B2	2005-07-05	US6914593				
US20050156880	A1	2005-07-21	US20050156880				
US20050157345	A1	2005-07-21	US20050157345				
CN1213364	C	2005-08-03	CN1213364C				
CN1652139	A	2005-08-10	CN1652139				
US20050174605	A1	2005-08-11	US20050174605				
US20050179943	A1	2005-08-18	US20050179943				
CN1662029	A	2005-08-31	CN1662029				
EP1222073	B1	2005-09-07	EP1222073				
US20050200894	A1	2005-09-15	US20050200894				
US20050200892	A1	2005-09-15	US20050200892				
AT303896	T	2005-09-15	ATE303896				
EP1228419	A4	2005-10-12	EP1228419				
DE60022529	D1	2005-10-13	DE60022529				
US6970264	B2	2005-11-29	US6970264				
US6972864	B2	2005-12-06	US6972864				
US20050270575	A1	2005-12-08	US20050270575				
US6975299	B2	2005-12-13	US6975299				
US20050275889	A1	2005-12-15	US20050275889				
DE60016443	T2	2005-12-15	DE60016443				
IL165002	A	2005-12-18	IL-165002				
US6977746	B2	2005-12-20	US6977746				
US6980318	B1	2005-12-27	US6980318				
US6982807	B2	2006-01-03	US6982807				
US20060007489	A1	2006-01-12	US20060007489				
IL165540	A	2006-01-15	IL-165540				
US20060012834	A1	2006-01-19	US20060012834				
US6989911	B2	2006-01-24	US6989911				
US6996274	B2	2006-02-07	US6996274				
US7012710	B2	2006-03-14	US7012710				
CN1246765	C	2006-03-22	CN1246765C				
CN1246762	C	2006-03-22	CN1246762C				
IL146616	B	2006-04-10	IL-146616				
US7031010	B2	2006-04-18	US7031010				
US7036918	B2	2006-05-02	US7036918				
US7038797	B1	2006-05-02	US7038797				
US7062651	B1	2006-06-13	US7062651				
US7068389	B2	2006-06-27	US7068389				
SG122798	A1	2006-06-29	SG-122798				
SG122795	A1	2006-06-29	SG-122795				
SG122794	A1	2006-06-29	SG-122794				

US7079712	B1	2006-07-18	US7079712				
EP1222773	B1	2006-07-19	EP1222773				
IL146617	B	2006-08-01	IL-146617				
US7088459	B1	2006-08-08	US7088459				
CN1269019	C	2006-08-09	CN1269019C				
AT333733	T	2006-08-15	ATE333733				
SG124266	A1	2006-08-30	SG-124266				
DE60029462	D1	2006-08-31	DE60029462				
US7102772	B1	2006-09-05	US7102772				
EP1220753	B1	2006-09-27	EP1220753				
AT340703	T	2006-10-15	ATE340703				
US7123239	B1	2006-10-17	US7123239				
DE60030993	D1	2006-11-09	DE60030993				
US20060256379	A1	2006-11-16	US20060256379				
US20060256365	A1	2006-11-16	US20060256365				
CN1290048	C	2006-12-13	CN1290048C				
CN1291347	C	2006-12-20	CN1291347C				
CN1291302	C	2006-12-20	CN1291302C				
IL146670	B	2006-12-31	IL-146670				
US7162088	B2	2007-01-09	US7162088				
US7174056	B2	2007-02-06	US7174056				
IL146609	B	2007-02-11	IL-146609				
US7190346	B2	2007-03-13	US7190346				
ES2269140	T3	2007-04-01	ES2269140				
CN1313278	C	2007-05-02	CN1313278C				
AU2004210573	B2	2007-05-17	AU2004210573				
CN1319313	C	2007-05-30	CN1319313C				
CN1319311	C	2007-05-30	CN1319311C				
IL146619	B	2007-06-03	IL-146619				
IL165540	B	2007-06-17	IL-165540				
IL146680	B	2007-06-17	IL-146680				
IL146652	B	2007-06-17	IL-146652				
KR20070067247	A	2007-06-27	KR20070067247				
CN1325272	C	2007-07-11	CN1325272C				
US7251050	B2	2007-07-31	US7251050				
AU2004203196	B2	2007-08-02	AU2004203196				
IL146651	B	2007-08-19	IL-146651				
US7259884	B2	2007-08-21	US7259884				
US7271931	B2	2007-09-18	US7271931				
US20070223015	A1	2007-09-27	US20070223015				
US20070228177	A1	2007-10-04	US20070228177				
US7295332	B1	2007-11-13	US7295332				
CN100350377	C	2007-11-21	CN100350377C				
US20070268521	A1	2007-11-22	US20070268521				
US20070268520	A1	2007-11-22	US20070268520				
CN100354806	C	2007-12-12	CN100354806C				
CN100359456	C	2008-01-02	CN100359456C				
CN100361139	C	2008-01-09	CN100361139C				

CN100363947	C	2008-01-23	CN100363947C				
US20080024821	A1	2008-01-31	US20080024821				
US20080025611	A1	2008-01-31	US20080025611				
US7330974	B1	2008-02-12	US7330974				
US7336389	B2	2008-02-26	US7336389				
CN100375494	C	2008-03-12	CN100375494C				
CN100375119	C	2008-03-12	CN100375119C				
US20080067230	A1	2008-03-20	US20080067230				
US7347357	B2	2008-03-25	US7347357				
US7350236	B1	2008-03-25	US7350236				
US7362463	B2	2008-04-22	US7362463				
BRPI0010887	B1	2008-04-22	BR200010887				
BRPI0010796	B8	2008-04-22	BR200010796				
US7364282	B2	2008-04-29	US7364282				
US20080111076	A1	2008-05-15	US20080111076				
US7376273	B2	2008-05-20	US7376273				
US20080117460	A1	2008-05-22	US20080117460				
US20080118186	A1	2008-05-22	US20080118186				
IL146608	B	2008-06-05	IL-146608				
US7388985	B2	2008-06-17	US7388985				
US20080144101	A1	2008-06-19	US20080144101				
SG143024	A1	2008-06-27	SG-143024				
IL146635	B	2008-07-08	IL-146635				
IL146620	B	2008-07-08	IL-146620				
US20080164647	A1	2008-07-10	US20080164647				
US7400769	B2	2008-07-15	US7400769				
CN100407210	C	2008-07-30	CN100407210C				
US7408670	B2	2008-08-05	US7408670				
CN100410850	C	2008-08-13	CN100410850C				
US20080197187	A1	2008-08-21	US20080197187				
US20080199237	A1	2008-08-21	US20080199237				
US7417629	B2	2008-08-26	US7417629				
US7417759	B2	2008-08-26	US7417759				
SG144698	A1	2008-08-28	SG-144698				
US20080206017	A1	2008-08-28	US20080206017				
US20080205762	A1	2008-08-28	US20080205762				
KR100855785	B1	2008-09-01	KR100855785				
US20080211767	A1	2008-09-04	US20080211767				
US20080212140	A1	2008-09-04	US20080212140				
US20080212139	A1	2008-09-04	US20080212139				
US20080212133	A1	2008-09-04	US20080212133				
US7428070	B2	2008-09-23	US7428070				
SG145533	A1	2008-09-29	SG-145533				
EP1222523	B1	2008-10-01	EP1222523				
US20080239390	A1	2008-10-02	US20080239390				
US20080239391	A1	2008-10-02	US20080239391				
CA2371959	C	2008-10-07	CA2371959				
EP1240581	B1	2008-10-08	EP1240581				

EP1222617	B1	2008-10-08	EP1222617				
EP1232475	B1	2008-10-08	EP1232475				
US7437671	B2	2008-10-14	US7437671				
EP1228459	B1	2008-10-15	EP1228459				
AT411574	T	2008-10-15	ATE411574				
AT410726	T	2008-10-15	ATE410726				
AT410725	T	2008-10-15	ATE410725				
AT410724	T	2008-10-15	ATE410724				
AT409900	T	2008-10-15	ATE409900				
CN100429671	C	2008-10-29	CN100429671C				
US20080265163	A1	2008-10-30	US20080265163				
US20080264569	A1	2008-10-30	US20080264569				
US7446893	B2	2008-11-04	US7446893				
US20080273909	A1	2008-11-06	US20080273909				
US7450264	B2	2008-11-11	US7450264				
DE60040402	D1	2008-11-13	DE60040402				
DE60040480	D1	2008-11-20	DE60040480				
DE60040478	D1	2008-11-20	DE60040478				
DE60040473	D1	2008-11-20	DE60040473				
DE60040551	D1	2008-11-27	DE60040551				
US7460713	B2	2008-12-02	US7460713				
EP1240620	B1	2008-12-03	EP1240620				
US7463794	B2	2008-12-09	US7463794				
AT416436	T	2008-12-15	ATE416436				
US7466435	B2	2008-12-16	US7466435				
US7466439	B2	2008-12-16	US7466439				
US7467416	B2	2008-12-16	US7467416				
US7468724	B2	2008-12-23	US7468724				
US20090001156	A1	2009-01-01	US20090001156				
US20090010542	A1	2009-01-08	US20090010542				
US20090014524	A1	2009-01-15	US20090014524				
DE60041000	D1	2009-01-15	DE60041000				
US20090021477	A1	2009-01-22	US20090021477				
CA2375053	C	2009-02-03	CA2375053				
US20090032313	A1	2009-02-05	US20090032313				
US20090039148	A1	2009-02-12	US20090039148				
US20090059294	A1	2009-03-05	US20090059294				
US20090059301	A1	2009-03-05	US20090059301				
US20090059318	A1	2009-03-05	US20090059318				
DK1240620	T3	2009-03-30	DK1240620T				
EP1214680	B1	2009-04-01	EP1214680				
US20090086222	A1	2009-04-02	US20090086222				
US20090091792	A1	2009-04-09	US20090091792				
US7518756	B2	2009-04-14	US7518756				
AT427535	T	2009-04-15	ATE427535				
US20090102909	A1	2009-04-23	US20090102909				
US7525539	B2	2009-04-28	US7525539				
US7526647	B2	2009-04-28	US7526647				

CN100483312	C	2009-04-29	CN100483312C				
US20090109467	A1	2009-04-30	US20090109467				
DE60041922	D1	2009-05-14	DE60041922				
US7551305	B2	2009-06-23	US7551305				
EP1226488	B1	2009-07-15	EP1226488				
US20090190175	A1	2009-07-30	US20090190175				
CN100524176	C	2009-08-05	CN100524176C				
US20090204816	A1	2009-08-13	US20090204816				
US7576876	B2	2009-08-18	US7576876				
US20090207457	A1	2009-08-20	US20090207457				
DE60042558	D1	2009-08-27	DE60042558				
IL146613	B	2009-09-01	IL-146613				
US7589856	B2	2009-09-15	US7589856				
US7589854	B2	2009-09-15	US7589854				
US7593126	B2	2009-09-22	US7593126				
US20090236154	A1	2009-09-24	US20090236154				
US20090237733	A1	2009-09-24	US20090237733				
SG155028	A1	2009-09-30	SG-155028				
US7602515	B2	2009-10-13	US7602515				
US7612905	B2	2009-11-03	US7612905				
CA2371955	C	2009-11-03	CA2371955				
US20090279140	A1	2009-11-12	US20090279140				
US7619756	B2	2009-11-17	US7619756				
US7623713	B2	2009-11-24	US7623713				
CA2375251	C	2009-12-08	CA2375251				
US20090303542	A1	2009-12-10	US20090303542				
US20090303541	A1	2009-12-10	US20090303541				
US20090323119	A1	2009-12-31	US20090323119				
EP1222522	B1	2010-01-20	EP1222522				
US7660011	B2	2010-02-09	US7660011				
AT456105	T	2010-02-15	ATE456105				
US7663775	B2	2010-02-16	US7663775				
IL146636	B	2010-02-17	IL-146636				
US20100038153	A1	2010-02-18	US20100038153				
US20100039667	A1	2010-02-18	US20100039667				
CA2371963	C	2010-02-23	CA2371963				
US20100046031	A1	2010-02-25	US20100046031				
US7674082	B2	2010-03-09	US7674082				
DE60043739	D1	2010-03-11	DE60043739				
US7688457	B2	2010-03-30	US7688457				
JP4454160	B2	2010-04-21	JP4454160				
IL146623	B	2010-04-29	IL-146623				
DK1222522	T3	2010-05-03	DK1222522T				
CN1360705	B	2010-05-26	CN1360705B				
US20100129006	A1	2010-05-27	US20100129006				
US20100134449	A1	2010-06-03	US20100134449				
US20100150637	A1	2010-06-17	US20100150637				
US7746498	B2	2010-06-29	US7746498				

US20100165400	A1	2010-07-01	US20100165400				
JP4498617	B2	2010-07-07	JP4498617				
US7757090	B2	2010-07-13	US7757090				
CA2375235	C	2010-07-13	CA2375235				
CA2374711	C	2010-07-13	CA2374711				
CA2374833	C	2010-07-20	CA2374833				
BR0010796	B1	2010-07-20	BR200010796				
EP1228419	B1	2010-07-21	EP1228419				
US7766567	B2	2010-08-03	US7766567				
US7770784	B2	2010-08-10	US7770784				
CA2371566	C	2010-08-10	CA2371566				
AT475148	T	2010-08-15	ATE475148				
US7783109	B2	2010-08-24	US7783109				
US7784514	B2	2010-08-31	US7784514				
DE60044720	D1	2010-09-02	DE60044720				
CA2371951	C	2010-09-21	CA2371951				
CA2371948	C	2010-09-28	CA2371948				
CA2371584	C	2010-09-28	CA2371584				
CA2371545	C	2010-09-28	CA2371545				
US20100253978	A1	2010-10-07	US20100253978				
CA2371513	C	2010-10-12	CA2371513				
JP4564671	B2	2010-10-20	JP4564671				
JP4564670	B2	2010-10-20	JP4564670				
US7819616	B2	2010-10-26	US7819616				
JP2010244555	A	2010-10-28	JP2010244555				
IL146650	B	2010-10-31	IL-146650				
IL146621	B	2010-10-31	IL-146621				
US20100276483	A1	2010-11-04	US20100276483				
US20100281266	A1	2010-11-04	US20100281266				
US7834852	B2	2010-11-16	US7834852				
US20100294833	A1	2010-11-25	US20100294833				
US7843593	B2	2010-11-30	US7843593				
US7843441	B2	2010-11-30	US7843441				
US7847791	B2	2010-12-07	US7847791				
JP4597387	B2	2010-12-15	JP4597387				
JP4601832	B2	2010-12-22	JP4601832				
IL203935	B	2010-12-30	IL-203935				
US7864345	B2	2011-01-04	US7864345				
JP4606596	B2	2011-01-05	JP4606596				
JP4610745	B2	2011-01-12	JP4610745				
US7876960	B2	2011-01-25	US7876960				
US7876467	B2	2011-01-25	US7876467				
US7877606	B2	2011-01-25	US7877606				
CA2371961	C	2011-02-01	CA2371961				
BRPI0010853	A2	2011-02-15	BR200010853				
JP4638058	B2	2011-02-23	JP4638058				
IL171368	B	2011-02-28	IL-171368				
US7900821	B2	2011-03-08	US7900821				

US7903905	B2	2011-03-08	US7903905				
US7908661	B2	2011-03-15	US7908661				
US7933038	B2	2011-04-26	US7933038				
US7933037	B2	2011-04-26	US7933037				
US20110110609	A1	2011-05-12	US20110110609				
US7948648	B2	2011-05-24	US7948648				
US7952746	B2	2011-05-31	US7952746				
US20110129168	A1	2011-06-02	US20110129168				
US7957012	B2	2011-06-07	US7957012				
US7959064	B2	2011-06-14	US7959064				
JP4705719	B2	2011-06-22	JP4705719				
JP4709397	B2	2011-06-22	JP4709397				
JP4709396	B2	2011-06-22	JP4709396				
US7969587	B2	2011-06-28	US7969587				
US7969608	B2	2011-06-28	US7969608				
US7969602	B2	2011-06-28	US7969602				
IL146610	B	2011-06-30	IL-146610				
JP4717221	B2	2011-07-06	JP4717221				
JP4724302	B2	2011-07-13	JP4724302				
CA2371557	C	2011-08-09	CA2371557				
JP4744698	B2	2011-08-10	JP4744698				
US8009153	B2	2011-08-30	US8009153				
IL165002	B	2011-08-31	IL-165002				
JP4767421	B2	2011-09-07	JP4767421				
US8023141	B2	2011-09-20	US8023141				
US8023138	B2	2011-09-20	US8023138				
US20110228334	A1	2011-09-22	US20110228334				
US20110229058	A1	2011-09-22	US20110229058				
US8031982	B2	2011-10-04	US8031982				
US8031187	B2	2011-10-04	US8031187				
US8031185	B2	2011-10-04	US8031185				
CA2371575	C	2011-10-25	CA2371575				
BRPI0010899	A2	2011-10-25	BR200010899				
BRPI0010897	A2	2011-10-25	BR200010897				
BRPI0010842	A2	2011-10-25	BR200010842				
BRPI0010807	A2	2011-10-25	BR200010807				
US8059106	B2	2011-11-15	US8059106				
BRPI0010844	A2	2011-12-06	BR200010844				
US20110304889	A1	2011-12-15	US20110304889				
BRPI0010852	A2	2011-12-20	BR200010852				
BRPI0010840	A2	2011-12-20	BR200010840				
US8094325	B2	2012-01-10	US8094325				
US20120011214	A1	2012-01-12	US20120011214				
US20120007838	A1	2012-01-12	US20120007838				
US8102554	B2	2012-01-24	US8102554				
US8107114	B2	2012-01-31	US8107114				
US8139254	B2	2012-03-20	US8139254				
BRPI0010859	A2	2012-03-20	BR200010859				

BRPI0010793	A2	2012-03-20	BR200010793				
CA2374708	C	2012-04-24	CA2374708				
BRPI0010896	A2	2012-04-24	BR200010896				
BRPI0010841	A2	2012-04-24	BR200010841				
BRPI0010801	A2	2012-04-24	BR200010801				
US20120104089	A1	2012-05-03	US20120104089				
BRPI0010857	A2	2012-05-15	BR200010857				
US20120140280	A1	2012-06-07	US20120140280				
US8223380	B2	2012-07-17	US8223380				
US8284409	B2	2012-10-09	US8284409				
US8295653	B2	2012-10-23	US8295653				
US20120274987	A1	2012-11-01	US20120274987				
BRPI0010903	A2	2013-04-09	BR200010903				
BRPI0010850	A2	2013-04-09	BR200010850				
BRPI0010805	A2	2013-04-09	BR200010805				
BRPI0010803	A2	2013-04-09	BR200010803				
BRPI0010860	A2	2016-03-29	BR200010860				
BRPI0010856	A2	2016-03-29	BR200010856				
BRPI0010854	A2	2016-03-29	BR200010854				
BRPI0010791	A2	2016-03-29	BR200010791				

Abstract

(EP1240620)

A method for providing a copy of a page from a printed document, the document including coded data indicative of an identity of the document and of a plurality of reference points on the document, the method including: receiving, in a computer system, indicating data from a sensing device operated by a user, the indicating data regarding the identity of the document and a position of the sensing device relative to the document, the sensing device, when placed in an operative position relative to the document, sensing the indicating data using at least some of the coded data; and identifying, in the computer system and from the indicating data, a request for a copy of the page of the document.

Inventors

LAPSTUN PAUL

SILVERBROOK KIA

Latest standardized assignees - inventors removed

LIVESCRIIBE

Family 7/19 - FAMPAT - ©Questel

Title

(WO2015154647)

Currency or security authentication system based on closed-loop authentication theory

Publication data including kind & date

CN103971250	A	2014-08-06	CN103971250			
WO2015154646	A1	2015-10-15	WO2015154646			
WO2015154482	A1	2015-10-15	WO2015154482			
WO2015154595	A1	2015-10-15	WO2015154595			
WO2015154647	A1	2015-10-15	WO2015154647			
CN103971250	B	2017-04-05	CN103971250B			

Abstract

(WO2015154647)

Provided is a currency or security authentication system based on a closed-loop authentication theory. The system comprises a system server, readable and writable memories arranged on each currency or security note, and a testing

device capable of performing reading and writing operations on the readable and writable memories, and of establishing communication with the server. On the principle that any participant of the system and any device provider used by the system are unreliable, an entire block box system security architecture is built, and the security of an anti-counterfeiting system is ensured by the entire security architecture of the system.

Inventors

JIANG FENG

JIANG XINYU

Latest standardized assignees - inventors removed

SICHUAN QIANTAI REN INVESTMENT MANAGEMENT

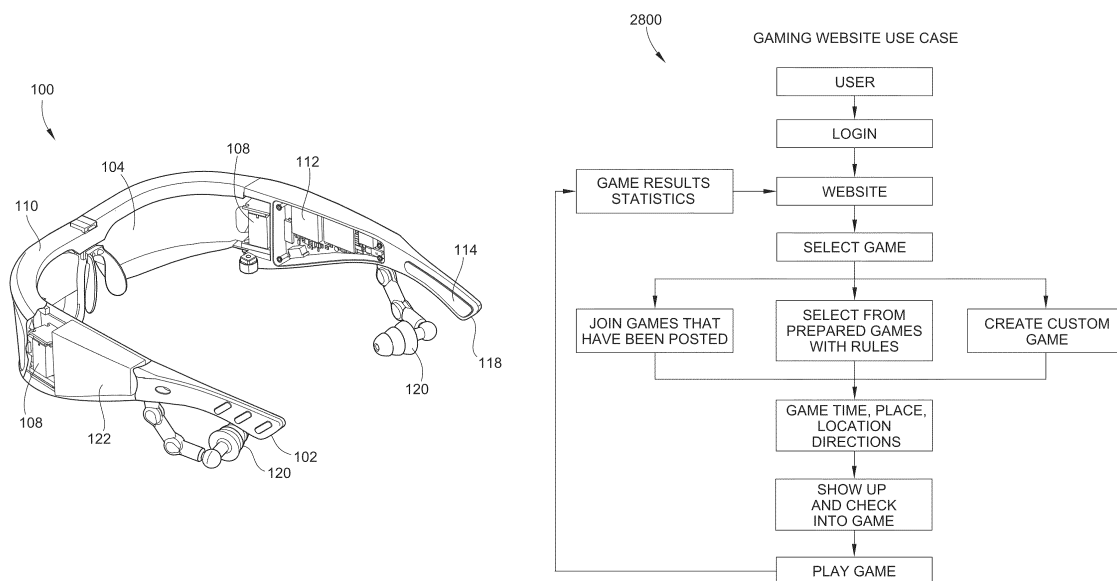
Family 8/19 - FAMPAT - ©Questel

Title

(EP2539759)

Local advertising content on an interactive head-mounted eyepiece

Images



Publication data including kind & date

WO2011106798	A1	2011-09-01	WO2011106798
WO2011106797	A1	2011-09-01	WO2011106797
US20110214082	A1	2011-09-01	US20110214082
US20110213664	A1	2011-09-01	US20110213664
US20110225536	A1	2011-09-15	US20110225536
US20110222745	A1	2011-09-15	US20110222745
US20110221897	A1	2011-09-15	US20110221897
US20110221896	A1	2011-09-15	US20110221896
US20110221793	A1	2011-09-15	US20110221793
US20110221672	A1	2011-09-15	US20110221672
US20110221671	A1	2011-09-15	US20110221671
US20110221670	A1	2011-09-15	US20110221670
US20110221669	A1	2011-09-15	US20110221669
US20110221668	A1	2011-09-15	US20110221668
US20110221657	A1	2011-09-15	US20110221657
US20110221659	A1	2011-09-15	US20110221659
US20110221658	A1	2011-09-15	US20110221658
US20110221656	A1	2011-09-15	US20110221656



US20110227820	A1	2011-09-22	US20110227820				
US20110227813	A1	2011-09-22	US20110227813				
US20110227812	A1	2011-09-22	US20110227812				
US20110231757	A1	2011-09-22	US20110231757				
US20120062445	A1	2012-03-15	US20120062445				
US20120120103	A1	2012-05-17	US20120120103				
US20120119978	A1	2012-05-17	US20120119978				
CA2828413	A1	2012-09-07	CA2828413				
CA2828407	A1	2012-09-07	CA2828407				
WO2012118575	A2	2012-09-07	WO2012118575				
WO2012118573	A1	2012-09-07	WO2012118573				
AU2011220382	A1	2012-10-18	AU2011220382				
KR20130000401	A	2013-01-02	KR20130000401				
EP2539759	A1	2013-01-02	EP2539759				
CN102906623	A	2013-01-30	CN102906623				
WO2012118575	A3	2013-03-14	WO2012118575				
JP2013521576	A	2013-06-10	JP2013521576				
DE112012001022	T5	2013-12-19	DE112012001022				
DE112012001032	T5	2014-01-30	DE112012001032				
US8814691	B2	2014-08-26	US8814691				
US9091851	B2	2015-07-28	US9091851				
US9329689	B2	2016-05-03	US9329689				
US20160217327	A1	2016-07-28	US20160217327				
US9875406	B2	2018-01-23	US9875406				

Abstract

(EP2539759)

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.

Inventors

OSTERHOUT RALPH F

HADDICK JOHN D

LOHSE ROBERT MICHAEL

WILDER KELLIE A

POLINKO NICHOLAS R

KING III ROBERT W

Latest standardized assignees - inventors removed

MICROSOFT TECHNOLOGY LICENSING

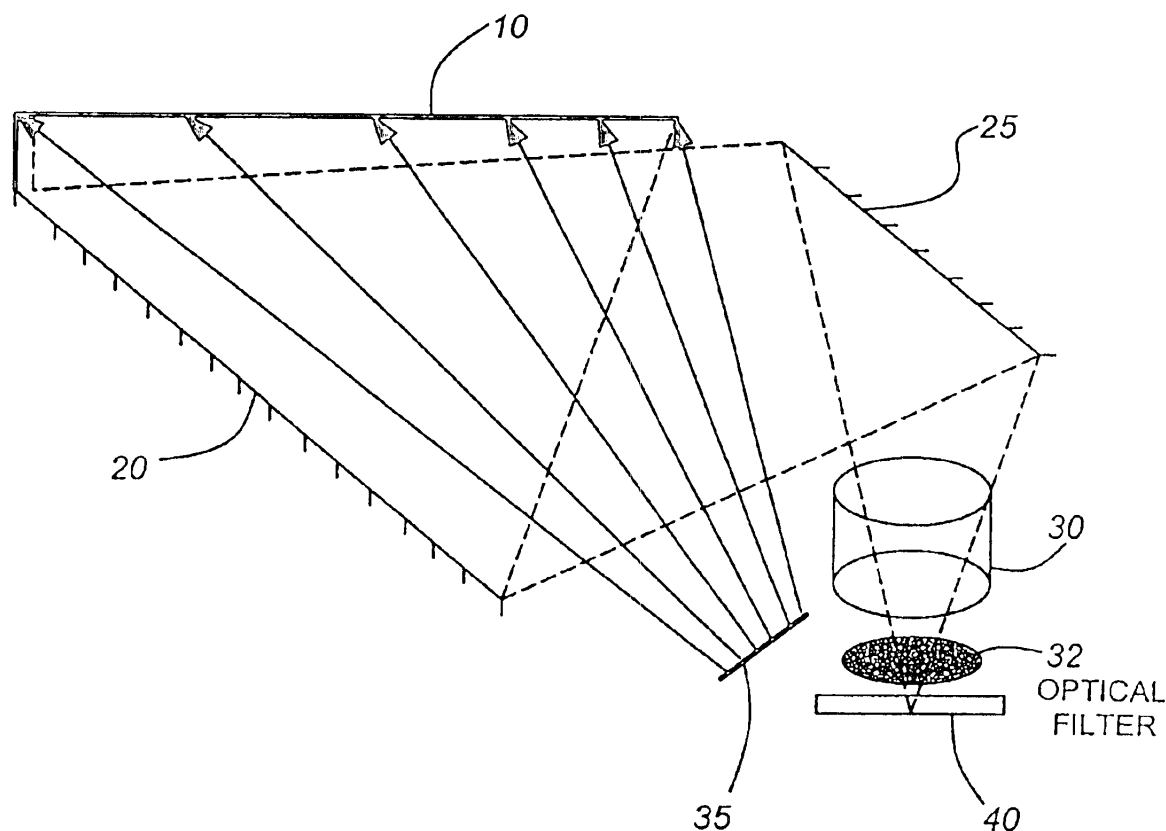
Family 9/19 - FAMPAT - ©Questel

Title

(US7046346)

Optoelectronic document reader for reading UV / IR visible indicia

Images



Publication data including kind & date

US20030169415	A1	2003-09-11	US20030169415
US6839128	B2	2005-01-04	US6839128
US20050139681	A1	2005-06-30	US20050139681
US7046346	B2	2006-05-16	US7046346



Abstract

(US7046346)

A document reader for optoelectronically illuminating, reading and interpreting (i.e. processing and analyzing) indicia appearing on a document in a machine readable zone thereof, wherein the indicia is made visible only under illumination by non-visible light (i.e. UV or IR). UV (or IR) light sources (LED's) of the reader are rapidly switched to a stable, peak UV (or IR) illumination frequency or frequency range to illuminate and render visible such covert UV-visible (or IR-visible) indicia. An optoelectronic image sensor (CCD) captures the document image, which includes the indicia rendered visible by the UV source illumination, and the covert indicia is identified from the captured image. An optical path, being folded by two mirrors so as to provide a compact geometry for the reader, extends between a reading surface on which the document is placed and the image sensor. A lens configured for focussing light defining an image onto the sensor is provided in the optical path. The reader may also include bank(s) (array(s)) of visible light sources (LED's), for illuminating visible indicia, in addition to UV and IR LED arrays and any IR light sources may also be used for illuminating visible OCR characters according to ISO 1831. A controller is provided to sequentially activate each different light source bank.

Inventors

PREMJAYANTH SIVASAMY

BALDERSTON MICHAEL ROBERT

Latest standardized assignees - inventors removed

CANADIAN BANK NOTE

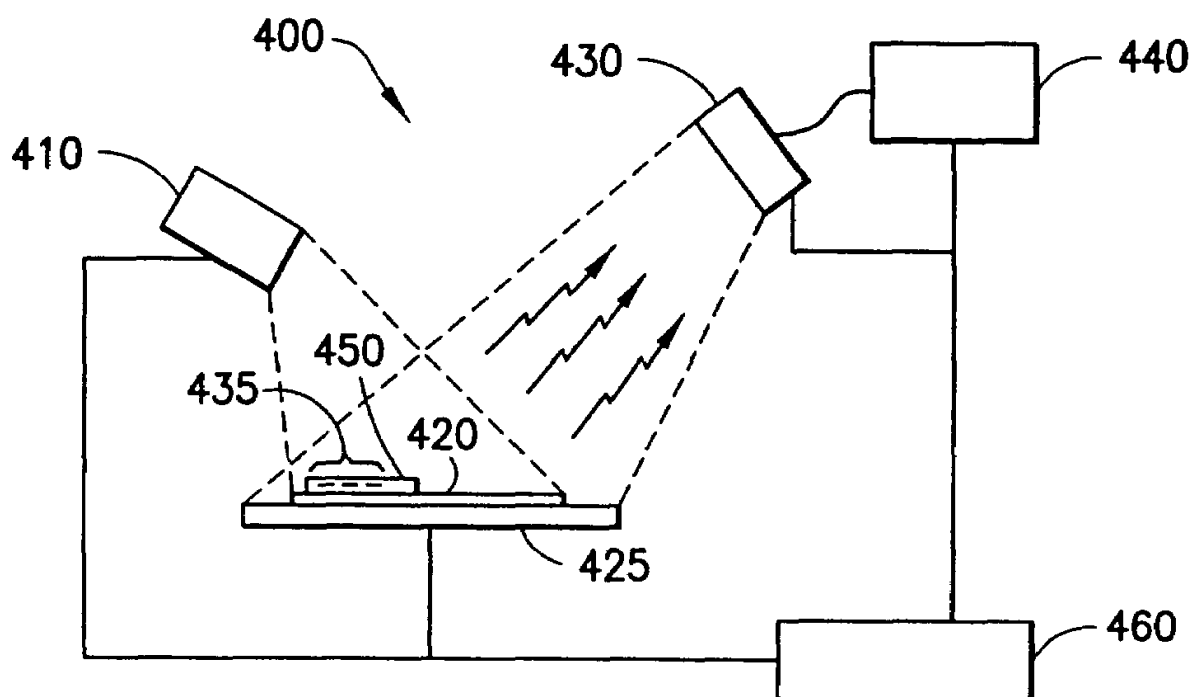
Family 10/19 - FAMPAT - ©Questel

Title

(EP1412915)

Marking articles using a covert digitally watermarked image

Images



Publication data including kind & date

WO02098671	A2	2002-12-12	WO200298671
WO02098670	A2	2002-12-12	WO200298670
CA2449171	A1	2002-12-12	CA2449171
AU2002346244	A1	2002-12-16	AU2002346244
US20030005304	A1	2003-01-02	US20030005304
US20030012562	A1	2003-01-16	US20030012562
WO02098670	A3	2003-04-03	WO200298670
WO02098671	A3	2003-11-27	WO200298671
MXPA03011293	A	2004-02-26	MX2003PA011293
EP1393311	A2	2004-03-03	EP1393311
EP1412915	A2	2004-04-28	EP1412915
JP2004528672	A	2004-09-16	JP2004528672
US20050018595	A1	2005-01-27	US20050018595
EP1412915	A4	2006-10-04	EP1412915
US7184569	B2	2007-02-27	US7184569
US7220535	B2	2007-05-22	US7220535
US20070145735	A1	2007-06-28	US20070145735
EP1393311	A4	2008-03-12	EP1393311
US7529385	B2	2009-05-05	US7529385
CA2449171	C	2009-08-11	CA2449171
EP1393311	B1	2011-03-16	EP1393311
AT502383	T	2011-04-15	ATE502383
DE60239457	D1	2011-04-28	DE60239457



Abstract

(EP1412915)

A marking system that includes forming at least one marking in or on an article (420), wherein the image formed is not visible to the unaided human observer, and further contains at least one digital watermark (435). The digitally watermarked image comprises emissive and photoabsorptive portions. The digitally watermarked image is applied using a substance

reactive to a predetermined excitation source, and exposure to ultraviolet light. Other traditional techniques, such as printing with fluorescent inks may be used in combination. The digitally watermarked image is subsequently observable upon exposure to the predetermined excitation source. The digitally watermarked image may be observed and decoded by appropriately configured detection systems (400), wherein the information obtained may be used for purposes including, but not limited to, authentication and security of the article or information contained within the article.

Inventors

LAWANDY NABIL M

CONROY JEFFREY L

SMUK ANDREI Y

Latest standardized assignees - inventors removed

SPECTRA SYSTEMS

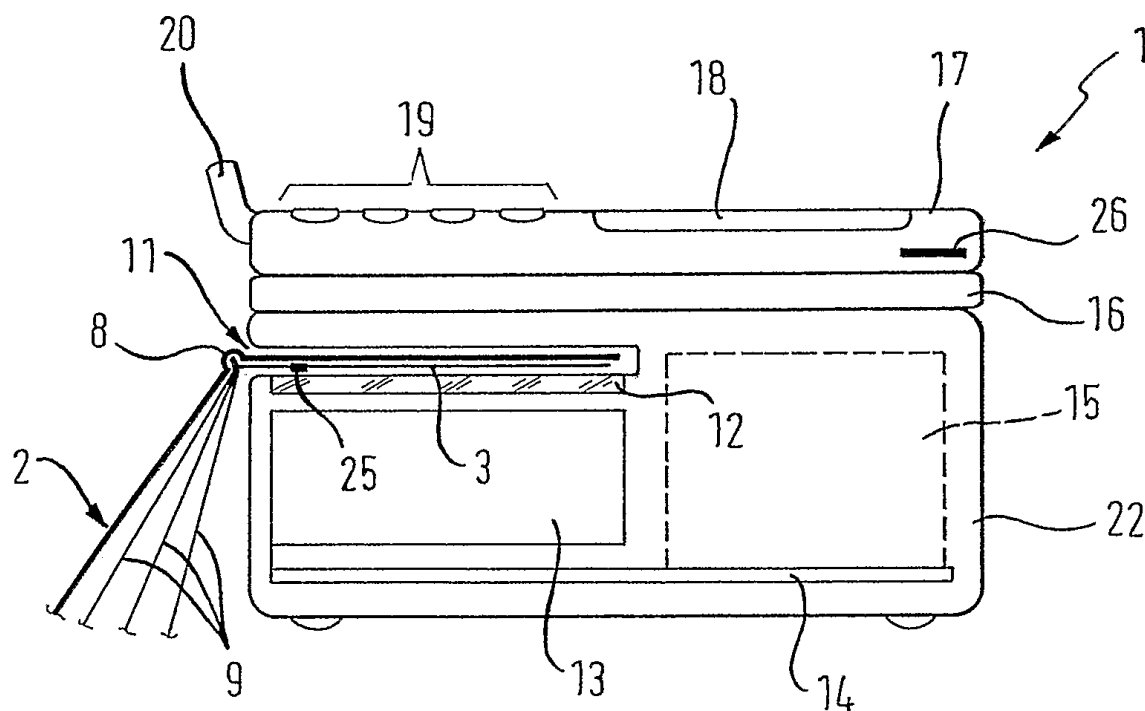
Family 11/19 - FAMPAT - ©Questel

Title

(EP1839278)

Mobile verification device for checking the authenticity of travel documents

Images



Publication data including kind & date

DE102004056007	A1	2006-05-24	DE102004056007
WO2006056268	A1	2006-06-01	WO200656268
EP1839278	A1	2007-10-03	EP1839278
CN101124615	A	2008-02-13	CN101124615
CN100578554	C	2010-01-06	CN100578554C



Abstract

(EP1839278)

The invention relates to a mobile verification device for checking the authenticity of travel documents, weighing less than 1000g, preferably less than 700 g. The verification device comprises an identification device for identifying an authorized user, a release device which releases use of the mobile verification device on the basis of a signal of the identification device for utilization, an optical reader unit for reading image and/or alphanumeric data contained on the pages of the travel document, a data processing device for processing signals delivered by the optical reader device according to a predefined

algorithm, a graphic display unit for displaying read image and/or alphanumeric data and the result of the verification determined by the data processing unit, in addition to a communication unit for encrypted transmission of the read data and/or verification result determined by the data processing unit to at least one central point and for receiving relevant data from the at least one central point via a communication network.

Inventors

PAESCHKE MANFRED

AHLERS BENEDIKT

DRESSEL OLAF

EDWARDS MICHAEL

Latest standardized assignees - inventors removed

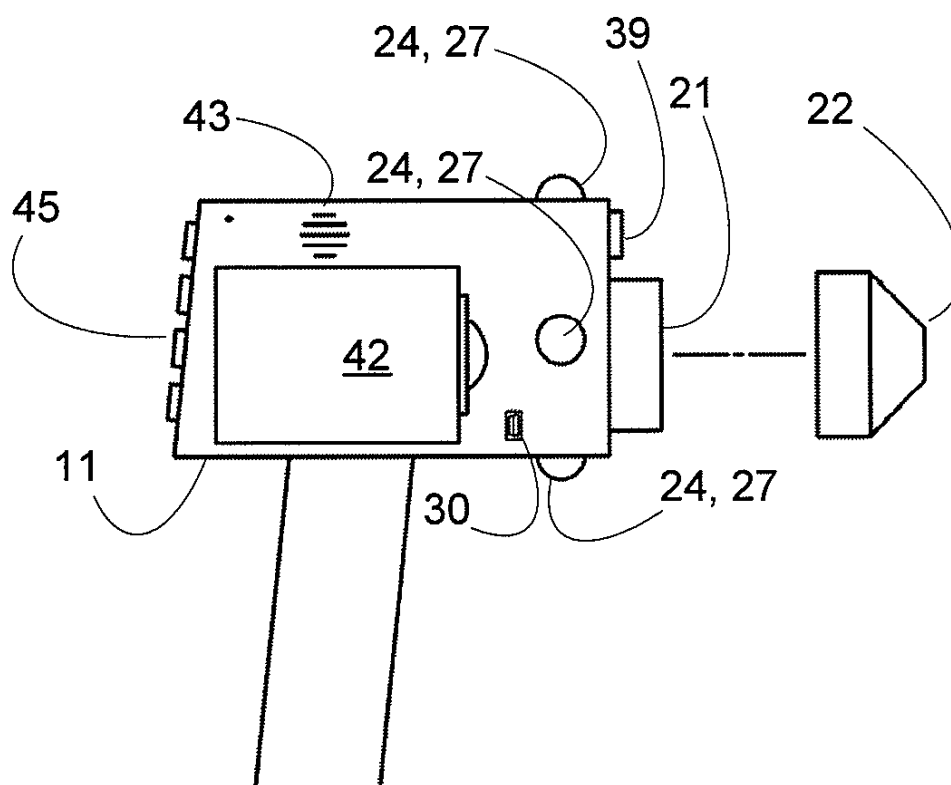
BUNDESDRUCKEREI

Family 12/19 - FAMPAT - ©Questel

Title

(US8352332)

Method and apparatus for ordering paint using a portable self-contained tool

Images**Publication data including kind & date**[US20110282763](#) A1 2011-11-17 US20110282763[US8352332](#) B2 2013-01-08 US8352332[US20140025534](#) A1 2014-01-23 US20140025534**Abstract**

(US8352332)

A method and a system for ordering paint to cover a surface includes, retrieving a color value from a machine-readable

memory to a processor. The processor retrieves a paint quantity from a machine-readable memory. The processor compiles an order for paint including the paint quantity and color value and then transmits the order from the processor to a vendor for formulating the paint quantity having the color value when painted upon the surface and allowed to dry.

Inventors

PESICEK JOHN

Latest standardized assignees - inventors removed

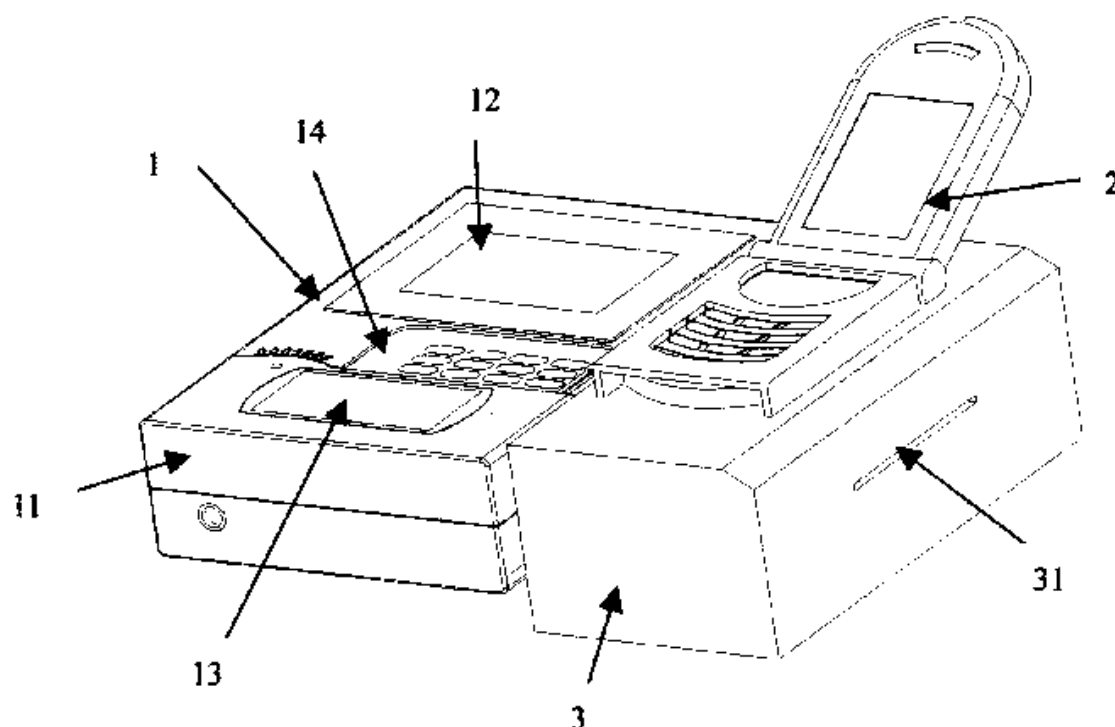
COLOR COMMERCE

Family 13/19 - FAMPAT - ©Questel

Title

(CN100410958C)

Antifalse antipirated edition terminal equipment and method

Images**Publication data including kind & date**

CN1624706	A	2005-06-08	CN1624706
CN100410958	C	2008-08-13	CN100410958C

**Abstract**

(CN100410958C)

A terminal device and method of anti-forgery and anti-products clustering. It scans and encodes the visible and invisible code of mono-dimension and two-dimension, gets the truth or false and selling areas information of the products marked by the code through the manners of radio sending and receiving and the server communication. The terminal device includes the code recognizing module; the radio communication module; the printing module for choosing use; the relating code recognizing module scans and encodes the materials being scanned, the compound information 200 obtained is transmitted to the server 300 by the radio communication module 2 via the radio communication network, the server 300 compares the received compound information 200 with the information in its database to judge the correctness of the compound information 200.

Inventors

ZHANG FU

LÜ YINGFENG

GU CHENGWU

DING XIAOYUN

YAN MIN

Latest standardized assignees - inventors removed

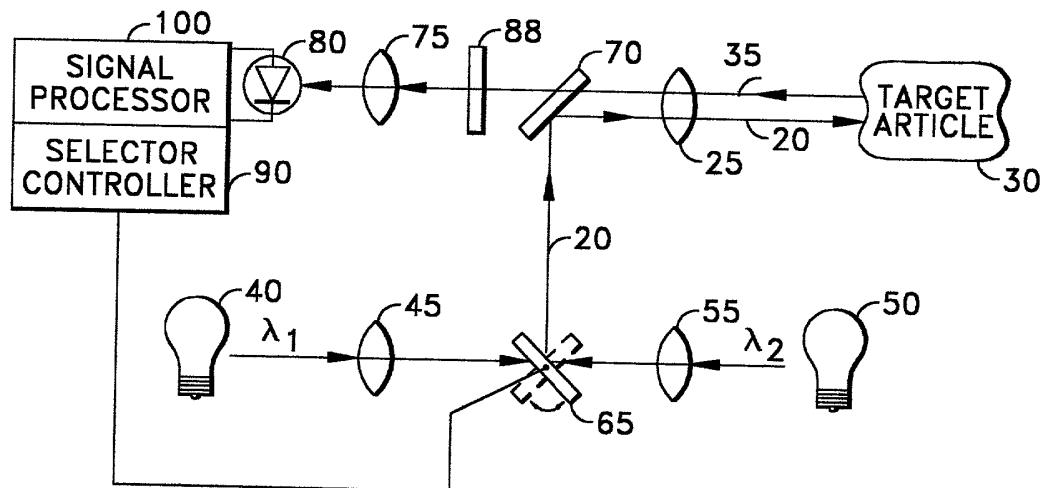
WUHAN SYSCAN TECHNOLOGY

Family 14/19 - FAMPAT - ©Questel

Title

(US20030080193)

Portable authentication fluorescence scanner employing single and multiple illumination sources

Images**Publication data including kind & date**[US20030080193](#)

A1 2003-05-01

US20030080193

**Abstract**

(US20030080193)

A portable fluorescence scanner has single or multiple excitation sources at various non-visible wavelengths. If multiple non-visible sources are used, they are disposed in alignment with a selector controllable to select any of the sources. The selected beam illuminates a target article which, if authentic, has been marked with certain fluorescent material(s), and fluorescent light returns, along an optical path that may include a beam splitter, to a photodetector whose signal is processed and analyzed by a digital signal processor (DSP). The DSP also either controls the deflector or receives a signal from a transducer indicating the deflector's orientation, or both. The invention may be configured as a hand-held fluorescence scanner. Multiple UV laser diode or UV LED sources can be arranged in an array, which may be linear. Multiple photodetectors may be arranged in an array, with a correspondence between individual UV sources and photodetectors, each corresponding pair satisfying a predetermined angular limitation. The scanner may also have one or more visible light sources, used for aiming at indicia to be scanned and/or for optimizing distance from the scanned article.

Inventors

RYAN WILLIAM J

LIANG LOUIS H

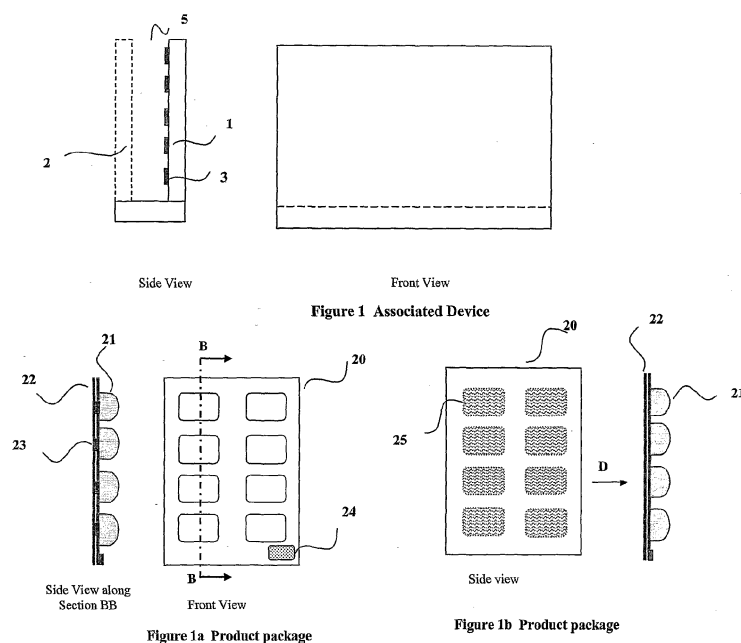
Family 15/19 - FAMPAT - ©Questel

Title

(WO200881465)

Interactive smart package - associated device for anti-counterfeit and compliance measures

Images



Publication data including kind & date

IN0034/MUM/2007	A	2008-02-29	IN2007MU00034
WO2008081465	A2	2008-07-10	WO200881465
TW200833317	A	2008-08-16	TW200833317
WO2008081465	A3	2008-12-04	WO200881465
IN241985	B	2010-08-06	IN-241985
TWI422366	B	2014-01-11	TWI422366



Abstract

(WO200881465)

System comprising product package with signal generating means and chip along with an associated device (5) that facilitates detection of the presence or absence of product/s in the package. The signal generating means is disposed in the package such that removal of product/s from the package generate signal and / or alter the signal detected by a signal sensing means (3) in the said associated device (5). This synergistic combination of the product package with signal generating means and an associated device (5) facilitates detection of presence / absence of product in the package. Further, the interactive smart package and the associated device (5) ensures user registration and identification, authentication and registration of the package, user interactive capabilities for real time feed back to and /or by the user and/or with an integrated system connecting various user entities to ensure effective and secured user compliance measures.

Inventors

NAIK PRAFUL RAMACHANDRA
BHANDARI MOHAN HARAKACHAND

Latest standardized assignees - inventors removed

BILCARE

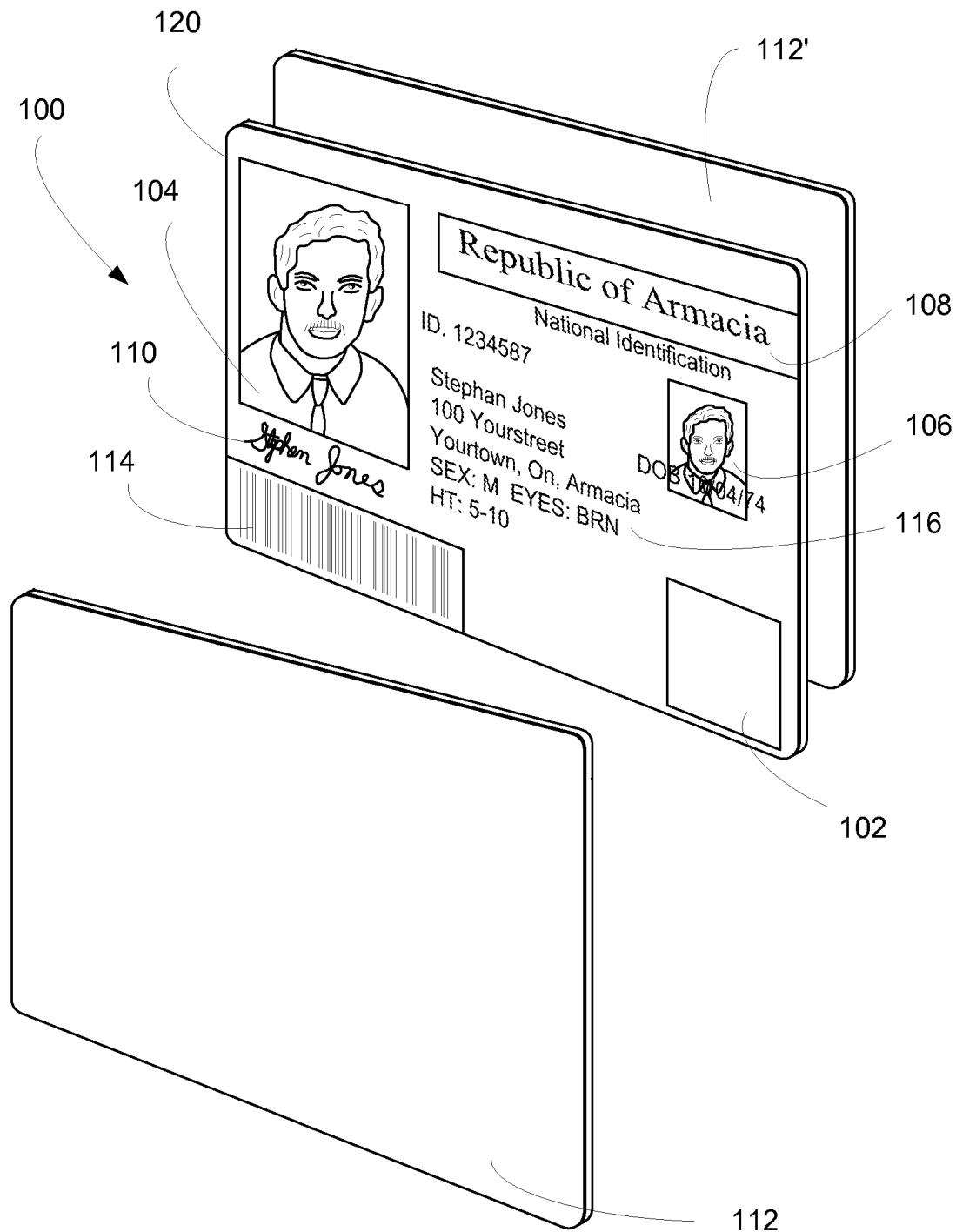
Family 16/19 - FAMPAT - ©Questel

Title

(US8123134)

Apparatus to analyze security features on objects

Images



Publication data including kind & date

US20070246543	A1	2007-10-25	US20070246543
US7427030	B2	2008-09-23	US7427030
US20090008454	A1	2009-01-08	US20090008454
US7762468	B2	2010-07-27	US7762468
US20110180603	A1	2011-07-28	US20110180603
US8123134	B2	2012-02-28	US8123134



Abstract

(US8123134)

The present disclosure provides apparatus for analyzing emerging security or authentication feature for physical objects (e.g., identification documents, product packaging, banknotes, etc.). One claim recites an apparatus comprising: a light source for illuminating a physical object with first non-visible light, the physical object comprising a first code provided with a first ink or dye and a second code provided with a second ink or dye, the second ink or dye comprising an emission decay time that is relatively longer than an emission decay time of the first ink or dye, the first code and the second code

collectively conveying a first feature when illuminated with the first non-visible light, with the second code individually conveying a second feature after emissions attributable to the first code fall to a first level; and an electronic reader programmed for reading at least the second feature after emissions attributable to the first ink or dye fall to the first level and before emissions attributable to the second ink or dye fall to a second level. Other claims and combinations are provided as well.

Inventors

REED ALASTAIR M

JONES ROBERT L

Latest standardized assignees - inventors removed

DIGIMARC

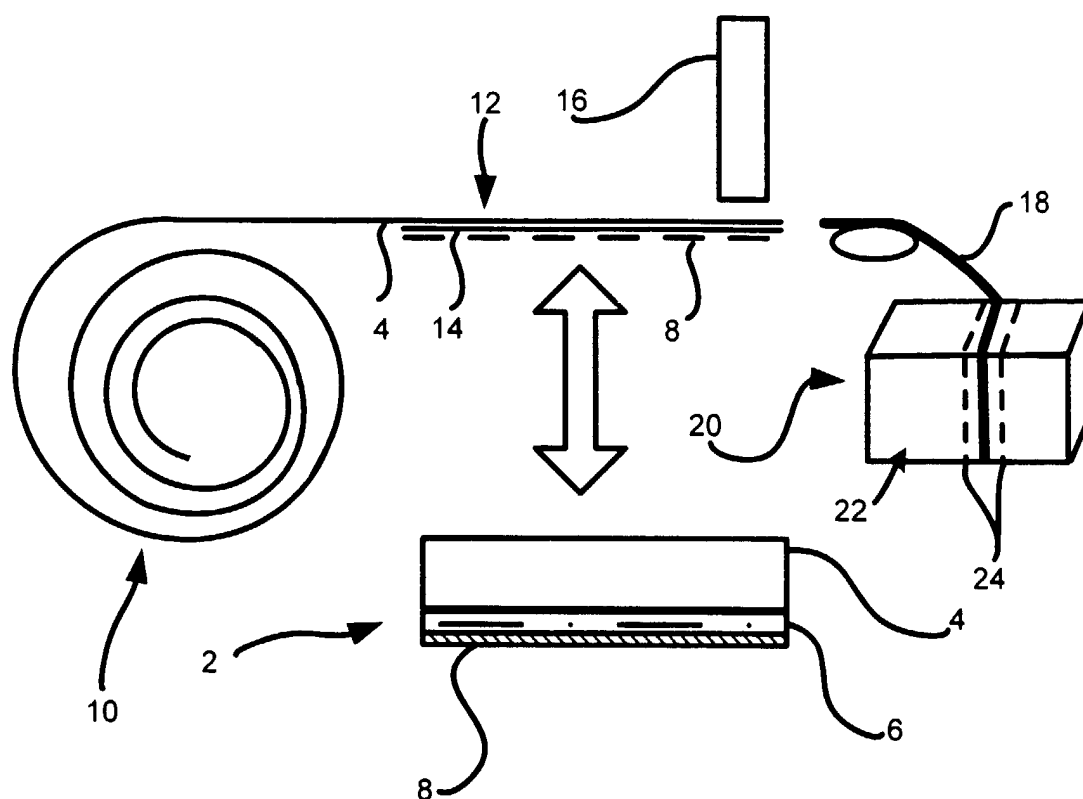
Family 17/19 - FAMPAT - ©Questel

Title

(EP1438715)

Product packaging including digital data

Images



Publication data including kind & date

US20030047610	A1	2003-03-13	US20030047610
WO03044783	A1	2003-05-30	WO200344783
CA2463839	A1	2003-05-30	CA2463839
AU2002347787	A1	2003-06-10	AU2002347787
EP1438715	A1	2004-07-21	EP1438715
CN1575494	A	2005-02-02	CN1575494
MXPA04003780	A	2005-04-08	MX2004PA003780
US20050084645	A1	2005-04-21	US20050084645
IN1118/DELNP/2004	A	2006-07-28	IN2004DN01118
US7124944	B2	2006-10-24	US7124944
AU2002347787	B2	2008-06-05	AU2002347787



[EP1438715](#)

A4 2009-03-25 EP1438715

Abstract

(EP1438715)

Light sensitive material(16) is applied in shipping material, including security seal and tear tape(18), for authentication, discrimination and recognition of packaged items(20).

Inventors

SELINFREUND RICHARD

VIG RAKESH

Latest standardized assignees - inventors removed

VERIFICATION TECHNOLOGIES

Family 18/19 - FAMPAT - ©Questel

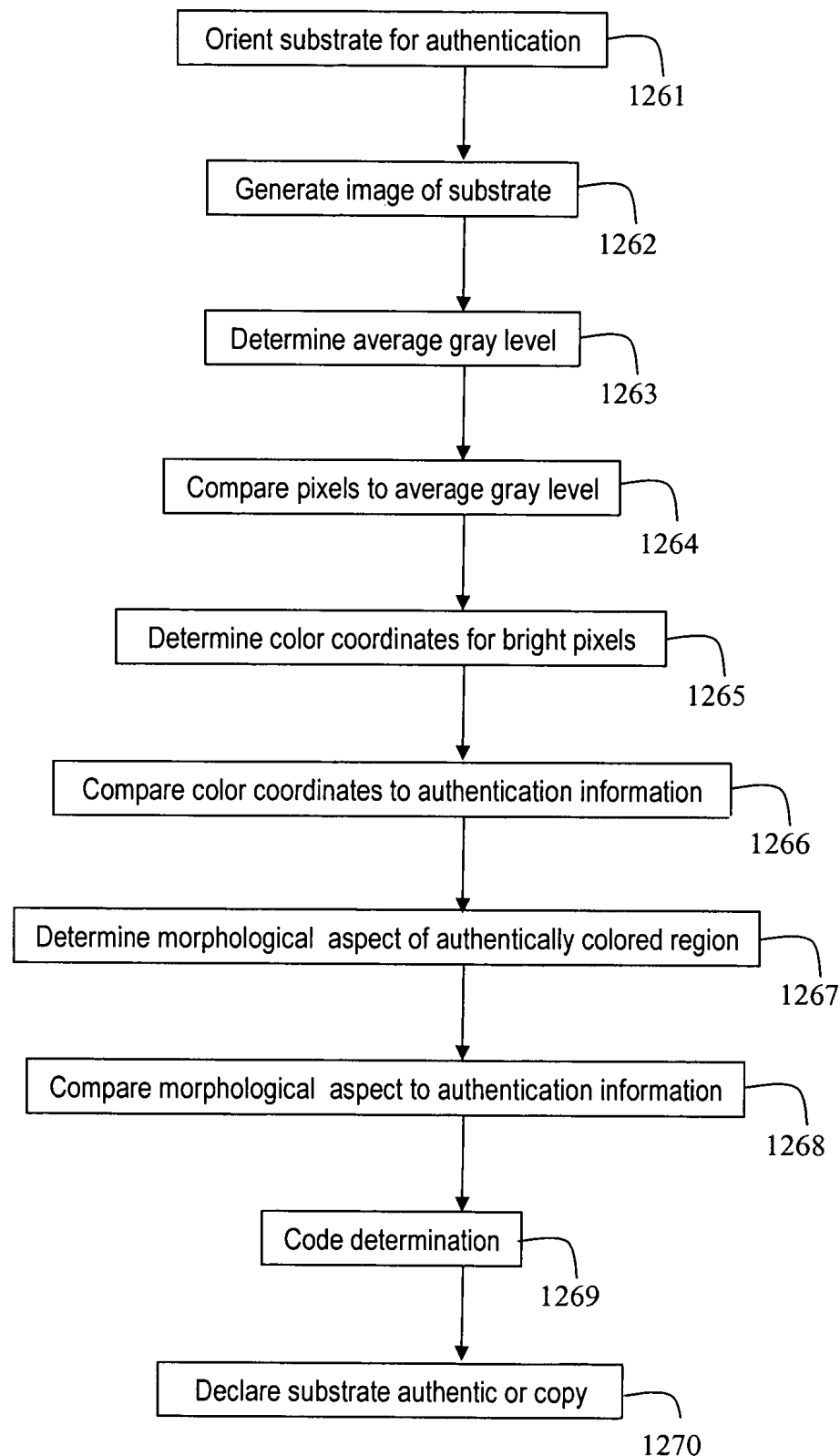
Title

(US20050100204)

Method and apparatus for detecting fluorescent particles contained in a substrate

Images

1275 ↘

**Publication data including kind & date**[US20050100204](#)

A1 2005-05-12

US20050100204

**Abstract**

(US20050100204)

Disclosed herein are methods and apparatus for authentication of various substrates, including paper based substrates such as currency. Techniques are disclosed for use of security features to generate security codes. The security codes are deciphered with apparatus including a color recognition sub-system that provides for verification of authenticity of the

substrate containing the security features.

Inventors

AFZAL ROBERT S

SCHERA CHRISTOPHER A

OLIVER DON

Latest standardized assignees - inventors removed

SPECTRA SYSTEMS

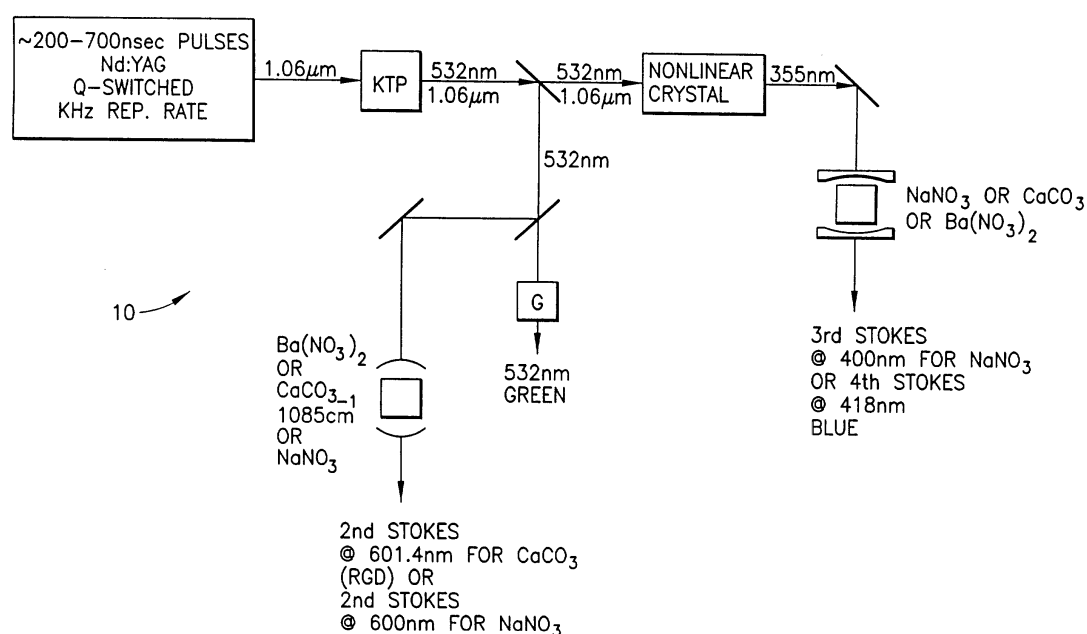
Family 19/19 - FAMPAT - ©Questel

Title

(US20030162296)

Micro-lasing beads and structures for combinatorial chemistry and other applications, and techniques for fabricating the structures and for detecting information encoded by the structures

Images



Publication data including kind & date

US20030142713	A1	2003-07-31	US20030142713
US20030142704	A1	2003-07-31	US20030142704
US20030162296	A1	2003-08-28	US20030162296



Abstract

(US20030162296)

An elongated structure includes a core, at least one and preferably a plurality of gain medium layers disposed about said core for providing a plurality of characteristic emission wavelengths, and a growth matrix or functionalized support suitable for the synthesis therein or thereon of a chemical compound. Other embodiments can be spherical, or planar with a plurality of optical gain medium dots, each providing a different emission wavelengths. Also disclosed is a technique for selectively locating micro-laser beads of interest, and then aiming a laser source at the bead(s) of interest in order to interrogate the optically encoded identification information. Also disclosed is a bead of a type that includes a functionalized support, and that further includes a gain medium coupled to a structure that supports the creation of at least one mode for electromagnetic radiation, and/or which has a dimension or length in one or more directions for producing and supporting amplified spontaneous emission (ASE). The structure can have boundaries that impart an overall geometry to the structure that, in combination with at least one material property of the structure, supports an enhancement of electromagnetic radiation emitted from the gain medium by favoring the creation of at least one mode that enhances an emission of

electromagnetic radiation within a narrow band of wavelengths.

Inventors

LAWANDY NABIL M