

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Silverbrook Research Pty Ltd	08/31/2012
RECEIVING PARTY DATA	
Name:	Google Inc.
Street Address:	1600 Amphitheatre Parkway
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 20	
Property Type	Number
Patent Number:	6106147
Patent Number:	6137500
Patent Number:	6152619
Patent Number:	6195150
Patent Number:	6196541
Patent Number:	6196739
Patent Number:	6227648
Patent Number:	6231148
Patent Number:	6238033
Patent Number:	6238111
Patent Number:	6270182
Patent Number:	6276850
Patent Number:	6287028
Patent Number:	6289262
Patent Number:	6293658

Patent Number:	6304291
Patent Number:	6305770
Patent Number:	6312070
Patent Number:	6315200
Patent Number:	6271931

CORRESPONDENCE DATA

Fax Number: 3127758100

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312.775.8000

Email: mhmpto@mcandrews-ip.com

Correspondent Name: McAndrews, Held & Malloy

Address Line 1: 500 West Madison

Address Line 2: Floor 34

Address Line 4: Chicago, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	GOOGLE/SILVERBROOK
-------------------------	--------------------

NAME OF SUBMITTER:	Christopher C. Winslade
--------------------	-------------------------

Total Attachments: 28

source=Assignment_Silverbrook_Google_As_Filed#page1.tif
source=Assignment_Silverbrook_Google_As_Filed#page2.tif
source=Assignment_Silverbrook_Google_As_Filed#page3.tif
source=Assignment_Silverbrook_Google_As_Filed#page4.tif
source=Assignment_Silverbrook_Google_As_Filed#page5.tif
source=Assignment_Silverbrook_Google_As_Filed#page6.tif
source=Assignment_Silverbrook_Google_As_Filed#page7.tif
source=Assignment_Silverbrook_Google_As_Filed#page8.tif
source=Assignment_Silverbrook_Google_As_Filed#page9.tif
source=Assignment_Silverbrook_Google_As_Filed#page10.tif
source=Assignment_Silverbrook_Google_As_Filed#page11.tif
source=Assignment_Silverbrook_Google_As_Filed#page12.tif
source=Assignment_Silverbrook_Google_As_Filed#page13.tif
source=Assignment_Silverbrook_Google_As_Filed#page14.tif
source=Assignment_Silverbrook_Google_As_Filed#page15.tif
source=Assignment_Silverbrook_Google_As_Filed#page16.tif
source=Assignment_Silverbrook_Google_As_Filed#page17.tif
source=Assignment_Silverbrook_Google_As_Filed#page18.tif
source=Assignment_Silverbrook_Google_As_Filed#page19.tif
source=Assignment_Silverbrook_Google_As_Filed#page20.tif
source=Assignment_Silverbrook_Google_As_Filed#page21.tif
source=Assignment_Silverbrook_Google_As_Filed#page22.tif
source=Assignment_Silverbrook_Google_As_Filed#page23.tif
source=Assignment_Silverbrook_Google_As_Filed#page24.tif
source=Assignment_Silverbrook_Google_As_Filed#page25.tif
source=Assignment_Silverbrook_Google_As_Filed#page26.tif
source=Assignment_Silverbrook_Google_As_Filed#page27.tif
source=Assignment_Silverbrook_Google_As_Filed#page28.tif

PATENT

REEL: 029821 FRAME: 0835

EXHIBIT C

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS (the "Assignment") is executed, acknowledged and delivered by Silverbrook Research Pty Ltd, an Australian proprietary company, with its principal place of business at 393 Darling Street, Balmain NSW 2041, Australia ("Assignor"), in accordance with, and pursuant to the terms and conditions of the Patent Purchase Agreement having an Effective Date of 31 August 2012 (the "Agreement") between Assignor, as Seller and Google Inc., a Delaware corporation, with its principal place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043 ("Assignee"). Capitalized terms used herein and not expressly defined shall have the meaning ascribed to such terms in the Agreement.

"Listed Patents" means the provisional patent applications, patent applications, and patents listed on Exhibit A.

"Patents" means, all (a) Listed Patents; and, to the extent owned by Seller and/or its Affiliates (b) national (of any country of origin) and multinational patents, patent applications and counterparts filed in respect of the Listed Patents, including, without limitation, certificates of invention and utility models; and (c) any items in the foregoing category (b) whether or not expressly listed as Listed Patents and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor agrees to and does hereby irrevocably sell, assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest (i) in and to the Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; (ii) in and to causes of action and enforcement rights for the Patents including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patents; and (iii) to apply in any and all countries for the world for patents; certificates of invention or other governmental grants for the Patents. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

Notwithstanding anything to the contrary herein, Assignor is executing and delivering this Assignment in accordance with and subject to all of the terms and provisions of the Agreement. In the event of any conflict between the terms of this Assignment and those of the Agreement, the terms of the Agreement shall be controlling.



PPA v20110307

A/75137885.2



PATENT
REEL: 029821 FRAME: 0836

This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of California, without giving effect to the conflict of laws rules thereof.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed as of this 31 day of AUGUST 2012

ASSIGNOR:

Silverbrook Research Pty Ltd

By: [Signature]

Name: KIA SILVERBROOK

Title: CEO

NOTARIZATION MUST BE ON THIS PAGE

Subscribed and sworn to before me this 31 day of AUGUST, 2012

(Notarial Seal)

Signature: [Signature]

Notary Public



PPA v20110307

A/75137885.2

[Signature]

PATENT
REEL: 029821 FRAME: 0837

EXHIBIT A
LISTED PATENTS

Docket #	Patent #	Application #	Country	Title
ART61US	6106147	09/112791	United States of America	Re-Writeable Optical Card Reader/Writer Unit using Ink Dots for Data Storage
ART30US	6137500	09/112797	United States of America	Utilizing of Brush Stroking Techniques in the Generation of Computer Images
IR20US	6152619	09/112,745	United States of America	Portable camera with an ink jet printer and cutting blade
ART15US	6195150	09/112739	United States of America	Pseudo-3D Stereoscopic Images and Output Device
ART13US	6196541	09/112740	United States of America	De-curling Print Media in a Digital Instant Printing Camera
IR17US	6196739	09/112773	United States of America	Paper Guide System in a Print on Demand Digital Camera System
ART07US	6227648	09/112776	United States of America	Print Roll Having an Ink Return Tray
IR01US	6231148	09/113102	United States of America	A Low Cost Disposable Digital Instant Printing Camera System
IR06US	6238033	09/112810	United States of America	Reusable Camera System which Authenticates a Refill Station
IR12US	6238111	09/113085	United States of America	Camera Picture Printing User Interface and Method
IR19US	6270182	09/112775	United States of America	Ink jet Print Head Recapping Mechanism
ART59US	6271931	09/112829	United States of America	Data Addition to Optical Storage Cards using Ink Dots
AP01US	6276850	09/437036	United States of America	Sticker Printing Camera Device
IR26US	6287028	09/688225	United States of America	Arrangement of a Power Supply in a Recyclable Digital Camera
ART66US	6289262	09/112749	United States of America	System for High Volume Printing of Optical Storage Cards using Ink Dots
IR04US	6293658	09/113105	United States of America	Print Head Ink Supply System
ART63US	6304291	09/112789	United States of America	Artcard for the Administration of the Operation of a Camera Device
ART65US	6305770	09/112795	United States of America	Digital Photograph Storage using Ink Jet Printing
IR10US	6312070	09/112766	United States of America	Recycling of Multi-Use Digital Instant Printing Camera Systems
ART68US	6315200	09/112784	United States of America	Encoded Data Card Reading System

PPA v20110307

A/75137885.2



ART50US	6317192	09/113055	United States of America	Utilisation of Image Tiling Effects in Photographs
ART04US	6322181	09/112748	United States of America	Camera System Including Digital Audio Message Recording on Photographs
ART27US	6329990	09/112805	United States of America	Brush Stroke Palette Feedback Method for Automatic Digital "Painting" Effects
ART60US	6353772	09/112792	United States of America	Vending Machine for the Production of Customised Photos and Artcards including a Set of Instructions for a Manipulation of an Image
ART22US	6356715	09/113058	United States of America	Prints Remaining Indicating for Camera with Variable Length Print Capability
ART57US	6357135	09/112758	United States of America	Binocular Glasses with an Integral Printer Device
ART16US	6362868	09/113053	United States of America	Print Media Roll and Ink Replaceable Cartridge
ART20US	6362869	09/113069	United States of America	Authentication System for Camera Print Rolls
ART26US	6366693	09/112804	United States of America	Digital Image Region Detection Method and Apparatus
IR16US	6378970	09/112760	United States of America	A Power Drive System for a Print on Demand Digital Camera System
ART48US	6381361	09/112753	United States of America	Method for Transforming a Gamut of a Color Image to Produce an Artistic Effect
ART33US	6398328	09/112824	United States of America	High Quality Image Copier with Exact Reproduction of Digitally Halftoned Images
IR27US	6412993	09/688226	United States of America	Arrangement of usage indicator in a recyclable, digital camera
ART43US	6415054	09/113051	United States of America	Target Detection for Dot Region Alignment in Optical Storage Systems using Ink Dots
ART19US	6431669	09/113063	United States of America	Method and Apparatus for Information Storage in a Portable Print Roll
ART38US	6431704	09/112823	United States of America	Miniature Color Printer using Ink and Paper Cartridges
ART29US	6459495	09/112785	United States of America	Dot Center Tracking in Optical Storage Systems using Ink Dots
ART21US	6472052	09/112744	United States of America	Anisotropic rigidity to reduce curl in rolled media
ART02US	6476863	09/113070	United States of America	Image Transformation Means Including User Interface
ART47US	6486886	09/113091	United States of America	Bump Map Compositing for Simulated Digital Painting Effects
ART80US	6496654	09/693471	United States of America	Method and Apparatus for Fault Tolerant Data Storage on Photographs
AP02US	6520631	09/436751	United States of America	Cartridge for a Sticker Printing Digital Camera Device

PPA v20110307

A/75137885.2



PATENT
REEL: 029821 FRAME: 0839

AP04US	6539180	09/436750	United States of America	Print on Demand Camera System Incorporating a Detachable Printing Unit
ART46US	6542645	09/113059	United States of America	Adaptive Tracking of Dots in Optical Storage Systems using Ink Dots
PP10US	6553459	09/575166	United States of America	Memory Module for Compact Printer System
ART06US	6597817	09/112747	United States of America	Orientation Detection for Digital Cameras
IR05US	6614560	09/113104	United States of America	Integrated Camera Circuit including Image Sensor Image Processing and Printer Drive Circuits
YU131US	6618117	09/922274	United States of America	Image Sensing Apparatus Including a Microcontroller
ART56US	6624848	09/112757	United States of America	Cascading Image Modification using Multiple Digital Cameras Incorporating Image Processing
ART25US	6636216	09/113224	United States of America	Digital Image Warping System
YU130US	6637873	09/964595	United States of America	Cartridge for a Sticker Printing Digital Camera Device
ART53US	6646757	09/112752	United States of America	Garment Design and Fabric Printing System Utilising Digitally Encoded Design Cards
ART83US	6647369	09/693078	United States of America	Reader to Decode Sound and Play Sound Encoded in Infra-red Ink on Photographs
BAL25US	6650836	10/302288	United States of America	Method and Apparatus for Fault Tolerant Storage of Photographs
ART62US	6665008	09/112790	United States of America	Artecard for the Control of the Operation of a Camera Device
ART45US	6665454	09/113056	United States of America	Dot Adjacency Compensation in Optical Storage Systems using Ink Dots
PCP04US	6683996	09/659835	United States of America	Method and Apparatus for Rotating Bayer Images
ART31US	6690416	09/112796	United States of America	Image Production Utilizing Text Editing Including Complex Character Sets
ART09US	6690419	09/112746	United States of America	Utilising Eye Detection Methods for Image Processing in a Digital Image Camera
ART08US	6727948	09/112750	United States of America	Utilising Autofocus Information for Image Processing in a Digital Camera
IR24US	6738096	09/663153	United States of America	Low-Cost Disposable Camera Including Print Media Carrying Indication of Postage Paid
ART01US	6750901	09/113060	United States of America	Digital Instant Printing Camera with Image Processing Capability
BAL12US	6750944	10/291476	United States of America	Programmable camera system with software interpreter
PCP03US	6771811	09/659837	United States of America	Method and Apparatus for Up-Interpolating a Bayer Image

PPA v20110307

A/75137885.2

unR

BAL21US	6773874	10/274118	United States of America	Digital Print Media Output with Reduced Residual Curl
DOT01US	6786420	09/112781	United States of America	Data Distribution Mechanism in the form of Ink Dots on Cards
ART03US	6788336	09/113073	United States of America	Digital Camera with Integral Color Printer and Modular Replaceable Print Roll
AP84US	6795651	10/401988	United States of America	Camera with Detachable Printer
PCP01US	6804030	09/659620	United States of America	Method and Apparatus for Producing Print from a Bayer Image
PCP02US	6807315	09/659836	United States of America	Method and Apparatus for Sharpening an Image
PP08US	6812972	09/575135	United States of America	Camera Module for Compact Printer System
DOT03US	6827282	10/269998	United States of America	Identifying Card
ART18US	6831681	09/113067	United States of America	Preprinted Print Rolls for Use in an Image Processing Device
ART51US	6850274	09/113057	United States of America	Image Texture Mapping Camera
ART81US	6859225	09/693083	United States of America	Method and Apparatus for Fault Tolerant Data Storage on Photographs
IR23US	6876394	09/663476	United States of America	Arrangement of Ink in a Low-Cost Disposable Camera
ART42US	6879341	09/112786	United States of America	Digital Camera System Containing a VLIW Vector Processor
BAL34US	6880929	10/636213	United States of America	Personal Digital Assistant with Integrated Printer
ART24US	6894694	09/112777	United States of America	Producing Automatic "Painting" Effects in Images
PP13US	6903766	09/575137	United States of America	Timer Module for Compact Printer System
BAL95US	6913875	10/853184	United States of America	Curl Resistant Print Media
BAL63US	6914686	10/659024	United States of America	A Handheld Mobile Communications Device with a Colour Image Sensor and a Color Printer
ZGI80US	6918542	10/676044	United States of America	A Data Distribution Mechanism in the Form of Ink Dots on Cards
ART84US	6943830	09/693226	United States of America	Printed Card Based User Interface System
DOT05US	6948661	10/644008	United States of America	Data Structure Encoded on a Surface of an Object
ZGI44US	6951390	10/659016	United States of America	Print Media Cartridge with Integral Print Media and Ink Supplies
PP12US	6956669	09/575121	United States of America	Effects Processor for Effects Module
PCP11US	6965691	10/902858	United States of America	Camera with processor for up-interpolating a bayer image
PP11US	6967741	09/575134	United States of America	Effects Module for Compact Printer System
BAL101US	6967750	10/920218	United States of America	Handheld Mobile Communications Device with an Image Sensor and a Printer Including a Capping Mechanism

PPA v20110307

A/75137885.2

IR25US	6970186	09/662617	United States of America	Camera Exchange System and Method
PP17US	6975429	09/575122	United States of America	Method and Apparatus of Image Conversion
ZG145US	6981765	10/659020	United States of America	Print Media Cartridge with an Integral Print Media Transport Mechanism and Ink Supply
BAL20US	6985207	10/176680	United States of America	Photographic prints having magnetically recordable media
BAL102US	6995876	10/920220	United States of America	Handheld Mobile Communications Device with an Image Sensor, a Printer and a Display Moveable Between First and Second Positions
IR22US	7006143	09/662668	United States of America	Arrangement of Print Media in a Low-Cost Disposable Camera
ZG181US	7007852	10/676026	United States of America	Data Distribution Mechanism in the Form of Ink Dots on Cards
ART32US	7050143	09/113071	United States of America	Camera System with Computer Language Interpreter
PCP12US	7058219	10/902880	United States of America	Camera and printer combination using up-interpolation of bayer image
PP41US	7061650	10/636262	United States of America	Method and Apparatus for Bayer Mosaic Image Conversion
BAL111US	7063940	11/072530	United States of America	Curl Resistant Media
DOT06US	7073713	10/643884	United States of America	A Card Having Coded Data and Visible Information for Operating a Device
ART139US	7077330	11/155514	United States of America	Arrangement for Reading Coded Data Printed on a Card
DOT12US	7083108	11/076057	United States of America	Redundantly Encoded Data Structure for Encoding a Surface
BAL71US	7092011	10/729099	United States of America	Camera for Printing on Media Provided on Print Roll
DOT10US	7093762	10/963542	United States of America	Image Processing and Printing Apparatus
BAL62US	7095533	10/659025	United States of America	Hand Held Mobile Communications Device with an Image Sensor and a Printer
XMB062US	7097104	11/013466	United States of America	Image Manipulation Device
BEA013US	7097263	11/026419	United States of America	Printing Cartridge for a Camera and Printer Combination Including an Authentication Device
BAL99US	7099033	10/920280	United States of America	Handheld Mobile Communications Device with an Image Sensor, a Printer and a Media Slot
BAL103US	7099051	10/920225	United States of America	Handheld Mobile Communications Device with an Image Sensor, a Printer and an Interface for Interrogating an Authentication Mechanism of a Cartridge Inserted into the Receptacle
ZG204US	7100834	11/055164	United States of America	Method of Data Distribution using Ink Dots on Cards
ZG172US	7101034	10/713058	United States of America	Print Media Cartridge with Integral Print Media Transport Mechanism

PPA v20110307

A/75137885.2

WLR

ART34US	7110024	09/113090	United States of America	Digital Camera System having Motion Deblurring Means
BAL03US	7119836	10/309227	United States of America	Print roll for use in a camera imaging system
PP40US	7123382	10/636198	United States of America	Method for Bayer Mosaic Image Conversion
PP23US	7139084	10/636270	United States of America	Effects Module for a Compact Printer System
BAL38US	7155394	10/636220	United States of America	Audio Playback Device that Reads Data Encoded as Dots of Infra-red ink
AP80US	7155395	10/189477	United States of America	Preprinted print rolls for postal use in an image processing device
BAL98US	7161709	10/920221	United States of America	Hand Held Mobile Communications Device with an Image Sensor, a Printer and a Receptacle for Receiving an Ink Cartridge
BAL100US	7170652	10/920219	United States of America	Handheld Mobile Communications Device with an Image Sensor, a Printer and a Business-Card Sized Slot
PP24US	7173735	10/636269	United States of America	Method of Processing a Stored Image
PCP15US	7181063	11/198233	United States of America	Camera for Capturing and Resampling Non-Linear Bayer Image
BAL124US	7186499	11/442182	United States of America	Print Medium with Anisotropic Bending Properties
BAL72US	7187404	10/729097	United States of America	A Camera for Printing Manipulated Images on Media
PCP14US	7187807	10/943921	United States of America	Apparatus for Sharpening an Image using a Luminance Channel
BAL113US	7193734	11/107943	United States of America	Printer and Image Sensor in a Mobile Communications Device
DOT14US	7201319	11/123190	United States of America	Device Which Processes Images in Accordance with Coded Data on Card
XMB092US	7221867	11/071475	United States of America	Device for Image Capture and Processing
DOT13US	7222799	11/107792	United States of America	Data Storage Device Incorporating a Two-Dimensional Code
XMB016US	7233421	10/980654	United States of America	Data Card Reader
BAL37US	7236187	10/636221	United States of America	Data Storage on Photographs
BAL36US	7236188	10/636222	United States of America	Method and Apparatus for Fault Tolerant Program and Data Storage on Photographs
BAL31US	7250975	10/636192	United States of America	Modifying Digital Images Utilizing Auto Focus Information
PP28US	7250977	10/636254	United States of America	Gender Changer Module with a Data and Power Bus
BAL11US	7256824	10/636226	United States of America	Camera with Eye Position Detector
PP22US	7274485	10/636232	United States of America	Effects Module for Manipulation of an Image

PPA v20110307

A/75137885.2



ART138US	7283159	11/124284	United States of America	Substrate Including Digital Photographic Image and Coded Image Data
BAL04US	7283162	10/322698	United States of America	Utilization of color transformation effects in photographs
ART137US	7286162	11/124044	United States of America	Photograph Including Coded Image Data
BAL05US	7286169	10/642331	United States of America	Cascading Image Modification using Multiple Digital Cameras Incorporating Image Processing
PP26US	7286182	10/636276	United States of America	Device for Controlling the Taking of Multiple Images
ZG081US	7287702	11/446241	United States of America	Card Reader
BAL61US	7289142	10/683197	United States of America	Monolithic Integrated Circuit Having a Number of Programmable Processing Elements
XMB075US	7289156	11/026326	United States of America	Optical Data Card Reader
PCP13US	7289681	10/943977	United States of America	Method of Sharpening Image using Luminance Channel
BAL131US	7291447	11/650548	United States of America	Print Medium with One Side Defined By a Rib-Like Structure
ART134US	7295211	11/063577	United States of America	Method of Automatic Image Processing
BAL32US	7295343	10/636214	United States of America	Digital Photo Album with Image Modification and Internal Printing
PP20US	7301567	10/636217	United States of America	Method of Image Processing in a Camera Module
ZG129US	7306305	10/846561	United States of America	Hand-Held Postcard Printer
BAL50US	7312845	10/656469	United States of America	Method of Capturing and Process Sensend Images
BAL26US	7324142	10/666495	United States of America	Camera Control Print Medium
ZG131US	7334855	10/846647	United States of America	Postcard Printing System Including Postage Paid Print Roll
ZG133US	7347517	10/846627	United States of America	Print Roll for Postcard Printer
PCP18US	7349572	11/650536	United States of America	A Method of Pre-Processing an Image to be Printed in a Hand-Held Camera
BAL53US	7375746	10/666124	United States of America	Forming a Manipulated Image using a Printed Medium Having an Image Manipulation Instruction
XMB018US	7377706	10/983082	United States of America	Print Media Roll and Ink Supply Cartridge
AP118US	7385628	10/943903	United States of America	Camera and Printer Unit with Detachable Interface
AP117US	7385629	10/943904	United States of America	Camera Having Socket for Receiving Detachable Printer Unit
AP116US	7385630	10/943906	United States of America	Camera and Detachable Printer Unit
BAL84US	7385639	10/831240	United States of America	Digital Image Camera Utilizing Autofocus Settings to Produce a Manipulated Image

PPA v20110307

A/75137885.2



API15US	7400346	10/943905	United States of America	Camera and Printer Having Slidably Detachable Interface
YU13INPUS	7443434	10/485738	United States of America	Image Sensing Apparatus Including a Microcontroller
BAL79US	7453492	10/804042	United States of America	A Portable Hand Held Camera
BAL112US	7453586	11/107942	United States of America	Image Sensor and Printr in a Mobile Communications Device
ART122US	7456861	10/919249	United States of America	Digital Camera That Incorporates an Authentication Arrangement for Application to Consumable Print Rolls
ZG219US	7458676	11/505849	United States of America	Print Media Cartridge with Integral Print Media and Ink Storage
BAL70US	7460152	10/729098	United States of America	A Camera for Printing Manipulated Images
IR51US	7466341	11/102845	United States of America	Disposable Camera with Destructive Casing
PP50US	7466353	10/853143	United States of America	Method of Processing an Image in a Camera Module to Produce L*A*B* Form Image
PP87US	7466452	11/653239	United States of America	Hand Held Camera Assembly with an Effects Module
PP93US	7468807	11/845666	United States of America	Modular Printer Effects Module with a Triplet of Actuators
ZG265US	7469096	12/023015	United States of America	Platen Unit for a Disposable Camera Having a Printer
ZG122US	7471313	10/804036	United States of America	Postcard Generator
DOT07US	7475825	10/983060	United States of America	Data Distribution Method
IR52US	7477287	11/102861	United States of America	Device for Storing and Printing Images
BAL73US	7483050	10/729159	United States of America	Camera and Controlling Processing System
BAL51US	7492490	10/656281	United States of America	An Image Processing Apparatus for Applying Effects to a Stored Image
ZG121US	7511744	10/804057	United States of America	Portable camera with inbuilt printer device
PP19US	7518634	10/636233	United States of America	Pivotal Camera Module for Compact Printer System
DOT15US	7524045	11/442103	United States of America	A Print Roll Assembly
BAL126US	7525687	11/525862	United States of America	Garment Creation System
XMB021US	7533022	10/982834	United States of America	Printed Media with Machine Readable Markings
ART85US	7535582	09/693317	United States of America	Digital Photographic Duplication System with Image Quality Restoration
ZF189US	7551201	10/729151	United States of America	An Image Capture and Processing Device for a Print on Demand Digital Camera System
BAL90US	7551202	10/831235	United States of America	Digital Camera with Integrated Inkjet Printer
PP57US	7557828	10/954168	United States of America	Compact Camera Module and Printer System

PPA v20110307

A/75137885.2



BAL39US	7557829	10/636219	United States of America	Device that reads data encoded as dots
BAL85US	7557853	10/831241	United States of America	Processing of Digital Images using Autofocus Settings for Image Enhancement
BAL118US	7558476	11/190902	United States of America	Digital Camera with Ancillary Data Capture
ZG263US	7568775	12/015423	United States of America	Refillable Ink Supply Cartridge for a Postcard Printing Camera System
ZG267US	7568794	12/025641	United States of America	Ink Supply Mechanism for a Disposable Camera Printing System
AP48NPUS	7573501	10/503897	United States of America	Camera with Swipe Printer
PP21US	7576775	10/636216	United States of America	Image Processor Having an Application Specific Integrated Circuit for Camera Module
PP66US	7576776	11/107798	United States of America	Modular Camera System
BAL82US	7576794	10/831237	United States of America	Manipulation of Digital Camera Images Utilizing Stored Autofocus Settings
BAL81US	7576795	10/831238	United States of America	Digital Image Camera using Autofocus Information for Image Enhancement
XMB015US	7580068	10/980184	United States of America	Image Data Manipulation System
BAL141US	7590347	11/951960	United States of America	Photographic Prints Having Magnetically Recordable Media
BAL87US	7593058	10/831233	United States of America	Image Processor for Digital Camera
BAL60US	7602423	10/683217	United States of America	Integrated Circuit for a Digital Camera system
XMB074US	7604345	11/026135	United States of America	Digital Camera with Printing Assembly
XMB022US	7605851	10/982833	United States of America	Method of Operating a Camera Timing Module
BAL40US	7609411	10/636223	United States of America	Digital Duplication of Images using Encoded Data
ZF218US	7610203	11/123008	United States of America	System for Recording and Playing Audio Signals Provided on a Photograph
XMB034US	7612825	10/992748	United States of America	Cylindrical Camera Module with Pivot Assembly
ART152US	7629999	11/442111	United States of America	Printer CPU with VLIW Processor
ZG273US	7631966	12/056217	United States of America	Print Roll for a Camera Having an Internal Printer
BAL17US	7633535	10/636225	United States of America	Apparatus for Adding User-Supplied Text to a Digital Still Image
ART154US	7646403	11/499806	United States of America	De-Blurring in a Digital Image System
ZG269US	7654626	12/056228	United States of America	Camera Device Incorporating a Color Printer with Ink Validation Apparatus

PPA v20110307

A/75137885.2

cur

DPF003US	7663784	11/518244	United States of America	Method of Storing and Displaying Photos on a Digital Photo Frame
ZF217US	7664647	11/123009	United States of America	Camera for Encoding Audio Signals
PP103US	7688369	12/264888	United States of America	Image Processing Method in a Camera Module for Converting Non-Linear Rgb Image Data to L*A*B* Image Data
BAL154US	7692803	12/242553	United States of America	Mobile Phone with Camera and Printer
ART135US	7701506	11/045442	United States of America	Digital Camera Having Functionally Interconnected Image Processing Elements
DOT16US	7703910	11/739071	United States of America	Print Roll Unit Incorporating Pinch Rollers
BAL30US	7705891	10/636224	United States of America	Correction of Distortioons in Digital Images
BAL86US	7714889	10/831234	United States of America	Digital Camera using Exposure Information for Image Processing
BAL09US	7724282	10/636285	United States of America	Method of Processing Digital Image to Correct for Flash Effects
BAL178US	7742696	12/542606	United States of America	Digital Camera Having Printhead and Magnetic Recorder
BAL146US	7760235	12/143806	United States of America	Image Manipulation Method for Camera
BAL144US	7773113	12/143821	United States of America	Card Based Image Manipulation Method for Camera
PP94US	7773124	11/872637	United States of America	Modular, Multimedia Pen Having a Camera Module and a Printer Module.
YU261US	7773125	12/143808	United States of America	VLIW Image Processor
BAL119US	7773245	11/209711	United States of America	Handheld Mobile Communications Device Incorporating a Pagewidth Printer Apparatus
PP97US	7773263	12/106331	United States of America	Multimedia Pen with Image Processing Module to Convert Captured Images for Printing By a Printer Module
BAL177US	7796166	12/540363	United States of America	Digital Camera System Incorporating VLIW Image Processor
BAL145US	7804521	12/142742	United States of America	Image Manipulation Camera
BAL148US	7821538	12/143813	United States of America	Camera Printer Operation Method with Media Pull Sensing
IR33US	7832817	11/033145	United States of America	Recyclable Printing Device with Tamper Protection
ZG250US	7837115	11/866340	United States of America	Camera Unit Configured to Distort Captured Images
XMB138US	7843588	11/604316	United States of America	A Mobile Communications Device Incorporating a Printing Mechanism
BAL134US	7847836	11/778561	United States of America	Image Processing Method using Sensed Eye Position
ART174US	7855730	12/138386	United States of America	Printed Photograph with High Capacity Encoded Audio

PPA v20110307

A/75137885.2

twr

XMB221US	7855735	12/568662	United States of America	Method of Operating Camera Timing Module
IR66US	7864212	12/268961	United States of America	Image Storing and Printing Device with Replaceable Casing
PP105US	7894100	12/273490	United States of America	Modular Pen-Like Device Having Camera, Effects and Printer Modules
ART166US	7900846	11/854435	United States of America	Infra-Red Data Structure Printed on a Photograph
ART190US	7907178	12/642831	United States of America	Camera System for with Velocity Sensor and De-Blurring Processor
BAL174US	7931200	12/457725	United States of America	Image Transformation Device
BAL181US	7940401	12/720658	United States of America	Mobile Phone with Printer and Media Feed Path Defined Through Mobile Phone
ZG325US	7942332	12/859239	United States of America	Camera Unit Incorporating Program Script Scanner
BAL147US	7944473	12/143823	United States of America	Card Based Image Manipulation Method with Card Skew Correction
BAL189US	7952745	12/850631	United States of America	Handheld Mobile Communications Device Incorporating Pagewidth Printer Apparatus
BAL52US	7957009	10/656791	United States of America	Image sensing and printing device
ART193US	7961249	12/758730	United States of America	Digital Camera Having Interconnected Image Processing Units
BAL162US	7965416	12/422892	United States of America	Method for Creating a Garment
BAL160US	7965425	12/277112	United States of America	Image Processing Apparatus Having Card Reader for Applying Effects Stored on a Card to a Stored Image
BAL190US	7970275	12/818138	United States of America	Digital Camera System for Simultaneous Printing and Magnetic Recording
ART185US	7982905	12/423002	United States of America	Digital Photograph Duplication Apparatus
PP101US	7986341	12/190532	United States of America	Digital Camera
PP111US	7986357	12/720652	United States of America	Image Processing Method for Converting Non-Linear Rgb Image Data to L*A*B* Image Data
BAL180US	7990571	12/571438	United States of America	Device for Reading Encoded Data Interspersed in a Printed Image
ZG314US	7997504	12/536398	United States of America	Surface Having Optically Readable Printed Tags
BAL182US	8013905	12/765861	United States of America	Method of Processing Digital Images in Camera
ZG313US	8025393	12/541121	United States of America	Print Media Cartridge with Ink Supply Manifold
ZF336US	8032381	12/573877	United States of America	Method for Playing Audio Signals Provided on a Photograph
PP113US	8045226	12/849812	United States of America	Multi-Module Device including a Printer Module

PPA v20110307

A/75137885.2

PP106US	8059171	12/324661	United States of America	Pen-Shaped Modular Camera Assembly Having an Effects Module
ZG292US	8068151	12/276370	United States of America	Digital Camera
PP109US	8081219	12/506195	United States of America	Camera Module with Device Independent Data Transfer
ZF341US	8082155	12/642829	United States of America	Camera with Printhead for Printing Images with Encoded Audio Data
ZG316US	8087838	12/558570	United States of America	Print Media Cartridge Incorporating Print Media and Ink Storage
PP108US	8094198	12/422955	United States of America	Interconnected Camera Module and Printer Module
XMB222US	8094199	12/605372	United States of America	Camera Module Outputting Images in Device Independent Color Space
BAL193US	8102568	13/108986	United States of America	System for Creating Garments using Camera and Encoded Card
BAL195US		13/101131	United States of America	Image Sensing and Printing Device
BAL191US		12/941714	United States of America	Image Processing Method using Sensed Eye Position
ART200US		13/104021	United States of America	Digital Camera Having Image Processor and Printer
ZG329US		13/225465	United States of America	Print Media Cartridge with Ink Supply Manifold
BAL143US		12/114813	United States of America	Camera System Having Serially Connected Camera Devices to Facilitate a Cascade of Imaging Effects
XMB220US		12/560386	United States of America	Recyclable Digital Camera
ART199US		13/021780	United States of America	Camera System for with Velocity Sensor and De-Blurring Processor
ZG326US		13/078995	United States of America	Camera Unit Incorporating Program Script Scanner
BAL194US		13/117099	United States of America	Digital Camera System for Simultaneous Printing and Magnetic Recording
XMB153US		11/737139	United States of America	An Image Capture and Processing Integrated Circuit for a Camera
ART204US		To be filed	United States of America	Multiprocessor Chip for Hand Held Imaging Device
ART205US		To be filed	United States of America	Quad-Core Camera Processor
ART206US		To be filed	United States of America	Hand Held Electronic Device with Camera and Multi-Core Processor
ART207US		To be filed	United States of America	Digital Camera with Quad Core Processor
ART208US		To be filed	United States of America	Portable Imaging Device with Multi-Core Processor
ART209US		To be filed	United States of America	Portable Device with Image Sensors and Multi-Core Processor

PPA v20110307

A/75137885.2

ART210US		To be filed	United States of America	Multi-Core Processor for Hand-Held, Image Capture Device
ART211US		To be filed	United States of America	Central Processor with Multiple Programmable Processor Units
ART212US		To be filed	United States of America	Camera with Linked Parallel Processor Cores
ART213US		To be filed	United States of America	Quad-Core Image Processor
ART214US		To be filed	United States of America	Hand Held Image Capture Device with Multi-Core Processor for Facial Detection
ART215US		To be filed	United States of America	Quad-Core Image Processor for Facial Detection
ART216US		To be filed	United States of America	Portable Imaging Device with Multi-Core Processor and Orientation Sensor
ART217US		To be filed	United States of America	Quad-Core Image Processor for Device with Image Display
ART218US		To be filed	United States of America	Hand Held Image Capture Device with Multi-Core Processor and Wireless Interface to Input Device
ART219US		To be filed	United States of America	Portable Device with Dual Image Sensors and Quad-Core Processor
ART220US		To be filed	United States of America	Multi-Core Processor for Portable Device with Dual Image Sensors
ART221US		To be filed	United States of America	Portable Device with Image Sensor and Quad-Core Processor for Multi-Point Focus Image Capture
ART222US		To be filed	United States of America	Multi-Core Processor for Portable Device with Image Sensor and Multi-Point Focus Image Capture
ART223US		To be filed	United States of America	Image Capture Device with Linked Multi-Core Processor and Orientation Sensor
ART224US		To be filed	United States of America	Portable Handheld Device with Multi-Core Microcoded Image Processor
ART225US		To be filed	United States of America	Portable Handheld Device with Multi-Core Microcoded Image Processor
ART226US		To be filed	United States of America	Multi-core Image Processor for Portable Device
ART227US		To be filed	United States of America	Portable Handheld Device with Multi-Core Image Processor
ART228US		To be filed	United States of America	Portable Handheld Device with Multi-Core Image Processor
ART229US		To be filed	United States of America	Portable Handheld Device with Multi-Core Image Processor
ART230US		To be filed	United States of America	Portable Handheld Device with Multi-Core Image Processor
ART231US		To be filed	United States of America	Portable Handheld Device with Multi-Core Image Processor
ART232US		To be filed	United States of America	Multi-Core Image Processor for Portable Device

PPA v20110307

A/75137885.2

PATENT
REEL: 029821 FRAME: 0850

ART233US		To be filed	United States of America	Handheld Digital Camera Device with Motion Sensing and Decoding Capabilities
ART234US		To be filed	United States of America	Handheld Imaging Device Incorporating Multi-Core Image Processor
ART235US		To be filed	United States of America	Handheld Imaging Device with Quad-Core Image Processor Integrating Image Sensor Interface
ART236US		To be filed	United States of America	Handheld Imaging Device with Multi-Core Image Processor Integrating Image Sensor Interface
ART237US		To be filed	United States of America	Handheld Imaging Device with VLIW Image Processor
ART238US		To be filed	United States of America	Handheld Imaging Device with Integrated Chip Incorporating on Shared Wafer Image Processor and Central Processor
ART239US		To be filed	United States of America	Handheld Imaging Device with System-On-Chip Microcontroller Incorporating on Shared Wafer Image Processor and Image Sensor
ART240US		To be filed	United States of America	Handheld Imaging Device with Image Processor Provided with Multiple Parallel Processing Units
ART241US		To be filed	United States of America	Handheld Imaging Device with Image Processor and Image Sensor Interface Provided on Shared Substrate
ART242US		To be filed	United States of America	Handheld Imaging Device with Multi-Core Image Processor Integrating Common Bus Interface and Dedicated Image Sensor Interface
ART243US		To be filed	United States of America	Handheld Electronic Device with Dual Image Sensors and Processor for Decoding Imaged Coding Pattern
ART244US		To be filed	United States of America	Camera System with Color Display and Processor for Reed-Solomon Decoding
ART245US		To be filed	United States of America	Camera System with Color Display and Processor for Reed-Solomon Decoding
ART246US		To be filed	United States of America	Camera Device with Color Display and Processor for Decoding Data Blocks Containing Predetermined Amount of Data
ART247US		To be filed	United States of America	Camera System Comprising Color Display and Processor for Decoding Data Blocks in Printed Coding Pattern
ART248US		To be filed	United States of America	Handheld Digital Camera Device with Orientation Sensing and Decoding Capabilities
ART249US		To be filed	United States of America	Portable Hand-Held Device having Quad Core Image Processor
ART250US		To be filed	United States of America	Hand-Held Quad Core Processing Apparatus
ART251US		To be filed	United States of America	Portable Hand-Held Device having Networked Quad Core Processor

PPA v20110307

A/75137885.2

PATENT
REEL: 029821 FRAME: 0851

ART252US		To be filed	United States of America	Portable Hand-Held Device having Stereoscopic Image Camera
ART253US		To be filed	United States of America	Portable Hand-Held Device for Displaying Oriented Images
ART254US		To be filed	United States of America	Portable Hand-Held Device having Power Management
ART255US		To be filed	United States of America	Portable Hand-Held Device for Deblurring Sensed Images
ART256US		To be filed	United States of America	Portable Hand-Held Device for Manipulating Images
ART82US	6924835	09/693134	United States of America	Method and Apparatus for Fault Tolerant Data Storage on Photographs
PP112US		12/850627	United States of America	Modular Camera and Printer
IR-AU	757062	83237/98	Australia	A Replenishable One Time Use Camera System
PP09-AU	761442	47246/00	Australia	Image Processor for Camera Module
PP17-AU	761445	47254/00	Australia	Method and Apparatus for Image Conversion
PP11-AU	761545	47248/00	Australia	Effects Module for Compact Printer System
PP12-AU	763037	47249/00	Australia	Effects Processor for Effects Module
ART-AU	763277	83235/98	Australia	A Camera with Internal Printing System
PP10-AU	763932	47247/00	Australia	Memory Module for Compact Printer System
PP13-AU	764434	47251/00	Australia	Timer Module for Compact Printer System
PCP04-AU	765341	73937/00	Australia	Method and Apparatus for Rotating Bayer Image
PCP01-AU	765453	73936/00	Australia	Method and Apparatus for Producing Print from a Bayer Image
PCP03-AU	766175	200073935	Australia	Method and Apparatus for Up-Interpolating a Bayer Image
AP01/09-AU	768978	15337/00	Australia	Digital Camera Device with Internal Printer
PP08-AU	770895	47245/00	Australia	Camera Module for Compact Printer System
PCP02-AU	778006	77619/00	Australia	Method and Apparatus for Sharpening an Image
IR25-AU	2000273955	2000273955	Australia	A Camera Exchange System and Method
ART80-AU	2001295290	2001295290	Australia	Method and Apparatus for Fault Tolerant Data Storage on Photographs
ART84-AU	2001295293	2001295293	Australia	Printed Card Based User Interface System
ART83-AU	2001295294	2001295294	Australia	Reproducing Sound Encoded in Infrared Ink on Photographs
ART85-AU	2002210248	2002210248	Australia	Digital Photograph Duplication System with Image Quality Restoration
ART82-AU	2002210249	2002210249	Australia	Fault Tolerant Data Storage on Photographs

PPA v20110307

A/75137885.2

ART81-AU	2002210250	2002210250	Australia	Fault Tolerant Data Storage on Photographs
IR DIV1-AU	2002301824	2002301824	Australia	Camera System with Replaceable Print Media and Power Supply Unit
IR DIV2-AU	2002301825	2002301825	Australia	Print Head Ink Supply Unit
IR DIV3-AU	2002301827	2002301827	Australia	Camera System using Single Chip
IR DIV4-AU	2002301829	2002301829	Australia	Camera System using Authenticity Checking
IR DIV5-AU	2002301831	2002301831	Australia	A Replenishable One Time Use Camera System with Effects Selection
IR DIV6-AU	2002301832	2002301832	Australia	Camera System with Inbuilt Printer Having Variable Delay Printing
IR DIV7-AU	2002301833	2002301833	Australia	Camera System
IR DIV8-AU	2002301834	2002301834	Australia	Method of Colour Correction in a Camera System
IR DIV9-AU	2002301835	2002301835	Australia	Camera System with Motor Driven Cutting Mechanism
IR DIV11-AU	2002301836	2002301836	Australia	Camera System with Guillotine Cutter Mechanism
IR DIV12-AU	2002301837	2002301837	Australia	Print Head Recapping Mechanism for Camera Printer
IR DIV10-AU	2002301938	2002301938	Australia	Printing Mechanism for a Camera System
YU131-AU	2002317629	2002317629	Australia	Image Sensing Apparatus Including a Microcontroller
BAL20-AU	2002325078	2002325078	Australia	Photographic Prints Having Magnetically Recordable Media
PP42-AU	2003261515	2003261515	Australia	A Memory Module Including an Image Processor and Multiple Connectors for Interconnection with Other Modules Utilizing Complementary Connectors
PP43-AU	2003261516	2003261516	Australia	A Memory Module and Printer Module Combination for Interconnection with Other Modules Utilizing Complementary Connectors
PP44-AU	2003261522	2003261522	Australia	A Memory Module and Image Source Module for Interconnection with Other Modules Utilizing Complementary Connectors
PP13 D1-AU	2003262319	2003262319	Australia	Timer Module for Compacting Printer System
PCP01 D1-AU	2003262337	2003262337	Australia	Method and Apparatus for Producing Print from a Bayer Image
PCP03 D1-AU	2003262338	2003262338	Australia	Method and Apparatus for Up-Interpolating a Bayer Image

PPA v20110307

A/75137885.2

cur

PCP02 D1-AU	2003270972	2003270972	Australia	Method and Apparatus for Sharpening an Image
AP01/09D1-AU	2004200514	2004200514	Australia	A Cartridge Including Adhesive Coated Print Media and an Ink Supply
PP52-AU	2004202410	2004202410	Australia	Camera Module with Flexible Circuit Board for Compact Printer System
ART114-AU	2004202957	2004202957	Australia	Data Storage on Photographs
ART115-AU	2004203185	2004203185	Australia	Method and Apparatus for Fault Tolerant Program and Data Storage on Photographs
IR28-AU	2004203194	2004203194	Australia	Method of Power Storage for Camera System
IR29-AU	2004203503	2004203503	Australia	A Multi Mode Replenishable One Time Use Camera System
IR30-AU	2004203658	2004203658	Australia	A Replenishable One Time Use Camera System with Recapping Mechanism
IR31-AU	2004214593	2004214593	Australia	A Pagewidth Printhead Assembly for a Camera System
IR32-AU	2004222733	2004222733	Australia	A Hand Held Camera System for Storing and Printing Images
ART129-AU	2004226964	2004226964	Australia	User Interface System Including Redundantly Encoded Image
PP61-AU	2005200076	2005200076	Australia	Modular Camera System Having Interconnected Memory, Camera and Image Effects Modules
PP62-AU	2005200081	2005200081	Australia	Modular Printing System Having Interconnected Memory, Printer and Media Dispensing Modules
PP63-AU	2005200086	2005200086	Australia	Method of Manufacturing Memory Module Having Image Processor and Multiple Module Connectors
BAL40-AU	2005200199	2005200199	Australia	Digital Duplication of Images using Encoded Data
IR36-AU	2005200470	2005200470	Australia	Camera Having Coordinated Cutting and Capping Mechanisms
IR35-AU	2005200483	2005200483	Australia	Printer Cartridge Having Printhead Ink Supply
IR34-AU	2005200484	2005200484	Australia	Camera Having Image Sensing and Processing Device with Authentication Means
IR37-AU	2005200485	2005200485	Australia	Camera Having Image Sensor Affixed to Printhead Moulding
IR38-AU	2005200488	2005200488	Australia	Camera Which Senses an Image Twice to Provide Colour Correction
PP70-AU	2005201834	2005201834	Australia	Memory Module for a Modular Camera System
PP69-AU	2005201835	2005201835	Australia	Method of Manufacturing Memory Module for a Compact Modular Camera System
PP71-AU	2005201837	2005201837	Australia	Memory Module for a Modular Printing System

PPA v20110307

A/75137885.2

WWR

BAL25-AU	2005202426	2005202426	Australia	Method and Apparatus for Fault Tolerant Storage of Photographs
PP73-AU	2005202439	2005202439	Australia	Timer Module for Digital Camera
YU203-AU	2005202921	2005202921	Australia	Method of Fabricating an Image Processor
IR53-AU	2005202931	2005202931	Australia	Camera Including Printhead and Guillotine Mechanism
IR54-AU	2005202933	2005202933	Australia	Camera with Integral Image Sensor and Printer
IR56-AU	2006203373	2006203373	Australia	A Hand-Held Camera with Re-Printing Capacity
IR59-AU	2006203375	2006203375	Australia	Hand-Held Camera Including Printing and Printhead Capping Mechanisms
IR60-AU	2006203377	2006203377	Australia	Hand-Held Camera with Ink Supply Cartridge and Printhead Assembly
IR57-AU	2006203385	2006203385	Australia	Hand-Held Camera with Ink Cartridge Carrying Image Capture Integrated Circuitry
IR58-AU	2006203402	2006203402	Australia	Hand-Held Camera with Built-In Ink Printing Components
IR64-AU	2006252202	2006252202	Australia	Hand-Held Camera Incorporating a Printer for Printing on Print Media to Be Fed from the Camera
IR63-AU	2006252265	2006252265	Australia	Hand-Held Camera Including a Printer and Platen Unit Assembly
IR62-AU	2006252268	2006252268	Australia	Hand-Held Camera Incorporating a Printer and Image Capture Circuitry
PP85-AU	2006252323	2006252323	Australia	A Hand Held Modular Camera Assembly with Effects and Printer Modules
PP86-AU	2006252324	2006252324	Australia	A Hand Held Modular Camera with Printer and Dispenser Modules
DPF001-AU	2006348291	2006348291	Australia	Digital Photo Frame with Integral Printer
PP09-CA		2371531	Canada	Image Processor for Camera Module
ART161-CA		2596272	Canada	Method and Apparatus for Information Storage in a Portable Print Roll
ART162-CA		2596584	Canada	Camera System with Computer Language Interpreter
AP01/09-CA		2347168	Canada	Digital Camera Device with Internal Printer
ART159-CA		2595719	Canada	Image Transformation Means Including User Interface
IR-CA	2296385	2296385	Canada	A Replenishable One Time Use Camera System
ART-CA	2296439	2296439	Canada	A Camera with Internal Printing System
PP11-CA	2371532	2371532	Canada	Effects Module for Compact Printer System

PPA v201 10307

A/75137885.2

PP12-CA	2371533	2371533	Canada	Effects Processor for Effects Module
PP17-CA	2371536	2371536	Canada	Method and Apparatus of Image Conversion
PP10-CA	2373190	2373190	Canada	Memory Module for Compact Printer System
PP08-CA	2374819	2374819	Canada	Camera Module for Compact Printer System
PCP03-CA	2384479	2384479	Canada	Method and Apparatus for Up-Interpolating a Bayer Image
PCP02-CA	2384485	2384485	Canada	Method and Apparatus for Sharpening an Image
PCP01-CA	2384541	2384541	Canada	Method and Aparatus for Producing Print from a Bayer Image
PCP04-CA	2384543	2384543	Canada	Method and Apparatus for Rotating Bayer Images
IR DIVI-CA	2399470	2399470	Canada	A Replenishable One Time Use Camera System
IR39-CA	2515282	2515282	Canada	Integrated Camera System Including Image Sensor, Image Processing and Printer Drive Circuits
ART160-CA	2595592	2595592	Canada	Print Media Roll and Ink Replaceable Cartridge
ART163-CA	2596451	2596451	Canada	Digital Camera System Containing Vliw Vector Processor
DPF001-CA		2661933	Canada	Digital Photo Frame with Integral Printer
ART128-CN	2005100720 35.7	20051007203 5.7	China	System for Playing Audio and Method of Decoding Audio Signal
PCP01-CN	ZL0081436 3.3	00814363.3	China	Method and System for Producing Print from a Bayer Image
IR25-CN	ZL0081980 6.3	00819806.3	China	A Camera Exchange System and Method
ART80-CN	ZL0181774 5.X	01817745.X	China	Method and Apparatus for Fault Tolerant Data Storage on Photographs
ART81-CN	ZL0181774 7.6	01817747.6	China	Fault Tolerant Data Storage on Photographs
ART82-CN	ZL0181774 8.4	01817748.4	China	Fault Tolerant Data Storage on Photographs
ART83-CN	ZL0181774 9.2	01817749.2	China	Reproducing Sound Encoded in Infrared Ink on Photographs
ART84-CN	ZL0181775 0.6	01817750.6	China	Printed Card Based User Interface System
ART85-CN	ZL0181775 1.4	01817751.4	China	Digital Photograph Duplication System with Image Quality Restoration
AP48-CN	ZL0380377 6.9	03803776.9	China	Camera with Swipe Printer

PPA v20110307

A/75137885.2

Amr

AP01/09DIV I-CN	ZL2004100 47211.7	20041004721 1.7	China	A Cartridge Including Adhesive Coated Print Media and an Ink Supply
AP01/09-CN	ZL9981308 3.4	99813083.4	China	Digital Camera Device with Internal Printer
AP01/09-EP		99957715.8	Europe	Digital Camera Device with Internal Printer
IR-EP	997033	98933351.3	Europe	A Replenishable One Time Use Camera System
ART-EP	1021794	98933349.7	Europe	A Camera with Internal Printing System
PP08-EP	1210646	00929022.2	Europe	Camera Module for Compact Printer System
PP12-EP	1212728	00929026.3	Europe	Effects Processor for Effects Module
PP10-EP	1218196	00929024.8	Europe	Memory Module for Compact Printer System
PP11-EP	1221137	00929025.5	Europe	Effects Module for Compact Printer System
PCP03-EP	1221138	00962074.1	Europe	Method and Apparatus for Up-Interpolating a Bayer Image
PCP01-EP	1221139	00962075.8	Europe	Method and Apparatus for Producing Print from a Bayer Image
PCP02-EP	1221140	00967420.1	Europe	Method and Apparatus for Sharpening an Image
PCP04-EP	1266357	00962076.6	Europe	Method and Apparatus for Rotating Bayer Images
ART80-EP	1333979	01975879.6	Europe	Method and Apparatus for Fault Tolerant Data Storage on Photographs
ART82-EP	1410310	01977985.9	Europe	Fault Tolerant Data Storage on Photographs
ART-FR	1021794	98933349.7	France	A Camera with Internal Printing System
PP11-FR	1221137	00929025.5	France	Effects Module Compact Printer System
ART-DE	1021794	98933349.7	Germany	A Camera with Internal Printing System
PP11-DE	1221137	00929025.5	Germany	Effects Module Compact Printer System
AP48-IN	202819	1736/CHENP/ /2004	India	A Digital Camera
YU131-IN	202924	#N/A	India	Image Sensing Apparatus Including a Microcontroller
ART80-IN	211589	549/CHENP/ 2003	India	A Method of Printing Digital Data and an Apparatus for Printing in Infrared Ink Encoded Fault Tolerant Digital Data
ART81-IN	211590	550/CHENP/ 2003	India	Method and Apparatus for Fault Tolerant Data Storage on Photographs
ART82-IN	211591	551/CHENP/ 2003	India	A Method and an Apparatus for Printing Digital Data Simultaneously with a Photographic Images.
BAL20-IN	212249	2881/CHENP/ /2004	India	A Camera System for Recording Images

PPA v20110307

A/75137885.2

PATENT
REEL: 029821 FRAME: 0857

ART83-IN	214293	552/CHENP/ 2003	India	A System for Playing Pre-Recorded Audio Encoded in a Fault Tolerant Manner
AP01/09-IN	214597	IN/PCT/2001/ 00381/DEL	India	A Sticker Printing Camera Device
AP02-IN	220933	1074/CHENP/ 2005	India	Cartridge for a Printing Device
ART84-IN	228913	553/CHENP/ 2003	India	Printed Card Based User Interface System
ART85-IN	228914	554/CHENP/ 2003	India	Digital Photograph Duplication System with Image Quality Restoration
IR25-IN	245625	213/CHENP/ 2003	India	A Camera Exchange System and Method of Exchanging Cameras
AP01/09-ID	ID 0 016 760	W002001010 34	Indonesia	Digital Camera Device with Internal Printer
ART-IE	1021794	98933349.7	Ireland	A Camera with Internal Printing System
PP12-IE	1212728	00929026.3	Ireland	Effects Processor for Effects Module
PP10-IE	1218196	00929024.8	Ireland	Memory Module for Compact Printer System
PP11-IE	1221137	00929025.5	Ireland	Effects Module Compact Printer System
AP01/09-IL	142715	142715	Israel	Digital Camera Device with Internal Printer
IR25-IL	154341	154341	Israel	A Camera Exchange System and Method
ART83-IL	155469	155469	Israel	Reproducing Sound Encoded in Infrared Ink on Photographs
ART84-IL	155470	155470	Israel	Printed Card Based User Interface System
ART85-IL	155471	155471	Israel	Digital Photograph Duplication System with Image Quality Restoration
ART80-IL	155491	155491	Israel	Method and Aparatus for Fault Tolerant Data Storage on Photographs
ART81-IL	155492	155492	Israel	Method and Aparatus for Tolerant Data Storage on Photographs
ART82-IL	155493	155493	Israel	Camera System Method and Aparatus for Printing Processed Image Data on Photographs
YU131-IL	160174	160174	Israel	Image Sensing Apparatus Including a Microcontroller
AP01/09DIV I-IL	162277	162277	Israel	Cartridge Including Adhesive Coated Print Media and an Ink Supply
AP48-IL	163492	163492	Israel	Camera with Swipe Printer
ART84-JP	3718197	2002-538359	Japan	Printed Card Based User Interface System

PPA v20110307

A/75137885.2



ART85-JP	3917517	2002-538358	Japan	Digital Photograph Duplication System with Image Quality Restoration
ART80-JP	3937328	2002-537547	Japan	Method and Apparatus for Fault Tolerant Data Storage on Photographs
AP48-JP	4118816	2003-568879	Japan	Camera with Swipe Printer
ART177-JP	4309954	2008-209323	Japan	Camera Device and Method with Orientation Detection
ART179-JP	4309955	2008-209325	Japan	Method of Utilising Eye Detection for Image Processing in Digital Camera
PCP03-JP	4339543	2001-524054	Japan	Method and Apparatus for Up-Interpolating a Bayer Image
IR25-JP	4409830	2002-527856	Japan	A Camera Exchange System and Method
IR-JP	4447163	2000-503647	Japan	A Replenishable One Time Use Camera System
PCP04-JP	4576084	2001-524057	Japan	Method and System for Rotating Bayer Images
AP01/09-JP	4673976	2000-581504	Japan	Hand Held Sticker Printing Digital Camera Device
AP01/09-MX		PA/A/2001/004691	Mexico	Digital Camera Device with Internal Printer
PCP01-MX		PA/A/2002/002881	Mexico	Method and Apparatus for Producing Print from a Bayer Image
ART80-KR	505267	2003-7005558	Republic of Korea	Method and Apparatus for Fault Tolerant Data Storage on Photographs
ART82-KR	505269	2003-7005560	Republic of Korea	Fault Tolerant Data Storage on Photographs
ART81-KR	507032	2003-7005559	Republic of Korea	Fault Tolerant Data Storage on Photographs
ART83-KR	584029	2003-7005528	Republic of Korea	Reproducing Sound Encoded in Infrared Ink on Photographs
ART84-KR	591955	2003-7005529	Republic of Korea	Printed Card Based User Interface System
ART85-KR	591956	2003-7005534	Republic of Korea	Digital Photograph Duplication System with Image Quality Restoration
BAL20-KR	646679	2004-7018876	Republic of Korea	Photographic Prints Having Magnetically Recordable Media
AP48-KR	693913	10-2004-7012/541	Republic of Korea	Camera with Swipe Printer
IR25-KR	821000	2003-7002752	Republic of Korea	A Camera Exchange System and Method

PPA v20110307

A/75137885.2

cur

PATENT
REEL: 029821 FRAME: 0859

PCP01-KR	832181	10-2002-7003534	Republic of Korea	Method and Apparatus for Producing Print from a Bayer Image
AP01/09-KR	10-0698369	10-2001-7005869	Republic of Korea	Digital Camera Device with Internal Printer
AP01/09D1-KR	10-0699251	2004-7016326	Republic of Korea	A Cartridge Including Adhesive Coated Print Media and an Ink Supply
AP01/09-RU	2249240	2001116120	Russian Federation	Digital Camera Device with Internal Printer
AP01/09D1-RU	2344042	2004125495	Russian Federation	Cartridge for a Sticker Printing Digital Camera Device
AP01/09D3-RU	2344451	2004125493	Russian Federation	Camera with Detachable Printer
IR-SG	70495	200000326-9	Singapore	A Replenishable One Time Use Camera System
ART-SG	70496	200000327-7	Singapore	A Camera with Internal Printing System
AP01/09-SG	80271	200102141-9	Singapore	Digital Camera Device with Internal Printer
PP08-SG	85007	200107208-1	Singapore	Camera Module for Compact Printer System
PP09-SG	85008	200107209-9	Singapore	Image Processor for Camera Module
PP10-SG	85009	200107210-7	Singapore	Memory Module for Compact Printer System
PP11-SG	85040	200107254-5	Singapore	Effects Module for Compact Printer System
PP12-SG	85041	200107255-2	Singapore	Effects Processor for Effects Module
PP13-SG	85042	200107256-0	Singapore	Timer Module for Compact Printer System
PP17-SG	85045	200107259-4	Singapore	Method and Apparatus for Image Conversion
PCP01-SG	87562	200201377-9	Singapore	Method and System for Producing Print from a Bayer Image
PCP04-SG	87563	200201378-7	Singapore	Method and System for Rotating Bayer Images
PCP03-SG	87581	200201403-3	Singapore	Method and System for Up-Interpolating a Bayer Image
PCP02-SG	87582	200201404-1	Singapore	Method and Apparatus for Sharpening an Image
IR25-SG	95242	200300988-3	Singapore	A Camera Exchange System and Method
ART80-SG	96135	200302169-8	Singapore	Method and Apparatus for Fault Tolerant Data Storage on Photographs
ART84-SG	96367	200302214-2	Singapore	Printed Card Based User Interface System
ART85-SG	96720	200302220-9	Singapore	Digital Photograph Duplication System with Image Quality Restoration
YU131-SG	102816	200400635-9	Singapore	Image Sensing Apparatus Including a Microcontroller

PPA v20110307

A/75137885.2



PATENT
REEL: 029821 FRAME: 0860

AP48-SG	106241	200404453-3	Singapore	Camera with Swipe Printer
BAL20-SG	107946	200406621-3	Singapore	Photographic Prints Having Magnetically Recordable Media
IR05-SG	109966	200202413-1	Singapore	Integrated Camera Circuit Including Image Sensor, Image Processing and Printer Drive Circuits
IR06-SG	109967	200202414-9	Singapore	Reusable Camera System Which Authenticates a Refill Station
IR12-SG	109968	200202416-4	Singapore	Camera Picture Printing User Interface and Method
IR27-SG	109969	200202426-3	Singapore	Arrangement for Indicating Usage of a Recyclable Digital Camera
ART66-SG	109972	200202656-5	Singapore	System for High Volume Printing of Optical Storage Cards using Ink Dots
ART61-SG	112833	200202653-2	Singapore	Re-Writable Optical Card Reader/Writer Unit using Ink Dots for Data Storage
IR25 DIV1-SG	113416	200202424-8	Singapore	A Camera Exchange System and Method
IR16-SG	114539	200202418-0	Singapore	A Power Drive System for a Print on Demand Digital Camera System
IR24-SG	114540	200202423-0	Singapore	Low Cost, Disposable Camera Including Print Media Carrying Indication of Postage Paid
ART15-SG	114543	200202604-5	Singapore	Pseudo-3D Stereoscopic Images & Output Device
ART65-SG	114544	200202655-7	Singapore	Digital Photograph Storage using Ink Jet Printing
IR10-SG	115466	200202415-6	Singapore	Recycling of Multi-Use Digital Instant Printing Camera Systems
IR17-SG	115467	200202419-8	Singapore	Paper Guide System in a Print on Demand Digital Camera System
IR26-SG	115468	200202425-5	Singapore	Arrangement of a Power Supply in a Recyclable Digital Camera
ART04-SG	115472	200202596-3	Singapore	Camera System Including Digital Audio Message Recording on Photographs
AP02-SG	115535	200301954-4	Singapore	Cartridge for a Sticker Printing Digital Camera Device
AP04-SG	116483	200301957-7	Singapore	A Print on Demand Camera System Incorporating a Detachable Printing Unit
ART27-SG	120061	200202616-9	Singapore	Brush Stroke Palette Feedback Method for Automatic Digital "Painting" Effects
ART30-SG	120062	200202619-3	Singapore	Utilising of Brush Stroking Techniques in the Generation of Computer Images
ART68-SG	120063	200202657-3	Singapore	Encoded Data Card Reading System

PPA v20110307

A/75137885.2

IR23-SG	120866	200202422-2	Singapore	Arrangement of Ink in Low Cost Disposable Camera
ART57-SG	120867	200202650-8	Singapore	Binocular Glasses with an Integral Printer Device
ART48-SG	121714	200202636-7	Singapore	Production of Artistic Effects in Images Utilising Retricted Gamut Spaces
PCP08-SG	124275	200401429-6	Singapore	Method and Apparatus for Sampling Bayer Images
IR20-SG	125897	200202420-6	Singapore	Portable Printer with an Ink Jet Printer and Cutting Blade
ART22-SG	125898	200202613-6	Singapore	Prints Remaining Indicator for Camera with Variable Length Print Capability
BAL25-SG	125986	200501709-0	Singapore	Method and Apparatus for Fault Tolerant Storage of Photographs
ART129-SG	125988	200501712-4	Singapore	User Interface System Including Redundantly Encoded Image
IR04-SG	126696	200202412-3	Singapore	Printhead Ink Supply System
ART20-SG	126698	200202606-0	Singapore	Authentication System for Camera Print Rolls
ART29-SG	126699	200202618-5	Singapore	Dot Center Tracking in Optical Storage Systems using Ink Dots
PCP07-SG	126753	200401428-8	Singapore	Method and Apparatus for Changing the Resolution of a Bayer Image
ART07-SG	127677	200202599-7	Singapore	Print Roll Having an Ink Return Tray
ART16-SG	127678	200202605-2	Singapore	Print Media Roll and Ink Replaceable Cartridge
ART59-SG	127679	200202651-6	Singapore	Data Addition to Optical Storage Cards using Ink Dots
ART38-SG	128427	200202634-2	Singapore	Miniature Color Printer using Ink and Paper Cartridges
ART26-SG	129221	200202615-1	Singapore	Digital Image Region Detection Method and Apparatus
IR01-SG	129999	200202411-5	Singapore	Low Cost Disposable Digital Instant Printing Camera System
IR22-SG	130932	200202421-4	Singapore	Arrangement of Ink in a Low Cost Camera System
ART13-SG	131740	200202603-7	Singapore	De-Curling Print Media in a Digital Instant Printing Camera
ART33-SG	131741	200202633-4	Singapore	High Quality Image Copier with Exact Reproduction of Digitally Halftoned Images
ART43-SG	135910	200202635-9	Singapore	Target Detection for Dot Region Alignment in Optical Storage Systems using Ink Dots
ART50-SG	135911	200202649-0	Singapore	Utilisation of Image Tiling Effects in Photographs
ART63-SG	136792	200202654-0	Singapore	Artcard for the Administration of the Operation of a Camera Device

PPA v20110307

A/75137885.2

PATENT
REEL: 029821 FRAME: 0862

ART60-SG	138434	200202652-4	Singapore	Vending Machine for the Production of Customised Photos and Artcards
BAL40-SG	138460	200501720-7	Singapore	Digital Duplication of Images using Encoded Data
IR14-SG	142113	200202417-2	Singapore	Method of Color Correction in a Digital Camera System
PCP06-SG	147279	200401430-4	Singapore	Method and Apparatus for Converting an Image from One Color Space to Another Color Space with a Non Linear Response
IR50-SG	155031	200501471-7	Singapore	System and Method for Refurbishing Digital Cameras
AP01/09-ZA	2001/3303	2001/3303	South Africa	Digital Camera Device with Internal Printer
PCP01-ZA	2002/2872	2002/2872	South Africa	Method and Apparatus for Producing Print from a Bayer Image
IR25-ZA	2003/1056	2003/1056	South Africa	A Camera Exchange System and Method
ART84-ZA	2003/3171	2003/3171	South Africa	Printed Card Based User Interface System
ART82-ZA	2003/3172	2003/3172	South Africa	Fault Tolerant Data Storage on Photographs
ART83-ZA	2003/3173	2003/3173	South Africa	Reproducing Sound Encoded in Infrared Ink on Photographs
ART85-ZA	2003/3179	2003/3179	South Africa	Digital Photograph Duplication System with Image Quality Restoration
ART81-ZA	2003/3181	2003/3181	South Africa	Method and Apparatus for Fault Tolerant Storage on Photographs
ART80-ZA	2003/3182	2003/3182	South Africa	Method and Apparatus for Fault Tolerant Data Storage on Photographs
YU131-ZA	2004/0864	2004/0864	South Africa	Image Sensing Apparatus Including a Microcontroller
AP48-ZA	2004/6418	2004/6418	South Africa	Camera with Swipe Printer
BAL20-ZA	2004/8137	2004/8137	South Africa	Photographic Prints Having Magnetically Recordable Media
YU203-ZA	2005/0543	2005/0543	South Africa	Method of Fabricating an Image Processor
DPF001-TW		96101947	Taiwan	Digital Photo Frame with Integral Printer
IR-GB	997033	98933351.3	United Kingdom	A Replenishable One Time Use Camera System
ART-GB	1021794	98933349.7	United Kingdom	A Camera with Internal Printing System
PP08-GB	1210646	00929022.2	United Kingdom	Camera Module for Compact Printer System
PP12-GB	1212728	00929026.3	United Kingdom	Effects Processor for Effects Module
PP10-GB	1218196	00929024.8	United Kingdom	Memory Module for Compact Printer System
PP11-GB	1221137	00929025.5	United Kingdom	Effects Module Compact Printer System

PPA v20110307

A/75137885.2

unl