

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5169887

|                                   |                                                        |                       |
|-----------------------------------|--------------------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>           | NEW ASSIGNMENT                                         |                       |
| <b>NATURE OF CONVEYANCE:</b>      | RELEASE OF SECURITY INTEREST AT REEL/FRAME 028541/0559 |                       |
| <b>CONVEYING PARTY DATA</b>       |                                                        |                       |
|                                   | <b>Name</b>                                            | <b>Execution Date</b> |
|                                   | SILICON VALLEY BANK                                    | 09/21/2018            |
| <b>RECEIVING PARTY DATA</b>       |                                                        |                       |
| <b>Name:</b>                      | CROSS MATCH, INC.                                      |                       |
| <b>Street Address:</b>            | 3950 RCA BOULEVARD, SUITE 5001                         |                       |
| <b>City:</b>                      | PALM BEACH GARDENS                                     |                       |
| <b>State/Country:</b>             | FLORIDA                                                |                       |
| <b>Postal Code:</b>               | 33410                                                  |                       |
| <b>Name:</b>                      | CROSS MATCH HOLDINGS, INC.                             |                       |
| <b>Street Address:</b>            | 3950 RCA BOULEVARD, SUITE 5001                         |                       |
| <b>City:</b>                      | PALM BEACH GARDENS                                     |                       |
| <b>State/Country:</b>             | FLORIDA                                                |                       |
| <b>Postal Code:</b>               | 33410                                                  |                       |
| <b>Name:</b>                      | CROSS MATCH TECHNOLOGIES, INC.                         |                       |
| <b>Street Address:</b>            | 3950 RCA BOULEVARD, SUITE 5001                         |                       |
| <b>City:</b>                      | PALM BEACH GARDENS                                     |                       |
| <b>State/Country:</b>             | FLORIDA                                                |                       |
| <b>Postal Code:</b>               | 33410                                                  |                       |
| <b>Name:</b>                      | CROSS MATCH TECHNOLOGIES GMBH                          |                       |
| <b>Street Address:</b>            | UNSTRUTWEG 4                                           |                       |
| <b>City:</b>                      | 07743 JENA                                             |                       |
| <b>State/Country:</b>             | GERMANY                                                |                       |
| <b>PROPERTY NUMBERS Total: 66</b> |                                                        |                       |
| <b>Property Type</b>              | <b>Number</b>                                          |                       |
| <b>Application Number:</b>        | 08839934                                               |                       |
| <b>Application Number:</b>        | 08854157                                               |                       |
| <b>Application Number:</b>        | 09067792                                               |                       |
| <b>Application Number:</b>        | 09080911                                               |                       |
| <b>Application Number:</b>        | 09321533                                               |                       |
| <b>Application Number:</b>        | 09377597                                               |                       |

PATENT

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 09425888 |
| Application Number: | 09425947 |
| Application Number: | 09430296 |
| Application Number: | 09461344 |
| Application Number: | 09582977 |
| Application Number: | 09599255 |
| Application Number: | 09759344 |
| Application Number: | 09762351 |
| Application Number: | 09821044 |
| Application Number: | 10020498 |
| Application Number: | 10047983 |
| Application Number: | 10050046 |
| Application Number: | 10125646 |
| Application Number: | 10125650 |
| Application Number: | 10235665 |
| Application Number: | 10247285 |
| Application Number: | 10319178 |
| Application Number: | 10321548 |
| Application Number: | 10345366 |
| Application Number: | 10345374 |
| Application Number: | 10345420 |
| Application Number: | 10375088 |
| Application Number: | 10409156 |
| Application Number: | 10419093 |
| Application Number: | 10462592 |
| Application Number: | 10631890 |
| Application Number: | 10631899 |
| Application Number: | 10640689 |
| Application Number: | 10653141 |
| Application Number: | 10690641 |
| Application Number: | 10725537 |
| Application Number: | 10725541 |
| Application Number: | 10725543 |
| Application Number: | 10960747 |
| Application Number: | 10973898 |
| Application Number: | 10977946 |
| Application Number: | 11008819 |
| Application Number: | 11103426 |

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11193324 |
| Application Number: | 11199222 |
| Application Number: | 11209037 |
| Application Number: | 11209038 |
| Application Number: | 11245470 |
| Application Number: | 11246525 |
| Application Number: | 11320472 |
| Application Number: | 11341081 |
| Application Number: | 11356036 |
| Application Number: | 11378238 |
| Application Number: | 11450893 |
| Application Number: | 12290564 |
| Application Number: | 12590153 |
| Application Number: | 12824765 |
| Application Number: | 12927352 |
| Application Number: | 29164704 |
| Application Number: | 29164705 |
| Application Number: | 29219777 |
| Application Number: | 61486766 |
| Application Number: | 61574264 |
| Application Number: | 61558497 |
| Application Number: | 61559071 |

#### CORRESPONDENCE DATA

**Fax Number:** (212)446-4900

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** susan.zablocki@kirkland.com

**Correspondent Name:** SUSAN ZABLOCKI

**Address Line 1:** KIRKLAND & ELLIS LLP

**Address Line 2:** 601 LEXINGTON AVENUE

**Address Line 4:** NEW YORK, NEW YORK 10022

|                                |                  |
|--------------------------------|------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | 15496-4          |
| <b>NAME OF SUBMITTER:</b>      | SUSAN ZABLOCKI   |
| <b>SIGNATURE:</b>              | /susan zablocki/ |
| <b>DATE SIGNED:</b>            | 10/02/2018       |

#### Total Attachments: 18

source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page1.tif

source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page2.tif

source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page3.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page4.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page5.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page6.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page7.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page8.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page9.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page10.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page11.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page12.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page13.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page14.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page15.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page16.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page17.tif  
source=Termination and Release of Security Interest in Patents (Cross Match) (002)#page18.tif

## TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS

This **TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS** (this “*Termination and Release*”) is made as of September 21, 2018 by SILICON VALLEY BANK, as Administrative Agent (the “*Assignee*”), in favor of **CROSS MATCH, INC.**, a Delaware corporation (“*Holdings*”), **CROSS MATCH HOLDINGS, INC.**, a Delaware corporation (“*Parent*”), **CROSS MATCH TECHNOLOGIES, INC.**, a Delaware corporation (“*Borrower*”), **DIGITALPERSONA, INC.**, a California corporation (“*DigitalPersona*”) and **CROSS MATCH TECHNOLOGIES GMBH**, a German limited liability company (*Gesellschaft mit beschränkter Haftung*) (“*German Subsidiary*”); and together with Holdings, Parent, Borrower and DigitalPersona are, individually, each a “*Grantor*”, and collectively, the “*Grantors*”).

**WHEREAS**, Grantors and Assignee entered into (i) that certain Guarantee and Collateral Agreement, dated as of July 13, 2012 (as amended, amended and restated, supplemented, restructured or otherwise modified, renewed or replaced from time to time, the “*Guarantee and Collateral Agreement*”), and (ii) that certain Credit Agreement, dated as of July 13, 2012 (as amended, amended and restated, supplemented, restructured or otherwise modified, renewed or replaced from time to time, the “*Credit Agreement*”), pursuant to which Grantors executed and delivered a Patent Security Agreement, dated as of July 13, 2012 (as amended, supplemented, and in effect, the “*IP Agreement*”);

**WHEREAS**, the IP Agreement was recorded with the United States Patent and Trademark Office (“*USPTO*”) on July 16, 2012, at Reel 028541, Frame 0559;

**WHEREAS**, the IP Agreement was supplemented by (a) that certain First Supplement to Patent Security Agreement dated as of April 17, 2014 and recorded with the USPTO at Reel 032708, Frame 0849, and (b) that certain Second Supplement to Patent Security Agreement dated as of June 23, 2015 and recorded with the USPTO at Reel 036015, Frame 0243;

**WHEREAS**, Grantors have requested that Assignee hereby terminate, release and discharge fully its security interests in and liens on all right, title and interest of Grantors in, to and under the patent collateral pledged in the Guarantee and Collateral Agreement and the IP Agreement (collectively, the “*IP Collateral*”) as herein provided; and

**WHEREAS**, Grantors have requested that the Assignee provide a document suitable for recording with the USPTO to evidence the release of the Assignee’s security interests in and liens on the IP Collateral as herein provided.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignee hereby:

1. terminates the Grants and releases, terminates and discharges all liens and security interests in all right, title and interest of each Grantor in, to and under the Patent Collateral, including those Patents and Patent applications identified in Schedule I hereto, and all goodwill associated therewith; and
2. authorizes and requests that this Termination and Release be recorded with the USPTO.

THIS TERMINATION AND RELEASE AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release by its duly authorized officer as of the date first above written.

SILICON VALLEY BANK, as Assignee

By:   
Name: Adam Gentry  
Title: Director

[Signature Page to Termination and Release of Security Interest in Patents]

SCHEDULE I  
TO  
TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS

| <b>Grantor</b>                 | <b>Date of<br/>Registration / Date<br/>of Patent</b> | <b>Application No. /<br/>Registration No.</b> | <b>Title of Patent or Patent<br/>Application</b>                                                        | <b>Status</b> |
|--------------------------------|------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------|
| Cross Match Technologies, Inc. | R: 4/17/1997<br>P: 8/29/2000                         | 08/839,934<br>6,111,977                       | Hand-held fingerprint recognition and transmission device                                               | Granted       |
| Cross Match Technologies, Inc. | R: 4/28/1998<br>P: 1/23/2001                         | 09/067,792<br>6,178,255                       | Individualized fingerprint scanner                                                                      | Granted       |
| Cross Match Technologies, Inc. | R: 1/16/2001<br>P: 9/30/2003                         | 09/759,344<br>6,628,813                       | Individualized fingerprint scanner                                                                      | Granted       |
| Cross Match Technologies, Inc. | R: 9/3/2003<br>P: 9/5/2006                           | 10/653,141<br>7,103,201                       | Methods for capturing fingerprint images using a moving platen                                          | Granted       |
| Cross Match Technologies, Inc. | R: 5/18/1998<br>P: 7/17/2001                         | 09/080,911<br>6,263,090                       | Code Reader Fingerprint Scanner                                                                         | Granted       |
| Cross Match Technologies, Inc. | R: 5/28/1999<br>P: 8/7/2001                          | 09/321,533<br>6,272,562                       | Access Control Unit Interface                                                                           | Granted       |
| Cross Match Technologies, Inc. | R: 6/23/2000<br>P: 4/26/2005                         | 09/599,255<br>6,886,104                       | Rechargeable Mobile Hand-Held Fingerprint Scanner With A Data And Power Communication Interface         | Granted       |
| Cross Match Technologies, Inc. | R: 8/19/1999<br>P: 11/19/2002                        | 09/377,597<br>6,483,932                       | Method and Apparatus for Rolled Fingerprint Capture                                                     | Granted       |
| Cross Match Technologies, Inc. | R: 9/20/2002<br>P: 8/22/2006                         | 10/247,285<br>7,095,880                       | Method And Apparatus For Rolled Fingerprint Capture                                                     | Granted       |
| Cross Match Technologies, Inc. | R: 10/29/1999<br>P: 6/1/2004                         | 09/430,296<br>6,744,910                       | Hand-Held Fingerprint Scanner With On-Board Image Normalization Data Storage                            | Granted       |
| Cross Match Technologies, Inc. | R: 12/18/2002<br>P: 6/27/2006                        | 10/321,548<br>7,068,822                       | System And Method For Sending A Packet With Position Address And Line Scan Data Over An Interface Cable | Granted       |
| Cross Match Technologies, Inc. | R: 12/15/1999<br>P: 2/3/2004                         | 09/461,344<br>6,687,391                       | Adjustable, Rotable Finger Guide In Tenprint Scanner With Movable Prism Platen                          | Granted       |
| Cross Match Technologies, Inc. | R: 10/25/1999<br>P: 12/2/2003                        | 09/425,947<br>6,658,164                       | Calibration And Correction In A Fingerprint Scanner                                                     | Granted       |
| Cross Match Technologies, Inc. | R: 10/23/2003<br>P: 3/7/2006                         | 10/690,641<br>7,010,148                       | Calibration And Correction In A Fingerprint Scanner                                                     | Granted       |
| Cross Match                    | R: 5/9/1997                                          | 08/854,157                                    | Lens Systems For Use In                                                                                 | Granted       |

| <b>Grantor</b>                       | <b>Date of<br/>Registration / Date<br/>of Patent</b> | <b>Application No. /<br/>Registration No.</b> | <b>Title of Patent or Patent<br/>Application</b>                                                       | <b>Status</b> |
|--------------------------------------|------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------|
| Technologies,<br>Inc.                | P: 5/4/1999                                          | 5,900,993                                     | Fingerprint Detection                                                                                  |               |
| Cross Match<br>Technologies,<br>Inc. | R: 10/25/1999<br>P: 1/9/2007                         | 09/425,888<br>7,162,060                       | Method, System And Computer<br>Program Product For Control Of<br>Platen Movement During A<br>Live Scan | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 3/30/2001<br>P: 1/3/2006                          | 09/821,044<br>6,983,062                       | Fingerprint Scanner Auto-<br>Capture System And Method                                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 12/29/2005<br>P: 2/2/2010                         | 11/320,472<br>7,657,067                       | Fingerprint Scanner Auto-<br>Capture System And Method                                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 12/18/2001<br>P: 8/9/2005                         | 10/020,498<br>6,928,195                       | Palm Scanner Using A<br>Programmable Nutating Mirror<br>For Increased Resolution                       | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 2/17/2006<br>P: 1/15/2008                         | 11/356,036<br>7,319,565                       | Silicone Rubber Surfaces For<br>Biometric Print TIR Prisms                                             | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 1/17/2002<br>P: 10/26/2004                        | 10/047,983<br>6,809,303                       | Platen Heaters For Biometric<br>Image Capturing Devices                                                | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 9/6/2002<br>P: 3/29/2005                          | 10/235,665<br>6,872,916                       | System And Method For<br>Biometric Image Capturing                                                     | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 1/16/2003<br>P: 12/11/2007                        | 10/345,366<br>7,308,122                       | Biometric Imaging System And<br>Method                                                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 4/12/2005<br>P:<br>12/6/2011                      | 11/103,426<br>8,073,209                       | Biometric Imaging System And<br>Method                                                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 1/16/2003<br>P: 4/10/2007                         | 10/345,420<br>7,203,344                       | Biometric Imaging System And<br>Method                                                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 4/12/2005<br>P: 12/6/2011                         | 11/103,426<br>8,073,209                       | Biometric imaging system and<br>method                                                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 1/17/2002<br>P: 10/11/2005                        | 10/050,046<br>6,954,260                       | Systems And Methods For<br>Illuminating A Platen In A Print<br>Scanner                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 4/9/2003<br>P: 3/15/2005                          | 10/409,156<br>6,867,850                       | Light Wedge For Illuminating A<br>Platen In A Print Scanner                                            | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 10/27/2004<br>P: 9/8/2009                         | 10/973,898<br>7,586,591                       | Light Wedge For Illuminating A<br>Platen In A Print Scanner                                            | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 10/7/2005<br>P: 9/18/2007                         | 11/245,470<br>7,271,881                       | Systems And Methods For<br>Illuminating A Platen In A Print<br>Scanner                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 7/31/2002<br>P: 8/26/2003                         | 29/164,704<br>D478,905                        | Fingerprint Scanner                                                                                    | Granted       |

| <b>Grantor</b>                       | <b>Date of<br/>Registration / Date<br/>of Patent</b> | <b>Application No. /<br/>Registration No.</b> | <b>Title of Patent or Patent<br/>Application</b>                                                                                                    | <b>Status</b> |
|--------------------------------------|------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Inc.                                 |                                                      |                                               |                                                                                                                                                     |               |
| Cross Match<br>Technologies,<br>Inc. | R: 7/31/2002<br>P: 12/16/2003                        | 29/164,705<br>D483,755                        | Computer Cabinet                                                                                                                                    | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 4/19/2002<br>P: 7/18/2006                         | 10/125,650<br>7,079,007                       | A Distributed System And<br>Method For Access Control                                                                                               | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 4/19/2002<br>P: 9/13/2005                         | 10/125,646<br>6,944,768                       | System And Methods For<br>Access Control Utilizing Two<br>Factors To Control Access                                                                 | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 4/21/2003<br>P: 7/11/2006                         | 10/419,093<br>7,073,711                       | Mobile Handheld Code Reader<br>And Print Scanner System And<br>Method                                                                               | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 1/16/2003<br>P: 8/16/2005                         | 10/345,374<br>6,930,792                       | Web-Enabled Live Scanner And<br>Method For Control                                                                                                  | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 8/9/2005<br>P: 1/26/2010                          | 11/199,222<br>7,652,780                       | Web-Enabled Live Scanner And<br>Method For Control                                                                                                  | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 8/1/2003<br>P: 2/7/2006                           | 10/631,899<br>6,996,259                       | System And Method For<br>Counting Ridges In A Captured<br>Print Image                                                                               | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 8/14/2003<br>P: 5/23/2006                         | 10/640,689<br>7,048,424                       | Light Integrating Column                                                                                                                            | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 2/28/2003<br>P: 1/16/2007                         | 10/375,088<br>7,164,440                       | Dynamic Image Adaptation<br>Method For Adjusting The<br>Quality Of Digital Prints                                                                   | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 12/3/2003<br>P: 5/15/2007                         | 10/725,537<br>7,218,761                       | System For Obtaining Print And<br>Other Hand Characteristic<br>Information Using A Non-<br>Planar Prism                                             | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 12/3/2003<br>P: 1/31/2006                         | 10/725,543<br>6,993,165                       | System Having A Rotating<br>Optical System And A Non-<br>Planar Prism That Are Used To<br>Obtain Print And Other Hand<br>Characteristic Information | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 12/3/2003<br>P: 1/22/2008                         | 10/725,541<br>7,321,671                       | System and method for<br>generating a preview display in<br>a print capturing system using a<br>non-planar prism                                    | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 3/20/2006<br>P: 3/13/2007                         | 11/378,238<br>7,190,535                       | Non-Planar Prism                                                                                                                                    | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 10/8/2004<br>P: 7/25/2006                         | 10/960,747<br>7,081,951                       | Palm Print Scanner And<br>Methods                                                                                                                   | Granted       |
| Cross Match<br>Technologies,<br>Inc. | R: 6/17/2003<br>P: 10/11/2005                        | 10/462,592<br>6,954,261                       | System And Method For<br>Illuminating A Platen In A Live<br>Scanner And Producing High-                                                             | Granted       |

| <b>Grantor</b>                 | <b>Date of<br/>Registration / Date<br/>of Patent</b> | <b>Application No. /<br/>Registration No.</b> | <b>Title of Patent or Patent<br/>Application</b>                                                                   | <b>Status</b> |
|--------------------------------|------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------|
|                                |                                                      |                                               | Contrast Print Images                                                                                              |               |
| Cross Match Technologies, Inc. | R: 10/11/2005<br>P: 10/10/2006                       | 11/246,525<br>7,119,890                       | System And Method For Illuminating A Platen In A Live Scanner And Producing High-Contrast Print Images             | Granted       |
| Cross Match Technologies, Inc. | R: 11/1/2004<br>P: 10/10/2006                        | 10/977,946<br>7,119,889                       | Apparatus for reducing ambient light into an optical print scanner                                                 | Granted       |
| Cross Match Technologies, Inc. | R: 8/1/2003<br>P: 10/2/2007                          | 10/631,890<br>7,277,562                       | Biometric Imaging Capture System And Method                                                                        | Granted       |
| Cross Match Technologies, Inc. | R: 6/12/2006<br>P: 6/29/2010                         | 11/450,893<br>7,747,046                       | Apparatus And Method For Obtaining Images Using A Prism                                                            | Granted       |
| Cross Match Technologies, Inc. | R: 6/28/2010<br>P: 5/31/2011                         | 12/824,765<br>7,953,259                       | Apparatus And Method For Obtaining Images Using A Prism                                                            | Granted       |
| Cross Match Technologies, Inc. | R: 8/1/2005<br>P: 9/16/2008                          | 11/193,324<br>7,426,020                       | System for print imaging with prism illumination optics                                                            | Granted       |
| Cross Match Technologies, Inc. | R: 12/22/2004<br>P: 4/4/2006                         | 29/219,777<br>D518,482                        | Scanner                                                                                                            | Granted       |
| Cross Match Technologies, Inc. | R: 8/23/2005<br>P: 5/22/2007                         | 11/209,038<br>7,221,489                       | Live print scanner with holographic platen                                                                         | Granted       |
| Cross Match Technologies, Inc. | R: 8/23/2005<br>P: 2/20/2007                         | 11/209,037<br>7,180,643                       | Live print scanner with holographic imaging at different magnifications                                            | Granted       |
| Cross Match Technologies, Inc. | R: 10/31/2008                                        | 12/290,564                                    | Apparatus and method for two eye imaging for iris identification                                                   | Filed         |
| Cross Match Technologies, Inc. | R: 11/3/2009                                         | 12/590,153                                    | Apparatus and method for the identification of fake fingerprints                                                   | Filed         |
| Cross Match Technologies, Inc. | R: 11/12/2010                                        | 12/927,352                                    | Apparatus and method for determining sequencing of fingers in images to a two-finger scanner of fingerprint images | Filed         |
| Cross Match Technologies, Inc. | R: 5/17/2011                                         | 61/486,766                                    | Thin film transistor sensors for fingerprint scanning                                                              | Filed         |
| Cross Match Technologies, Inc. | R: 7/29/2011                                         | 61/574,264                                    | Image enhancing membrane for fingerprint scanners                                                                  | Filed         |
| Cross Match Technologies, Inc. | R: 11/11/2011                                        | 61/558,497                                    | Ambient light rejection for non-imaging contact sensors                                                            | Filed         |
| Cross Match Technologies, Inc. | R: 11/12/2011                                        | 61/559,071                                    | Ambient light illumination for non-imaging contact sensors                                                         | Filed         |

| <b>Grantor</b> | <b>Date of<br/>Registration / Date<br/>of Patent</b> | <b>Application No. /<br/>Registration No.</b> | <b>Title of Patent or Patent<br/>Application</b> | <b>Status</b> |
|----------------|------------------------------------------------------|-----------------------------------------------|--------------------------------------------------|---------------|
| Inc.           |                                                      |                                               |                                                  |               |

| <b>Grantor</b>                               | <b>Date of<br/>Registration /<br/>Date of Patent</b> | <b>Application No./<br/>Registration No.</b> | <b>Title of Patent or Patent<br/>Application</b>                                                                                                              | <b>Status</b> |
|----------------------------------------------|------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <u>Cross Match<br/>Technologies<br/>GmbH</u> | R: 2/5/2001<br>P: 6/18/2002                          | 09/762,351<br>6,407,804                      | Assembly for detecting the<br>superficial structures of fingers<br>and/or palms                                                                               | Granted       |
| <u>Cross Match<br/>Technologies<br/>GmbH</u> | R: 7/7/2000<br>P: 9/21/2004                          | 09/582,977<br>6,795,570                      | Process and apparatus for the<br>electronic recording of an image                                                                                             | Granted       |
| <u>Cross Match<br/>Technologies<br/>GmbH</u> | R: 12/13/2002<br>P: 10/31/2006                       | 10/319,178<br>7,130,456                      | Method and arrangement for<br>low-distortion recordings of the<br>intensity patterns occurring on a<br>contact surface through<br>frustrated total reflection | Granted       |
| <u>Cross Match<br/>Technologies<br/>GmbH</u> | R: 12/7/2004<br>P: 11/3/2009                         | 11/008,819<br>7,613,334                      | Method and arrangement for<br>electronic recording of rolled<br>fingerprints                                                                                  | Granted       |
| <u>Cross Match<br/>Technologies<br/>GmbH</u> | R: 1/27/2006<br>P: 7/28/2009                         | 11/341,081<br>7,567,342                      | Arrangement for the<br>optoelectronic recording of large<br>area fingerprints                                                                                 | Granted       |

Cross Match Technologies, Inc. Patents:

| <b>Country of<br/>Registration</b> | <b>Date of<br/>Registration /<br/>Date of Patent</b> | <b>Application No. /<br/>Registration No.</b> | <b>Title of Patent or Patent<br/>Application</b>            | <b>Status</b> |
|------------------------------------|------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------|---------------|
| U.S.                               | 13/474,484                                           | 05/17/2012                                    | Fingerprint Sensors                                         | Pending       |
| Europe                             | 12 785 162.4                                         | 05/17/2012                                    | Fingerprint Sensors                                         | Pending       |
| U.S.                               | 13/560,082                                           | 07/27/2012                                    | Image enhancing membrane for<br>Fingerprint Scanners        | Pending       |
| U.S.                               | 13/676,058                                           | 11/13/2012                                    | Ambient light rejection for non-<br>imaging contact sensors | Pending       |
| PCT                                | PCT/US12/06488<br>2                                  | 11/13/2012                                    | Ambient light rejection for non-<br>imaging contact sensors | Pending       |

|      |                 |            |                                                                                                      |         |
|------|-----------------|------------|------------------------------------------------------------------------------------------------------|---------|
| U.S. | 13/676,062      | 11/13/2012 | Ambient light rejection for non-imaging contact sensors                                              | Pending |
| PCT  | PCT/US12/064886 | 11/13/2012 | Ambient light rejection for non-imaging contact sensors                                              | Pending |
| U.S. | 13/830,909      | 03/14/2013 | System for capturing a biometric image in high ambient light environments                            | Pending |
| U.S. | 14/217,083      | 03/17/2014 | System and method of conversion of fingerprint cards into digital format using machine readable code | Pending |
| PCT  | PCT/US14/30552  | 03/17/2014 | System and method of conversion of fingerprint cards into digital format using machine readable code | Pending |

DigitalPersona, Inc. Patents:

| COUNTRY | STATUS | SERIAL NUMBER | FILING DATE  | PATENT NUMBER | ISSUE DATE   | TITLE                                   |
|---------|--------|---------------|--------------|---------------|--------------|-----------------------------------------|
| US      | Issued | 08/837,549    | Apr 21, 1997 | 6,125,192     | Sep 26, 2000 | <u>FINGERPRINT RECOGNITION SYSTEM</u>   |
| US      | Issued | 09/470,097    | Dec 21, 1999 | 6,741,729     | May 25, 2004 | <u>FINGERPRINT RECOGNITION SYSTEM</u>   |
| US      | Issued | 10/822,897    | Apr 12, 2004 | 7,231,070     | Jun 12, 2007 | <u>FINGERPRINT RECOGNITION SYSTEM</u>   |
| US      | Issued | 11/762,001    | Jun 12, 2007 | 7,519,204     | Apr 14, 2009 | <u>A FINGERPRINT RECOGNITION SYSTEM</u> |

| COUNTRY | STATUS | SERIAL<br>NUMBER | FILING<br>DATE  | PATENT<br>NUMBER | ISSUE<br>DATE   | TITLE                                                                                                                    |
|---------|--------|------------------|-----------------|------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------|
| JP      | Issued | 545709/98        | Feb 26,<br>1998 | 4,125,794        | May 16,<br>2008 | <u>A FINGERPRINT<br/>RECOGNITION<br/>SYSTEM - UTILITY -<br/>JAPAN</u>                                                    |
| US      | Issued | 08/646,531       | May 10,<br>1996 | 5,796,858        | Aug 18,<br>1998 | <u>A FINGERPRINT<br/>SENSING SYSTEM<br/>USING A SHEET<br/>PRISM - UTILITY -<br/>CONTINUATION</u>                         |
| US      | Issued | 29/079,070       | Nov 7,<br>1997  | D404,667         | Jan 26,<br>1999 | <u>FINGERPRINT<br/>INDICATING SENSING<br/>UNIT</u>                                                                       |
| US      | Issued | 08/970,494       | Nov 14,<br>1997 | 5,997,339        | Dec 7,<br>1999  | <u>CABLE CONNECTION</u>                                                                                                  |
| US      | Issued | 08/971,157       | Nov 14,<br>1997 | 6,122,737        | Sep 19,<br>2000 | <u>METHOD FOR USING<br/>FINGERPRINTS TO<br/>DISTRIBUTE<br/>INFORMATION OVER<br/>A NETWORK</u>                            |
| US      | Issued | 09/514,964       | Feb 29,<br>2000 | 6,292,576        | Sep 18,<br>2001 | <u>METHOD AND<br/>APPARATUS FOR<br/>DISTINGUISHING A<br/>HUMAN FINGER<br/>FROM<br/>REPRODUCTION OF A<br/>FINGERPRINT</u> |
| US      | Issued | 08/970,304       | Nov 14,<br>1997 | 6,035,398        | Mar 7,<br>2000  | <u>CRYPTOGRAPHIC<br/>KEY GENERATION<br/>USING BIOMETRIC<br/>DATA</u>                                                     |
| JP      | Issued | 2000-521614      | May 15,<br>2000 | 4460763          | Feb 19,<br>2010 | <u>CRYPTOGRAPHIC<br/>KEY GENERATION<br/>USING BIOMETRIC<br/>DATA - UTILITY -</u>                                         |

| COUNTRY | STATUS | SERIAL<br>NUMBER | FILING<br>DATE  | PATENT<br>NUMBER        | ISSUE<br>DATE   | TITLE                                                                                      |
|---------|--------|------------------|-----------------|-------------------------|-----------------|--------------------------------------------------------------------------------------------|
|         |        |                  |                 |                         |                 | <u>JAPAN</u>                                                                               |
| US      | Issued | 09/153,782       | Sep 16,<br>1998 | 6,950,539               | Sep 27,<br>2005 | <u>CONFIGURABLE<br/>MULTI- FUNCTION<br/>TOUCHPAD DEVICE</u>                                |
| DE      | Issued | 99969165.2       | Sep 7,<br>1999  | 699 41 901.8            | Jan 6, 2010     | <u>A CONFIGURABLE<br/>MULTI- FUNCTION<br/>TOUCHPAD DEVICE -<br/>UTILITY - GERMANY</u>      |
| EP      | Issued | 99969165.2       | Sep 7,<br>1999  | 1 114 394               | Jan 6, 2010     | <u>A CONFIGURABLE<br/>MULTI- FUNCTION<br/>TOUCHPAD DEVICE -<br/>UTILITY - EPO</u>          |
| JP      | Issued | 2000-570709      | Mar 16,<br>2001 | 4460777                 | Feb 19,<br>2010 | <u>A CONFIGURABLE<br/>MULTI- FUNCTION<br/>TOUCHPAD DEVICE -<br/>UTILITY - JAPAN</u>        |
| TW      | Issued | 88116004         | Oct 11,<br>1999 | NI-139369               | Sep 1,<br>2001  | <u>A CONFIGURABLE<br/>MULTI- FUNCTION<br/>TOUCHPAD DEVICE -<br/>UTILITY - TAIWAN</u>       |
| US      | Issued | 09/255,037       | Feb 22,<br>1999 | 6,097,035               | Aug 1,<br>2000  | <u>FINGERPRINT<br/>DETECTION<br/>APPARATUS WITH<br/>PARTIAL<br/>FINGERPRINT<br/>IMAGES</u> |
| EP      | Issued | 99949934.6       | Sep 27,<br>1999 | 1166223?DE<br>69925393. | May 18,<br>2005 | <u>FINGERPRINT<br/>DETECTION<br/>APPARATUS -<br/>UTILITY - EPO</u>                         |
| TW      | Issued | 88119051         | Nov 2,<br>1999  | NI-139968               | Sep 11,<br>2001 | <u>FINGERPRINT<br/>DETECTION<br/>APPARATUS -</u>                                           |

| COUNTRY | STATUS | SERIAL<br>NUMBER | FILING<br>DATE  | PATENT<br>NUMBER | ISSUE<br>DATE   | TITLE                                                                                               |
|---------|--------|------------------|-----------------|------------------|-----------------|-----------------------------------------------------------------------------------------------------|
|         |        |                  |                 |                  |                 | <u>UTILITY - TAIWAN</u>                                                                             |
| US      | Issued | 09/124,182       | Jul 28,<br>1998 | 6,188,781        | Feb 13,<br>2001 | <u>METHOD AND APPARATUS FOR ILLUMINATING A FINGERPRINT THROUGH A SLIDE ILLUMINATION OF A PLATEN</u> |
| KR      | Issued | 2000-7003307     | Mar 28,<br>2000 | 611135           | Aug 3,<br>2006  | <u>METHOD AND APPARATUS FOR ILLUMINATING A FINGERPRINT - UTILITY - KOREA</u>                        |
| TW      | Issued | 88112620         | Jul 26,<br>1999 | NI-161311        | Aug 21,<br>2002 | <u>METHOD FOR ILLUMINATING A FINGERPRINT - UTILITY - TAIWAN</u>                                     |
| US      | Issued | 09/089,316       | Jun 2,<br>1998  | 6,324,310        | Nov 27,<br>2001 | <u>METHOD AND APPARATUS FOR SCANNING A FINGERPRINT USING A LINEAR SENSOR</u>                        |
| CN      | Issued | 99801019.7       | May 27,<br>1999 | ZL<br>99801019.7 | May 25,<br>2005 | <u>METHOD AND APPARATUS FOR SCANNING A FINGERPRINT USING A LINEAR SENSOR - UTILITY - CHINA</u>      |
| JP      | Issued | 2000-552620      | May 27,<br>1999 | 4285909          | Apr 3,<br>2009  | <u>METHOD AND APPARATUS FOR SCANNING A FINGERPRINT USING A LINEAR SENSOR - UTILITY - JAPAN</u>      |
| KR      | Issued | 2000-7000826     | May 27,         | 752575           | Aug 21,         | <u>METHOD AND</u>                                                                                   |

| COUNTRY | STATUS | SERIAL<br>NUMBER | FILING<br>DATE  | PATENT<br>NUMBER | ISSUE<br>DATE   | TITLE                                                                                                                               |
|---------|--------|------------------|-----------------|------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|
|         |        |                  | 1999            |                  | 2007            | <u>APPARATUS FOR<br/>SCANNING A<br/>FINGERPRINT USING<br/>A LINEAR SENSOR -<br/>UTILITY - KOREA</u>                                 |
| TH      | Issued | 050809           | Jun 2,<br>1999  | 26613            | Sep 11,<br>2009 | <u>METHOD AND<br/>APPARATUS FOR<br/>SCANNING A<br/>FINGERPRINT USING<br/>A LINEAR SENSOR -<br/>UTILITY - THAILAND</u>               |
| TW      | Issued | 88109134         | Jul 3, 1999     | NI-182742        | Nov 26,<br>2003 | <u>METHOD AND<br/>APPARATUS FOR<br/>SCANNING A<br/>FINGERPRINT USING<br/>A LINEAR SENSOR -<br/>UTILITY - TAIWAN</u>                 |
| US      | Issued | 09/591,029       | Jun 9,<br>2000  | 6,282,303        | Aug 28,<br>2001 | <u>METHOD AND<br/>APPARATUS FOR<br/>SCANNING A<br/>FINGERPRINT USING<br/>A LINEAR SENSOR<br/>WITHIN A CURSOR<br/>CONTROL DEVICE</u> |
| US      | Issued | 09/539,292       | Mar 30,<br>2000 | 6,799,275        | Sep 28,<br>2004 | <u>METHOD AND<br/>APPARATUS FOR<br/>SECURING A SECURE<br/>PROCESSOR</u>                                                             |
| US      | Issued | 09/538,926       | Mar 30,<br>2000 | 7,698,565        | Apr 13,<br>2010 | <u>A CRYPTO-PROXY<br/>SERVER AND METHOD<br/>OF USING THE SAME</u>                                                                   |
| US      | Issued | 09/707,417       | Nov 6,<br>2000  | 7,409,543        | Aug 5,<br>2008  | <u>METHOD AND<br/>APPARATUS FOR<br/>USING A THIRD<br/>PARTY<br/>AUTHENTICATION</u>                                                  |

| COUNTRY | STATUS  | SERIAL<br>NUMBER     | FILING<br>DATE  | PATENT<br>NUMBER | ISSUE<br>DATE   | TITLE                                                                                        |
|---------|---------|----------------------|-----------------|------------------|-----------------|----------------------------------------------------------------------------------------------|
|         |         |                      |                 |                  |                 | <u>SERVER</u>                                                                                |
| US      | Issued  | 12/185,802           | Aug 4,<br>2008  | 7,895,432        | Feb 22,<br>2011 | <u>METHOD AND<br/>APPARATUSFOR<br/>USING A THIRD<br/>PARTY<br/>AUTHENTICATION<br/>SERVER</u> |
| US      | Issued  | 11/360,377           | Feb 22,<br>2006 | 8,245,052        | Aug 14,<br>2012 | <u>METHOD AND<br/>APPARATUSFOR A<br/>TOKEN</u>                                               |
| US      | Issued  | 12/619,665           | Nov 16,<br>2009 | 8,621,642        | Dec 31,<br>2013 | <u>METHOD AND<br/>APPARATUSFOR AN<br/>END USER IDENTITY<br/>PROTECTION SUITE</u>             |
| JP      | Pending | 2000-552620          | Feb 14,<br>2000 |                  |                 | <u>METHOD AND<br/>APPARATUS FOR<br/>SCANNING A<br/>FINGERPRINT USING<br/>A LINEAR SENSOR</u> |
| BR      | Pending | PI0708184-7          | Feb 22,<br>2007 |                  |                 | <u>A METHOD AND<br/>APPARATUS FOR A<br/>TOKEN</u>                                            |
| US      | Pending | 13/584,716           | Aug 13,<br>2012 |                  |                 | <u>METHOD AND<br/>APPARATUS FOR A<br/>TOKEN</u>                                              |
| EP      | Pending | 07751564.1           | Feb 22,<br>2007 |                  |                 | <u>A METHOD AND<br/>APPARATUS FOR A<br/>TOKEN</u>                                            |
| MX      | Pending | MX/a/2008/01<br>0786 | Feb 22,<br>2007 |                  |                 | <u>A METHOD AND<br/>APPARATUS FOR A<br/>TOKEN</u>                                            |
| US      | Pending | 14/144,426           | Dec 30,         |                  |                 | <u>METHOD AND<br/>APPARATUS FOR A</u>                                                        |

| COUNTRY | STATUS  | SERIAL<br>NUMBER | FILING<br>DATE   | PATENT<br>NUMBER                                                                                                            | ISSUE<br>DATE | TITLE                                                                            |
|---------|---------|------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------|
|         |         |                  | 2013             |                                                                                                                             |               | <u>END USER IDENTITY<br/>PROTECTION SUITE</u>                                    |
| EP      | Pending | 09826964.0       | Nov 17,<br>2009  |                                                                                                                             |               | <u>METHOD AND<br/>APPARATUS FOR A<br/>END USER IDENTITY<br/>PROTECTION SUITE</u> |
| JP      | Pending | 2011-536595      | Nov 17,<br>2009  |                                                                                                                             |               | <u>METHOD AND<br/>APPARATUS FOR A<br/>END USER IDENTITY<br/>PROTECTION SUITE</u> |
| US      | Pending | 61/115,512       | Nov 17,<br>2008  |                                                                                                                             |               | <u>METHOD AND<br/>APPARATUS FOR A<br/>END USER IDENTITY<br/>PROTECTION SUITE</u> |
| US      | Pending | 12/579,288       | Oct 14,<br>2009  |                                                                                                                             |               | <u>PRIVATE KEY/PUBLIC<br/>KEY RESOURCE<br/>PROTECTION SCHEME</u>                 |
| JP      |         |                  | Aug. 31,<br>1998 | Japanese Patent Application No. 10-244637 CABLE<br>CONNECTING DEVICE AND SYSTEM THEREFOR<br>Patent Registration No. 3070920 |               |                                                                                  |

Cross Match Technologies, Inc. Patents:

| Country of<br>Registration | Date of<br>Registration /<br>Date of Patent | Application No. /<br>Registration No. | Title of Patent or Patent<br>Application             | Status  |
|----------------------------|---------------------------------------------|---------------------------------------|------------------------------------------------------|---------|
| U.S.                       | 13/474,484                                  | 05/17/2012                            | Fingerprint Sensors                                  | Pending |
| Europe                     | 12 785 162.4                                | 05/17/2012                            | Fingerprint Sensors                                  | Pending |
| U.S.                       | 13/560,082                                  | 07/27/2012                            | Image enhancing membrane for<br>Fingerprint Scanners | Pending |

|      |                     |            |                                                                                                      |         |
|------|---------------------|------------|------------------------------------------------------------------------------------------------------|---------|
| U.S. | 13/676,058          | 11/13/2012 | Ambient light rejection for non-imaging contact sensors                                              | Pending |
| PCT  | PCT/US12/06488<br>2 | 11/13/2012 | Ambient light rejection for non-imaging contact sensors                                              | Pending |
| U.S. | 13/676,062          | 11/13/2012 | Ambient light rejection for non-imaging contact sensors                                              | Pending |
| PCT  | PCT/US12/06488<br>6 | 11/13/2012 | Ambient light rejection for non-imaging contact sensors                                              | Pending |
| U.S. | 13/830,909          | 03/14/2013 | System for capturing a biometric image in high ambient light environments                            | Pending |
| U.S. | 14/217,083          | 03/17/2014 | System and method of conversion of fingerprint cards into digital format using machine readable code | Pending |
| PCT  | PCT/US14/30552      | 03/17/2014 | System and method of conversion of fingerprint cards into digital format using machine readable code | Pending |

DigitalPersona, Inc. Patents:

| COUNTRY | STATUS | SERIAL<br>NUMBER | FILING<br>DATE  | PATENT<br>NUMBER | ISSUE<br>DATE   | TITLE                                         |
|---------|--------|------------------|-----------------|------------------|-----------------|-----------------------------------------------|
| US      | Issued | 08/837,549       | Apr 21,<br>1997 | 6,125,192        | Sep 26,<br>2000 | <u>FINGERPRINT<br/>RECOGNITION<br/>SYSTEM</u> |
| US      | Issued | 09/470,097       | Dec 21,<br>1999 | 6,741,729        | May 25,<br>2004 | <u>FINGERPRINT<br/>RECOGNITION<br/>SYSTEM</u> |
| US      | Issued | 10/822,897       | Apr 12,<br>2004 | 7,231,070        | Jun 12,<br>2007 | <u>FINGERPRINT<br/>RECOGNITION</u>            |

| COUNTRY | STATUS  | SERIAL<br>NUMBER | FILING<br>DATE  | PATENT<br>NUMBER | ISSUE<br>DATE   | TITLE                                                                                            |
|---------|---------|------------------|-----------------|------------------|-----------------|--------------------------------------------------------------------------------------------------|
|         |         |                  |                 |                  |                 | <u>SYSTEM</u>                                                                                    |
| US      | Issued  | 11/762,001       | Jun 12,<br>2007 | 7,519,204        | Apr 14,<br>2009 | <u>A FINGERPRINT<br/>RECOGNITION<br/>SYSTEM</u>                                                  |
| JP      | Issued  | 545709/98        | Feb 26,<br>1998 | 4,125,794        | May 16,<br>2008 | <u>A FINGERPRINT<br/>RECOGNITION<br/>SYSTEM - UTILITY -<br/>JAPAN</u>                            |
| US      | Issued  | 08/646,531       | May 10,<br>1996 | 5,796,858        | Aug 18,<br>1998 | <u>A FINGERPRINT<br/>SENSING SYSTEM<br/>USING A SHEET<br/>PRISM - UTILITY -<br/>CONTINUATION</u> |
| US      | Issued  | 29/079,070       | Nov 7,<br>1997  | D404,667         | Jan 26,<br>1999 | <u>FINGERPRINT<br/>INDICATING SENSING<br/>UNIT</u>                                               |
| US      | Issued  | 08/970,494       | Nov 14,<br>1997 | 5,997,339        | Dec 7,<br>1999  | <u>CABLE CONNECTION</u>                                                                          |
| US      | Issued  | 08/971,157       | Nov 14,<br>1997 | 6,122,737        | Sep 19,<br>2000 | <u>METHOD FOR USING<br/>FINGERPRINTS TO<br/>DISTRIBUTE<br/>INFORMATION OVER<br/>A NETWORK</u>    |
| US      | Issued  | 29/432,525       | 9/17/2012       | D720,359         | 12/30/2014      | Animated Graphical User<br>Interface for a Display                                               |
| US      | Issued  | 29/432,519       | 9/17/2012       | D701,508         | 3/25/2014       | Electronic Apparatus with<br>Integrated Movable<br>Display (Design)                              |
| US      | Issued  | 29/432,521       | 9/17/2012       | D721,715 S       | 1/27/2015       | Animated Graphical User<br>Interface for a Display                                               |
| US      | Pending | 14/030,559       | 9/18/2013       |                  |                 | Method and Apparatus                                                                             |

| <b>COUNTRY</b> | <b>STATUS</b> | <b>SERIAL<br/>NUMBER</b> | <b>FILING<br/>DATE</b> | <b>PATENT<br/>NUMBER</b> | <b>ISSUE<br/>DATE</b> | <b>TITLE</b>                                                                              |
|----------------|---------------|--------------------------|------------------------|--------------------------|-----------------------|-------------------------------------------------------------------------------------------|
|                |               |                          |                        |                          |                       | for Fingerprinting on the<br>Basis of Fingerprint<br>Scanners in Reliable High<br>Quality |