

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Printronic, Inc.	01/08/2008

RECEIVING PARTY DATA

Name:	Silicon Valley Bank
Street Address:	3003 Tasman Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 83

Property Type	Number
Patent Number:	7268686
Patent Number:	7261479
Patent Number:	7239243
Patent Number:	7221278
Patent Number:	7114655
Patent Number:	7114654
Patent Number:	7066667
Patent Number:	7050181
Patent Number:	7037009
Patent Number:	6997627
Patent Number:	6929412
Patent Number:	6899476
Patent Number:	6896429
Patent Number:	6896428
Patent Number:	6840689

PATENT

500434863

REEL: 020325 FRAME: 0733

CH \$3320.00 7268686

Patent Number:	6821035
Patent Number:	6779935
Patent Number:	6739513
Patent Number:	6695498
Patent Number:	6695495
Patent Number:	6535299
Patent Number:	6478487
Patent Number:	6437280
Patent Number:	6436023
Patent Number:	6423155
Patent Number:	6361228
Patent Number:	6354503
Patent Number:	6244768
Patent Number:	6183406
Patent Number:	6146033
Patent Number:	6089769
Patent Number:	6089768
Patent Number:	6082914
Patent Number:	6000330
Patent Number:	5957827
Patent Number:	5857787
Patent Number:	5832820
Patent Number:	5803630
Patent Number:	5743665
Patent Number:	5720561
Patent Number:	5666880
Patent Number:	5600772
Patent Number:	5595446
Patent Number:	5569899
Patent Number:	5498087
Patent Number:	5366303
Patent Number:	5361693
Patent Number:	5354139
Patent Number:	5344242
Patent Number:	5335999

Patent Number:	5285056
Patent Number:	5152217
Patent Number:	5133253
Patent Number:	5123762
Patent Number:	5092695
Patent Number:	5051567
Patent Number:	4984913
Patent Number:	4854756
Application Number:	10850604
Application Number:	10863605
Application Number:	10951573
Application Number:	11056963
Application Number:	11073042
Application Number:	11073081
Application Number:	11110138
Application Number:	11143250
Application Number:	11147647
Application Number:	11147848
Application Number:	11182282
Application Number:	11190306
Application Number:	11207222
Application Number:	11340234
Application Number:	11436208
Application Number:	11436848
Application Number:	11447781
Application Number:	11451987
Application Number:	11451991
Application Number:	11487648
Application Number:	11497189
Application Number:	11497456
Application Number:	11510047
Application Number:	11559815
Application Number:	11738611

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

2073414-0000328116

NAME OF SUBMITTER:

Mary R. Zimmerman

Total Attachments: 9

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (this "Agreement"), dated as of January 8, 2008, is entered into by and between PRINTRONIX, INC., a Delaware corporation and successor by merger to Pioneer Sub Corp. (the "Grantor") and SILICON VALLEY BANK (the "Assignee"), as Administrative Agent pursuant to that certain Guarantee and Collateral Agreement, dated as of January 8, 2008, among the Assignee, the Grantor and the other parties thereto (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Guarantee and Collateral Agreement"), and pursuant to that certain Credit Agreement, dated as of January 8, 2008, among Grantor, PIONEER HOLDING CORP., a Delaware corporation, PIONEER SUB CORP., a Delaware corporation, and certain Lenders and agents party thereto (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement").

Capitalized terms not otherwise defined herein have the respective meanings ascribed to them in the Guarantee and Collateral Agreement or the Credit Agreement, as applicable.

WHEREAS, pursuant to the Guarantee and Collateral Agreement, Grantor has granted in favor of Assignee a security interest in certain Collateral, including the Patents set forth on Schedule A hereto.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor and the Assignee hereby agree as follows:

1. Grant of Security Interest

(a) Subject to the terms and conditions of the Guarantee and Collateral Agreement, to evidence further the security interest granted by Grantor to Assignee pursuant to the Guarantee and Collateral Agreement, Grantor hereby grants to Assignee a security interest in all of Grantor's right, title and interest in, to and under the Patents, whether owned or hereafter existing or in which Grantor now has or hereafter acquires an interest and wherever the same may be located, as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of Grantor's Obligations. For the purposes of this Agreement, "Patents" means (i) all letters patent of the United States, any other country or any political subdivision thereof, all reissues and extensions thereof and all goodwill of Grantor's business associated therewith, including, without limitation, any of the foregoing referred to on Schedule A hereto, (ii) all applications for letters patent of the United States or any other country and all divisions, continuations and continuations-in-part thereof, including, without limitation, any of the foregoing referred to on Schedule A hereto, and (iii) all rights to obtain any reissues or extensions of the foregoing.

(b) Schedule A hereto contains a true and accurate list of all of Grantor's United States Patents.

(c) The security interest granted hereby is granted concurrently and in conjunction with the security interest granted to the Assignee under the Guarantee and Collateral Agreement. The rights and remedies of the Assignee with respect to the security interest granted hereby are in addition to those set forth in the Guarantee and Collateral Agreement (which is deemed incorporated by reference herein) and those which are now or

hereafter available to the Assignee as a matter of law or equity. The exercise by the Assignee of any one or more of the rights, powers or privileges provided for in this Agreement, in the Guarantee and Collateral Agreement, or now or hereafter existing at law or in equity shall not preclude any other or further exercise by any person, including the Assignee, of any or all other rights, powers or privileges. In the event that any of the provisions of this Agreement are in conflict with the Guarantee and Collateral Agreement, the provisions of the Guarantee and Collateral Agreement shall govern.

2. Modifications

This Agreement or any provision hereof may not be changed, waived, or terminated except in accordance with the amendment provisions of the Credit Agreement. Notwithstanding the foregoing, Grantor authorizes the Assignee, upon notice to Grantor, to modify this Agreement without obtaining Grantor's signature to such modification, to the extent that such modification constitutes an amendment of Schedule A hereto, to add any right, title or interest in any Patent owned or subsequently acquired by Grantor or to delete any reference to any right, title or interest in any Patent in which Grantor no longer has or claims any right, title or interest. Grantor additionally agrees to execute any additional agreement or amendment hereto as may be reasonably required by the Assignee from time to time, to subject any such owned or subsequently acquired right, title or interest in any Patent to the security interests and perfection created or contemplated hereby or by the Guarantee and Collateral Agreement.

3. Applicable Law

THIS AGREEMENT 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 CALIFORNIA.

4. Counterparts

This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts (including by telecopy), and all of said counterparts taken together shall be deemed to constitute one and the same instrument.

[Signature Page Follows]

IN WITNESS WHEREOF, each of the undersigned has caused this Agreement to be duly executed and delivered as of the date first above written.

GRANTOR:

PRINTRONIX, INC.

By: 

Name:

G. HALWOOD

Title:

SVP/CFO

ASSIGNEE:

SILICON VALLEY BANK,
as Administrative Agent

By: _____

Name:

Title:

[Signature Page to Patent Security Agreement]

IN WITNESS WHEREOF, each of the undersigned has caused this Agreement to be duly executed and delivered as of the date first above written.

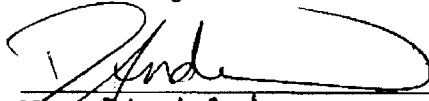
GRANTOR:

PRINTRONIX, INC.

By: _____
Name:
Title:

ASSIGNEE:

SILICON VALLEY BANK,
as Administrative Agent

By: 
Name: Robert + Anderson
Title: Senior Relationship Manager

[Signature Page to Patent Security Agreement]

Schedule A to PATENT SECURITY AGREEMENT

REGISTRATIONS AND APPLICATIONS FOR PATENTS

Issued U.S. Patents:

No.	Registrant/Assignee	Patent Title	Patent Number	Registration Date
1.	Printronix, Inc.	RFID radiation nullifier	7268686	09/11/2007
2.	Printronix, Inc.	RFID tag, antenna, and printer system	7261479	08/28/2007
3.	Printronix, Inc.	RFID tag imager	7239243	07/03/2007
4.	Printronix, Inc.	RFID verifier	7221278	05/22/2007
5.	Printronix, Inc.	EPC data manager	7114655	10/03/2006
6.	Printronix, Inc.	RFID encoder and verifier	7114654	10/03/2006
7.	Printronix, Inc.	RFID tag and printer system	7066667	06/27/2006
8.	Printronix, Inc.	Printer application adapter system	7050181	05/23/2006
9.	Printronix, Inc.	RFID tag, antenna and printer system	7037009	05/02/2006
10.	Printronix, Inc.	Label printer read after print correlation apparatus	6997627	02/14/2006
11.	Printronix, Inc.	RFID tag, antenna and printer system	6929412	08/16/2005
12.	Printronix, Inc.	RFID tag, antenna and printer system	6899476	05/31/2005
13.	Printronix, Inc.	Constant density printer system	6896429	05/24/2005
14.	Printronix, Inc.	Printer read after print correlation method and apparatus	6896428	05/24/2005
15.	Printronix, Inc.	Thermal printer with improved transport, drive and remote controls	6840689	06/11/2005
16.	Printronix, Inc.	Line printer with staggered magnetics	6821035	11/23/2004
17.	Printronix, Inc.	Printer hammerbank with a magnetic shunt	6779935	08/24/2004
18.	Printronix, Inc.	Box detector in barcode environment	6739513	05/25/2004
19.	Printronix, Inc.	Printer compact coil winding system	6695498	02/24/2004
20.	Printronix, Inc.	Constant density printer system	6695495	02/24/2004
21.	Printronix, Inc.	Bar code verification and printing system	6535299	03/18/2003
22.	Printronix, Inc.	Line pinter variable print ribbon system	6478487	11/12/2002
23.	Printronix, Inc.	Printer hammer tip and method for making	6437280	08/20/2002

No.	Registrant/Assignee	Patent Title	Patent Number	Registration Date
24.	Printronix, Inc.	Printer continuous paper drive	6436023	08/20/2002
25.	Printronix, Inc.	High strength metal alloys with high magnetic saturation induction and method	6423155	07/23/2002
26.	Printronix, Inc.	Thermal printer with improved ribbon transport	6361228	03/26/2002
27.	Printronix, Inc.	Bar code online scanner/verifier	6354503	03/12/2002
28.	Printronix, Inc.	Resilient elastomeric line printer platen having outer layer of hard material	6244768	06/12/2001
29.	Printronix, Inc.	Printer tractor paper feeder and ironer	6183406	02/06/2001
30.	Printronix, Inc.	High strength metal alloys with high magnetic saturation induction and method	6146033	11/14/2000
31.	Printronix, Inc.	Line printer hammerbank cover with spaced apart thickened sections	6089769	07/18/2000
32.	Printronix, Inc.	Print ribbon feeder and detection system	6089768	07/18/2000
33.	Printronix, Inc.	Thermal printer and drive system for controlling print ribbon velocity and tension	6082914	07/04/2000
34.	Printronix, Inc.	Line printer with reduced magnetic permeance	6000330	12/14/1999
35.	Printronix, Inc.	Printer with a power paper stacker	5957827	09/28/1999
36.	Printronix, Inc.	Printer and motor having a balanced buck drive	5857787	01/12/1999
37.	Printronix, Inc.	Integrally driven and balanced line printer	5832820	11/10/1998
38.	Printronix, Inc.	Printer having an improved shuttle position sensor	5803630	09/08/1998
39.	Printronix, Inc.	Printer integrated driver and hammerbank	5743665	04/28/1998
40.	Printronix, Inc.	Printer coil temperature sensor and method	5720561	02/24/1998
41.	Printronix, Inc.	Integrally driven and balanced line printer	5666880	09/16/1997
42.	Printronix, Inc.	Bit map character covertor using chain-codes for the character filling process	5600772	02/04/1997
43.	Printronix, Inc.	Printer power supply	5595446	01/21/1997
44.	Printronix, Inc.	On-line bar code verification system	5569899	10/29/1996

No.	Registrant/Assignee	Patent Title	Patent Number	Registration Date
45.	Printronix, Inc.	Wide web compatible printer	5498087	03/12/1996
46.	Printronix, Inc.	Printer ribbon motor controller	5366303	11/22/1994
47.	Printronix, Inc.	Tungsten carbide welded printer tips	5361693	11/08/1994
48.	Printronix, Inc.	Paper feed system having mechanisms engaging opposite edges of print paper above and below print station of printer	5354139	10/11/1994
49.	Printronix, Inc.	Printer hammerbank with low reluctance magnetics	5344242	09/06/1994
50.	Printronix, Inc.	Printer hammerspring	5335999	08/09/1994
51.	Printronix, Inc.	Bar code reflectance measurement	5285056	02/08/1994
52.	Printronix, Inc.	Printer having improved hammerbank airflow	5152217	10/06/1992
53.	Printronix, Inc.	Flexure member in cam driven shuttle printer	5133253	07/28/1992
54.	Printronix, Inc.	Split tractor clamp for an impact printer	5123762	06/23/1992
55.	Printronix, Inc.	Printer having ribbon wear indicator	5092695	03/03/1992
56.	Printronix, Inc.	Bar code reader to read different bar code formats	5051567	09/24/1991
57.	Printronix, Inc.	Printer having ribbon wear indicator	4984913	01/15/1991
58.	Printronix, Inc.	Adaptive print hammer timing system	4854756	08/08/1989

Published U.S. Patents

No.	Applicant/Assignee	Patent Title	Application Number	Publication Number	Publication Date
1.	Printronix, Inc.	Thermal printer read after print correlation	10/850,604	20050002049	01/06/2005
2.	Printronix, Inc.	Controlled firewall penetration	10/863,605	20050273846	12/08/2005
3.	Printronix, Inc.	RFID verifier system with grade classification	10/951,573	20060068701	03/30/2006
4.	Printronix, Inc.	Multi-viscosity printer ink	11/056,963	20050191424	09/01/2005
5.	Printronix, Inc.	Capacitive	11/073,042	20060208897	09/21/2006

		RFID tag encoder			
6.	Printronix, Inc.	Method and system for aiming an RFID reader	11/073,081	20060208076	09/21/2006
7.	Printronix, Inc.	Ribbon identification system	11/110,138	20060239742	10/26/2006
8.	Printronix, Inc.	RFID receiver with digital down conversion	11/143,250	20060274857	12/07/2006
9.	Printronix, Inc.	Apparatus and method for controlling and managing an RFID printer system	11/147,647	20050275880	12/15/2005
10.	Printronix, Inc.	Auto sense and encode printer system	11/147,848	20050274800	12/15/2005
11.	Printronix, Inc.	RFID characterization method	11/182,282	20070013485	01/18/2007
12.	Printronix, Inc.	Intelligent RFID tag and use for improved printing	11/190,306	20070023516	02/01/2007
13.	Printronix, Inc.	Capacitively-coupled RFID encoder	11/207,222	20070040680	02/22/2007
14.	Printronix, Inc.	Multi-band RFID encoder	11/340,234	20070171071	07/26/2007
15.	Printronix, Inc.	VSWR Classification	11/436,208	n/a	05/17/2006
16.	Printronix, Inc.	Beam forming aperture	11/436,848	n/a	05/17/2006
17.	Printronix, Inc.	Ribbon hub and spool assembly	11/447,781	20070003351	01/04/2007
18.	Printronix, Inc.	Ultra high capacity line matrix ribbon	11/451,987	20070003348	01/04/2007
19.	Printronix, Inc.	Printer ribbon with seam feature	11/451,991	20070003349	01/04/2007
20.	Printronix, Inc.	Apparatus and method for control	11/487,648	20060256378	11/16/2006
21.	Printronix, Inc.	RFID verifier	11/497,189	20070013522	01/18/2007
22.	Printronix, Inc.	Method and system for Controlling Label Peeling and Rejecting	11/497,456	n/a	05/17/1995

		Bad Labels in a Label Printer of Applicator System			
23.	Printronix, Inc.	Ribbon identification	11/510,047	20070003350	01/04/2007
24.	Printronix, Inc.	RFID Tag/Label rejection	11/559,815	n/a	11/14/2006
25.	Printronix, Inc.	Acceleration Corrected barcode	11/738,611	n/a	