

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM299656

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Solvay America, Inc.		03/25/2014	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Plextronics, Inc.		
Street Address:	2180 William Pitt Way		
City:	Pittsburgh		
State/Country:	PENNSYLVANIA		
Postal Code:	15238		
Entity Type:	CORPORATION: DELAWARE		
PROPERTY NUMBERS Total: 3			
Property Type	Number	Word Mark	
Registration Number:	3948114	PLEXTRONICS LIGHT. POWER. CIRCUITRY.	
Registration Number:	3004841	PLEXCORE	
Registration Number:	2902063	PLEXTRONICS	
CORRESPONDENCE DATA			
Fax Number:	3127069000		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	312-701-8623		
Email:	rassmus@mayerbrown.com, msherlock@mayerbrown.com		
Correspondent Name:	Richard Assmus		
Address Line 1:	P.O. Box 2828		
Address Line 4:	Chicago, ILLINOIS 60690-2828		
NAME OF SUBMITTER:	Richard M. Assmus		
SIGNATURE:	/RMA/		
DATE SIGNED:	03/31/2014		
Total Attachments: 14			
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TERMINATION AND RELEASE OF SECURITY INTERESTS

TERMINATION AND RELEASE dated as of March 25, 2014 from SOLVAY AMERICA, INC., a Delaware corporation ("Solvay"), to PLEXTRONICS, INC., a Delaware corporation (the "Grantor").

WITNESSETH:

WHEREAS, pursuant to the Security Agreement, dated as of May 24, 2013 (as amended, restated, amended and restated, supplemented, waived or otherwise modified or replaced from time to time, the "Solvay Security Agreement"), by and between the Grantor and Solvay, as well as, additional Security Agreements entered into with each of the other investors set forth on Schedule I to the Solvay Security Agreement (collectively with Solvay, the "Lenders") on each of June 30, 2011, April 17, 2012 and July 13, 2012, the Grantor has granted to the Lenders a *pari passu* first priority security interest to support certain obligations of the Grantor owed to the Lenders under the terms of the convertible notes issued to each Lender, including the Note issued to Solvay, in accordance with the terms of that certain Convertible Note and Warrant Purchase Agreement dated as of May 24, 2013 (as amended, restated, amended and restated, supplemented, waived or otherwise modified or replaced from time to time);

WHEREAS, the Grantor, Solvay and the other Lenders are parties to that certain Second Amended and Restated Intercreditor Agreement dated as of May 24, 2013 (as amended, restated, amended and restated, supplemented, waived or otherwise modified or replaced from time to time), which sets forth the relative rights and obligations of the various Lenders as it relates to the Collateral;

WHEREAS, pursuant to that certain Intellectual Property Security Agreement dated as of May 24, 2013 (as amended, restated, amended and restated, supplemented, waived or otherwise modified or replaced from time to time, the "Grant"), the Grantor assigned to Solvay a security interest in all IP Collateral (as defined below) of the Grantor and all of the Grantor's rights in connection therewith (the "Assignment"), and such Assignment was recorded in each of the Trademark Division and Patent Division of the United States Patent and Trademark Office on May 24, 2013, at Reel 5035 and Frame 0106 and Reel 030486 and Frame 0137, respectively; and

WHEREAS, Solvay now desires to terminate and release the entirety of its security interest in the IP Collateral (as defined below) as provided for in the Order (A) Authorizing and Approving (1) the Sale of Substantially All of the Debtor's Assets Free and Clear of All Liens, Claims, Encumbrances and Other Interests; and (2) the Assumption and Assignment of Certain Executor Contracts and Unexpired Leases in Connection Therewith; and (B) Granting Related Relief (Case No. 14-10080 (KJC)) entered on March 6, 2014 in the United State Bankruptcy Court for the District of Delaware; and

NOW, THEREFORE, for good and valuable consideration including the satisfaction of all obligations, indebtedness and liabilities secured by the security interest in the IP Collateral (as defined below) as detailed in and evidenced by the Grant and the Assignment (collectively, the

"Security Interests"), the receipt and adequacy of which are hereby acknowledged, and upon the terms set forth in this Termination and Release, Solvay hereby states as follows:

1. Definitions. The term "IP Collateral," as used herein, shall mean all of Solvay's right, title and interest, whether now owned or existing or hereafter created, acquired or arising, in and to the following:

(a) all Patents, in each case now existing or hereafter adopted or acquired, including those set forth on Schedule A attached hereto;

(b) all Trademarks, in each case now existing or hereafter adopted or acquired, including those set forth on Schedule A hereto; and

(c) all Copyrights, in each case now existing or hereafter adopted or acquired, including those set forth on Schedule A hereto.

2. Release of Security Interests. Solvay hereby terminates, releases and discharges its Security Interests in the IP Collateral, and any right, title or interest of Solvay in such IP Collateral shall hereby cease and become void.

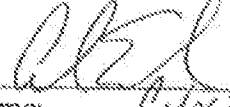
3. Further Assurances. Solvay hereby agrees to duly execute, acknowledge, procure and deliver any further documents and to do such other acts as may be reasonably necessary to effect the release of the Security Interests contemplated hereby.

4. THIS TERMINATION AND RELEASE AND ALL RIGHTS AND OBLIGATIONS HEREUNDER, INCLUDING MATTERS OF CONSTRUCTION, VALIDITY, AND PERFORMANCE, SHALL BE GOVERNED BY THE LAWS OF THE STATE OF DELAWARE.

[Signature page follows.]

IN WITNESS WHEREOF, the undersigned has caused this Termination and Release to be executed by an officer duly authorized so to do on the date first above written.

SOLVAY AMERICA, INC.

By: 
Name: Carol Crisler
Title: SVP

Schedule A

(Attached.)

Intellectual Property

Patents

See attached PDF

Trademarks

Trademark Status Report -- May 21, 2013

Country	Mark	Reg. No.	Reg. Date	Status	Next Action Due
China	PLEXCORE	Pending	Pending	Filed	Awaiting Trademark Office Review
EU	PLEXTRONICS	008231458	11/22/2009	Registered	Renewal -- 04/21/2019
Japan	PLEXTRONICS	5411900	05/13/2011	Registered	2 nd Payment of Registration Fee 05/13/2016
Japan	PLEXCORE	Pending	Pending	Filed	Awaiting Trademark Office Review
South Korea	PLEXTRONICS	40/880575	9/15/2011	Registered	Renewal 09/15/2021
South Korea	PLEXCORE	Pending	Pending	Filed	Awaiting Trademark Office Review
United States	PLEXTRONICS LIGHT POWER CIRCUITRY	3,948,114	04/19/2011	Registered	Declaration of Use 04/19/2017
United States	PLEXCORE	3,004,841	10/04/2005	Registered	Renewal 10/04/2015
United States	PLEXTRONICS	2,902,063	11/09/2004	Registered	Renewal 11/09/2014

Copyrights

Registered Copyrights

None.

Copyright Application

None.

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	ISSUANCE DATE	TITLE	ASSIGNEE OR ASSIGNMENT ENTITY
11234873	United States of America	Issued	26-Sep-05	7790978	Sep 7, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
2607533836	Japan	Issued	26-Sep-05	4981872	Apr 27, 2012	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
2607020811	Singapore	Pending	26-Sep-05			HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
2600063512	Singapore	Issued	26-Sep-05	155085	May 31, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
2005800389871	China	Issued	26-Sep-05	ZL200580038987.1	Jan 20, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
081050955	Hong Kong	Issued	7-May-08	1115229	Aug 27, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
058101759	European Patent Office	Issued	26-Sep-05	1805825	Aug 24, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
058101759	Belgium	Issued	26-Sep-05	EP1805825	Aug 24, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
058101759	France	Issued	26-Sep-05	EP1805825	Aug 24, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
058101759	Germany	Issued	26-Sep-05	802005028795.0	Aug 24, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
058101759	United Kingdom	Issued	26-Sep-05	EP1805825	Aug 24, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
058101759	Netherlands	Issued	26-Sep-05	EP1805825	Aug 24, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR PHOTOVOLTAIC CELLS	
11234374	United States of America	Pending	26-Sep-05			HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
1020077009138	Republic of Korea	Pending	26-Sep-05			HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
1020137001837	Republic of Korea	Pending	23-Jan-13			HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
2007533836	Japan	Issued	26-Sep-05	5044535	Jul 5, 2012	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
2007021817	Singapore	Pending	26-Sep-05			HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
2600063520	Singapore	Issued	26-Sep-05	155085	May 31, 2011	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
2005800389438	China	Pending	26-Sep-05			HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
081050984	Hong Kong	Pending	7-May-08			HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
057983116	European Patent Office	Issued	26-Sep-05	1805826	Mar 24, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
057983116	Belgium	Issued	26-Sep-05	1805826	Mar 24, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
057983116	France	Issued	26-Sep-05	1805826	Mar 24, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
057983116	Germany	Issued	26-Sep-05	1805826	Mar 24, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
057983116	United Kingdom	Issued	26-Sep-05	1805826	Mar 24, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
057983116	Netherlands	Issued	26-Sep-05	1805826	Mar 24, 2010	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES FOR ELECTROLUMINESCENT DEVICES	
11274918	United States of America	Issued	18-Nov-05	7321133	Jan 22, 2008	HETEROATOMIC REGIOREGULAR POLY (3-SUBSTITUTED) THIOPHENES AS THIN FILM CONDUCTORS IN DIODES WHICH ARE NOT LIGHT EMITTING OR PHOTOVOLTAIC	
11359271	United States of America	Issued	9-Feb-06	7589159	Aug 4, 2009	HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
1020077020585	Republic of Korea	Pending	9-Feb-06			HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	GRANT DATE	TITLE	DS ASSIGNED to Assignment table
1020137007223	Republic of Korea	Pending	21-Mar-13			HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
2007055192	Japan	Issued	9-Feb-08	4875548	Apr 20, 2012	HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
2097057839	Singapore	Issued	9-Feb-08	134607	Feb 20, 2010	HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
2006800075541	China	Pending	9-Feb-06			HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
P120060573	Malaysia	Issued	10-Feb-08	MY-140851-A	Jan 15, 2010	HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
067206005	European Patent Office	Pending	9-Feb-08			HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
085104614	Taiwan R.O.C.	Allowed	10-Feb-08			HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES	
1020077021182	Republic of Korea	Pending	18-Mar-06			COPOLYMERS OF SOLUBLE POLYTHIOPHENES WITH IMPROVED ELECTRONIC PERFORMANCE	
2008502030	Japan	Pending	18-Mar-06			COPOLYMERS OF SOLUBLE POLYTHIOPHENES WITH IMPROVED ELECTRONIC PERFORMANCE	
11480024	United States of America	Issued	31-Jul-06	7888427	Feb 15, 2011	SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
1020087002651	Republic of Korea	Pending	31-Jul-06			SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
2508525080	Japan	Pending	31-Jul-06			SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
2508032099	Singapore	Issued	31-Jul-06	139023	Oct 29, 2010	SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
200680038282X	China	Pending	31-Jul-06			SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
P120063884	Malaysia	Pending	31-Jul-06			SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
091003632	Hong Kong	Pending	14-Jan-09			SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
095128153	Taiwan R.O.C.	Pending	1-Aug-08			SOLVENT SUPPRESSED DOPING OF REGIOREGULAR POLYTHIOPHENE (LATENT DOPING)	
12151546	United States of America	Pending	18-Jan-07			ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
1020087017824	Republic of Korea	Pending	18-Jan-07			ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
2008551361	Japan	Pending	18-Jan-07			ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
2008950114	Singapore	Issued	18-Jan-07	144296	Mar 31, 2011	ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
2007800024984	China	Issued	18-Jan-07	ZL200780002498.4	Nov 16, 2011	ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
P120082682	Malaysia	Pending	18-Jan-07			ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
091048540	Hong Kong	Pending	21-May-09			ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
77160982	European Patent Office	Pending	18-Jan-07			ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
95102112	Taiwan R.O.C.	Pending	19-Jan-07			ELECTROSTATIC COATINGS AND ARTICLES COMPRISING POLYTHIOPHENES	
11828394	United States of America	Issued	13-Jul-07	8017241	Sep 13, 2011	SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESD DEVICES	
13209210	United States of America	Issued	12-Aug-11	8389804	Mar 19, 2013	SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESD DEVICES	
13768867	United States of America	Pending	15-Feb-13			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESD DEVICES	
2558181	Canada	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESD DEVICES	
1020087003478	Republic of Korea	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESD DEVICES	
2008520771	Japan	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESD DEVICES	

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	GRANT DATE	TITLE	CG ASSIGNEE or Assignee's status
2009004011	Singapore	Issued	13-Jul-07	149470	Aug 15, 2011	SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
2007800347248	China	Pending	13-Jul-07	200780034724.8		SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
P120090255	Malaysia	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
196622	Israel	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
910KOLNP2009	India	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
101008268	Hong Kong	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
078787221	European Patent Office	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
EP1200518872192	European Patent Office	Pending	13-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
096128688	Taiwan R.O.C.	Pending	20-Jul-07			SULFONATION OF CONDUCTING POLYMERS AND OLED PHOTOVOLTAIC AND ESS DEVICES	
11743587	United States of America	Issued	2-May-07	8217260	Jul 10, 2012	ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
12040776	United States of America	Pending	29-Feb-08			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
13526414	United States of America	Pending	18-Jun-12			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
13880187	United States of America	Pending	10-Apr-13			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
2655136	Canada	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
1020097000587	Republic of Korea	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
2009515390	Japan	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
2008080573	Singapore	Issued	2-May-07	148486	Dec 30, 2011	ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
2007800301577	China	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
CN2012105682101	China	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
P120085053	Malaysia	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
195846	Israel	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
5094KOLNP2008	India	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
101023704	Hong Kong	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
078357407	European Patent Office	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
120028182	European Patent Office	Pending	2-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
096116808	Taiwan R.O.C.	Pending	11-May-07			ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF	Nano-C, Inc
12340547	United States of America	Pending	19-Dec-08			OPVS COMPRISING FULLERENES AND DERIVATIVES THEREOF AND IMPROVED METHODS OF MAKING ...	Nano-C, Inc
1020107013642	Republic of Korea	Pending	19-Dec-08			OPVS COMPRISING FULLERENES AND DERIVATIVES THEREOF AND IMPROVED METHODS OF MAKING ...	Nano-C, Inc

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	GRANT DATE	TITLE	26 ASSIGNEE or Assignee Status
2010539014	Japan	Pending	19-Dec-08			OPVS COMPRISING FULLERENES AND DERIVATIVES THEREOF AND IMPROVED METHODS OF MAKING	Hano-C, Inc
088864863	European Patent Office	Pending	19-Dec-08			OPVS COMPRISING FULLERENES AND DERIVATIVES THEREOF AND IMPROVED METHODS OF MAKING	Hano-C, Inc
087149865	Taiwan R.O.C.	Pending	19-Dec-08			OPVS COMPRISING FULLERENES AND DERIVATIVES THEREOF AND IMPROVED METHODS OF MAKING	Hano-C, Inc
1020097020328	Republic of Korea	Pending	30-Apr-08			SOLVENT BLENDS IN ACTIVE LAYER CONDUCTING POLYMER TECHNOLOGY FOR PRINTED ELECTRONIC DEVICES	
12193180	United States of America	Issued	14-May-08	7838624	Nov 23, 2010	MIXED HALOGEN POLYMERIZATION	
1020097024178	Republic of Korea	Pending	21-May-08			PORPHYRIN AND CONDUCTIVE POLYMER COMPOSITIONS FOR USE IN SOLID-STATE ELECTRONIC DEVICES	
087568777	European Patent Office	Pending	21-May-08			PORPHYRIN AND CONDUCTIVE POLYMER COMPOSITIONS FOR USE IN SOLID-STATE ELECTRONIC DEVICES	
12371556	United States of America	Pending	13-Feb-09			NOVEL COMPOSITIONS, METHODS, AND POLYMERS	
1020107019208	Republic of Korea	Pending	13-Feb-09			NOVEL COMPOSITIONS, METHODS, AND POLYMERS	
2010546943	Japan	Pending	13-Feb-09			NOVEL COMPOSITIONS, METHODS, AND POLYMERS	
087095202	European Patent Office	Pending	13-Feb-09			NOVEL COMPOSITIONS, METHODS, AND POLYMERS	
12395327	United States of America	Issued	27-Feb-09	8187501	May 29, 2012	PLANARIZING AGENTS AND DEVICES	
13456125	United States of America	Pending	25-Apr-12			PLANARIZING AGENTS AND DEVICES	
1020107021505	Republic of Korea	Pending	5-Mar-09			PLANARIZING AGENTS AND DEVICES	
2010548920	Japan	Pending	27-Feb-09			PLANARIZING AGENTS AND DEVICES	
097174775	European Patent Office	Issued	27-Feb-09	2250207	Jan 4, 2012	PLANARIZING AGENTS AND DEVICES	
097174775	Belgium	Issued	27-Feb-09	2250207	Jan 4, 2012	PLANARIZING AGENTS AND DEVICES	
097174775	France	Issued	27-Feb-09	2250207	Jan 4, 2012	PLANARIZING AGENTS AND DEVICES	
097174775	Germany	Issued	27-Feb-09	802009004559.3	Jan 4, 2012	PLANARIZING AGENTS AND DEVICES	
097174775	United Kingdom	Issued	27-Feb-09	2250207	Jan 4, 2012	PLANARIZING AGENTS AND DEVICES	
097174775	Netherlands	Issued	27-Feb-09	2250207	Jan 4, 2012	PLANARIZING AGENTS AND DEVICES	
12399006	United States of America	Pending	5-Mar-09			MODIFIED PLANARIZING AGENTS	
1020107021700	Republic of Korea	Pending	5-Mar-09			MODIFIED PLANARIZING AGENTS	
2010548999	Japan	Pending	5-Mar-09			MODIFIED PLANARIZING AGENTS	
097170062	European Patent Office	Pending	5-Mar-09			MODIFIED PLANARIZING AGENTS	
12422159	United States of America	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	
2720894	Canada	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	
1020107024707	Republic of Korea	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	
2011504213	Japan	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	
2016072551	Singapore	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	
2099501211505	China	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	
P12010004662	Malaysia	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	
208569	Israel	Pending	10-Apr-09			DOPED CONJUGATED POLYMERS DEVICES AND METHODS OF MAKING THE SAME	

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	GRANT DATE	TITLE	CO-ASSIGNEE or ASSIGNEE status
12006102	United States of America	Pending	26-Oct-09			POLYARYLAMINE KETONES AND ITS APPLICATIONS IN OPTOELECTRONICS DEVICES	
1020117009489	Republic of Korea	Pending	26-Oct-09			POLYARYLAMINE KETONES AND ITS APPLICATIONS IN OPTOELECTRONICS DEVICES	
2011533416	Japan	Pending	26-Oct-09			POLYARYLAMINE KETONES AND ITS APPLICATIONS IN OPTOELECTRONICS DEVICES	
097525700	European Patent Office	Pending	26-Oct-09			POLYARYLAMINE KETONES AND ITS APPLICATIONS IN OPTOELECTRONICS DEVICES	
12020614	United States of America	Issued	17-Nov-09	8283002	Oct 9, 2012	AMINO BENZENE COMPOSITIONS	
13022732	United States of America	Pending	18-Sep-12			AMINO BENZENE COMPOSITIONS	
1020117010677	Republic of Korea	Pending	17-Nov-09			AMINO BENZENE COMPOSITIONS	
2011538609	Japan	Pending	17-Nov-09			AMINO BENZENE COMPOSITIONS	
097841245	European Patent Office	Pending	17-Nov-09			AMINO BENZENE COMPOSITIONS	
12591509	United States of America	Pending	20-Nov-09			DOPED INTERFACIAL MODIFICATION LAYERS FOR STABILITY ENHANCEMENT FOR BULK HETERO JUNCTION ORGANIC SOLAR CELLS	
12052359	United States of America	Pending	5-Jan-10			OLED FOR TREATING JAUNDICE	
1020117017880	Republic of Korea	Pending	29-Jul-11			OLED FOR TREATING JAUNDICE	
2011544657	Japan	Pending	5-Jan-10			OLED FOR TREATING JAUNDICE	
107208435	European Patent Office	Pending	5-Jan-10			OLED FOR TREATING JAUNDICE	
13285523	United States of America	Pending	30-Apr-10			REPLACING AQUEOUS WITH NON-AQUEOUS SOLVENT	
1020117028618	Republic of Korea	Pending	30-Apr-10			REPLACING AQUEOUS WITH NON-AQUEOUS SOLVENT	
2012508778	Japan	Pending	30-Apr-10			REPLACING AQUEOUS WITH NON-AQUEOUS SOLVENT	
107198319	European Patent Office	Pending	30-Apr-10			REPLACING AQUEOUS WITH NON-AQUEOUS SOLVENT	
12757814	United States of America	Pending	9-Apr-10			DEHALOGENATION	
1020117020801	Republic of Korea	Pending	9-Apr-10			DEHALOGENATION	
2012504899	Japan	Pending	9-Apr-10			DEHALOGENATION	
107141418	European Patent Office	Pending	9-Apr-10			DEHALOGENATION	
12890493	United States of America	Issued	24-Sep-10	8431925	Apr 30, 2013	ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
13852930	United States of America	Pending	28-Mar-13			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
1020127010175	Republic of Korea	Pending	24-Sep-10			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
2012532215	Japan	Pending	24-Sep-10			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
2012021908	Singapore	Pending	24-Sep-10			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
201080633970	China	Pending	24-Sep-10			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
121094298	Hong Kong	Pending	25-Sep-12			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
107712341	European Patent Office	Pending	24-Sep-10			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.
099132713	Taiwan R.O.C.	Pending	27-Sep-10			ORGANIC ELECTRONIC DEVICES, COMPOSITIONS, AND METHODS	Cambios Technologies Corp.

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	GRANT DATE	TITLE	DO ASSIGNOR'S Assignment Status
12828121	United States of America	Issued	30-Jun-10	8445785	May 14, 2013	NOVEL DONOR-ACCEPTOR COMPOSITIONS, METHODS, AND POLYMERS	
1020127002267	Republic of Korea	Pending	30-Jun-10			NOVEL DONOR-ACCEPTOR COMPOSITIONS, METHODS, AND POLYMERS	
2012516500	Japan	Pending	30-Jun-10			NOVEL DONOR-ACCEPTOR COMPOSITIONS, METHODS, AND POLYMERS	
107300170	European Patent Office	Pending	30-Jun-10			NOVEL DONOR-ACCEPTOR COMPOSITIONS, METHODS, AND POLYMERS	
13510213	United States of America	Pending	17-Dec-10			COPOLYMERS OF 3,4-DIALKOXYTHIOPHENES AND METHODS FOR MAKING AND DEVICES	
1020127017874	Republic of Korea	Pending	17-Dec-10			COPOLYMERS OF 3,4-DIALKOXYTHIOPHENES AND METHODS FOR MAKING AND DEVICES	
2012544894	Japan	Pending	17-Dec-10			COPOLYMERS OF 3,4-DIALKOXYTHIOPHENES AND METHODS FOR MAKING AND DEVICES	
EP107062573	European Patent Office	Pending	17-Dec-10			COPOLYMERS OF 3,4-DIALKOXYTHIOPHENES AND METHODS FOR MAKING AND DEVICES	
12643416	United States of America	Allowed	18-Aug-09			USER CONFIGURABLE MOSAIC LIGHT EMITTING APPARATUS	
088127797	Taiwan R.O.C.	Pending	18-Aug-09			USER CONFIGURABLE MOSAIC LIGHT EMITTING APPARATUS	
12874137	United States of America	Pending	1-Sep-10			ORGANIC ELECTRONIC DEVICES AND POLYMERS, INCLUDING PHOTOVOLTAIC CELLS AND DIKETOPYRROLE-BASED POLYMERS	
1020127007300	Republic of Korea	Pending	1-Sep-10			ORGANIC ELECTRONIC DEVICES AND POLYMERS, INCLUDING PHOTOVOLTAIC CELLS AND DIKETOPYRROLE-BASED POLYMERS	
2012525015	Japan	Pending	1-Sep-10			ORGANIC ELECTRONIC DEVICES AND POLYMERS, INCLUDING PHOTOVOLTAIC CELLS AND DIKETOPYRROLE-BASED POLYMERS	
107540184	European Patent Office	Pending	1-Sep-10			ORGANIC ELECTRONIC DEVICES AND POLYMERS, INCLUDING PHOTOVOLTAIC CELLS AND DIKETOPYRROLE-BASED POLYMERS	
12874183	United States of America	Pending	1-Sep-10			ORGANIC PHOTOVOLTAIC CELLS WITH DIOXOPYRROLO-BASED POLYMERS	
1020127007997	Republic of Korea	Pending	1-Sep-10			ORGANIC PHOTOVOLTAIC CELLS WITH DIOXOPYRROLO-BASED POLYMERS	
2012525014	Japan	Pending	1-Sep-10			ORGANIC PHOTOVOLTAIC CELLS WITH DIOXOPYRROLO-BASED POLYMERS	
2010800490310	China	Pending	1-Sep-10			ORGANIC PHOTOVOLTAIC CELLS WITH DIOXOPYRROLO-BASED POLYMERS	
107543845	European Patent Office	Pending	1-Sep-10			ORGANIC PHOTOVOLTAIC CELLS WITH DIOXOPYRROLO-BASED POLYMERS	
099129943	Taiwan R.O.C.	Pending	3-Sep-10			ORGANIC PHOTOVOLTAIC CELLS WITH DIOXOPYRROLO-BASED POLYMERS	
13539134	United States of America	Pending	29-Jun-12			BLOOMING HOLE TRANSPORT LAYER	
PCTUS20110693300	PCT	Pending	5-Dec-11			INKS FOR SOLAR CELL INVERTED STRUCTURES	
13104598	United States of America	Pending	10-May-11			DOPING CONJUGATED POLYMERS AND DEVICES	
1020127031717	Republic of Korea	Pending	10-May-11			DOPING CONJUGATED POLYMERS AND DEVICES	
2013510236	Japan	Pending	10-May-11			DOPING CONJUGATED POLYMERS AND DEVICES	
2011800225608	China	Pending	10-May-11			DOPING CONJUGATED POLYMERS AND DEVICES	
117205888	European Patent Office	Pending	10-May-11			DOPING CONJUGATED POLYMERS AND DEVICES	
100196358	Taiwan R.O.C.	Pending	10-May-11			DOPING CONJUGATED POLYMERS AND DEVICES	
13281023	United States of America	Pending	25-Oct-11			ORGANIC ELECTRONIC DEVICES, INCLUDING ORGANIC PHOTOVOLTAIC DEVICES, POLYMERS AND MONOMERS	

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	GRANT DATE	TITLE	R.O. ASSIGNMENT or Assignment status
PCTUS1157882	PCT	Pending	25-Oct-11			ORGANIC ELECTRONIC DEVICES, INCLUDING ORGANIC PHOTOVOLTAIC DEVICES, POLYMERS AND MONOMERS	
117822866	European Patent Office	Pending	25-Oct-11			ORGANIC ELECTRONIC DEVICES, INCLUDING ORGANIC PHOTOVOLTAIC DEVICES, POLYMERS AND MONOMERS	
13175716	United States of America	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
13175714	United States of America	Allowed	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
13888824	United States of America	Pending	23-Apr-13			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
PCTUS2011042861	PCT	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
1020137001889	Republic of Korea	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
1020137001890	Republic of Korea	Pending	24-Jan-13			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
base PCTUS2011042865	Japan	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
base PCTUS11042851	Japan	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
2511890301520	China	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
base PCTUS2011042881	China	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
117433912	European Patent Office	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
117433904	European Patent Office	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
100123482	Taiwan R.O.C.	Pending	1-Jul-11			SOLUTION-PROCESSIBLE HOLE TRANSPORT MATERIALS	
13029027	United States of America	Pending	14-Dec-11			FLUORO MONOMERS, OLIGOMERS, AND POLYMERS FOR INKS AND ORGANIC DEVICES	
PCTUS1164907	PCT	Pending	14-Dec-11			FLUORO MONOMERS, OLIGOMERS, AND POLYMERS FOR INKS AND ORGANIC DEVICES	
61655419	United States of America	Pending	4-Jun-12			IMPROVED DOPING METHODS FOR HOLE INJECTION TRANSPORT	
61655419	United States of America	Pending	3-Oct-12			IMPROVED DOPING METHODS FOR HOLE INJECTION TRANSPORT	
PCTUS2012000443	PCT	Pending	3-Oct-12			IMPROVED DOPING METHODS FOR HOLE INJECTION TRANSPORT	
101136583	Taiwan R.O.C.	Pending	3-Oct-12			IMPROVED DOPING METHODS FOR HOLE INJECTION TRANSPORT	
13655561	United States of America	Pending	19-Oct-12			SYNTHESIS OF CONJUGATED POLYMERS VIA OXIDATIVE DEHYDROGENATIVE DIRECT COUPLING	
PCTUS1281178	PCT	Pending	19-Oct-12			SYNTHESIS OF CONJUGATED POLYMERS VIA OXIDATIVE DEHYDROGENATIVE DIRECT COUPLING	
13894412	United States of America	Pending	14-May-13			HOLE TRANSPORT MATERIALS INCLUDING OLED APPLICATIONS	
PCTUS1341033	PCT	Pending	14-May-13			HOLE TRANSPORT MATERIALS INCLUDING OLED APPLICATIONS	
61697738	United States of America	Pending	6-Sep-12			ELECTROLUMINESCENT DEVICES COMPRISING INSULATOR-FREE METAL GRIDS	
JPA2010248487	JP	Pending	16-Mar-10			ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR PRODUCTION OF ELECTROCONDUCTIVE COATING FILM	03/27/2015 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
699108270	TV	Pending	22-Mar-10			ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR PRODUCTION OF ELECTROCONDUCTIVE COATING FILM	03/27/2015 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
201090013023.6	China	Pending	19-Mar-10			ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR PRODUCTION OF ELECTROCONDUCTIVE COATING FILM	03/27/2015 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE

APPLICATION NUMBER	COUNTRY	STATUS	APPLN DATE	PATENT NUMBER	GRANT DATE	TITLE	DO-66553REF. or Assignment Date
201108616-6	Singapore	Pending	19-Mar-10			ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR PRODUCTION OF ELECTROCONDUCTIVE COATING FILM	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
US131259117	USA	Pending	19-Mar-10			ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR PRODUCTION OF ELECTROCONDUCTIVE COATING FILM	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
2011-7824875	Korea	Pending	19-Mar-10			ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR PRODUCTION OF ELECTROCONDUCTIVE COATING FILM	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
20100755997	EPC	Pending	19-Mar-10			ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR PRODUCTION OF ELECTROCONDUCTIVE COATING FILM	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
099109202	Taiwan	Pending	29-Mar-10			BINDER FOR POSITIVE ELECTRODE OF LITHIUM ION SECONDARY BATTERY AND POSITIVE ELECTRODE MATERIAL	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
JP2010088510	JP	Pending	25-Mar-10			BINDER FOR POSITIVE ELECTRODE OF LITHIUM ION SECONDARY BATTERY AND POSITIVE ELECTRODE MATERIAL	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
100137284	TW	Pending	14-Jan-11			Conductive composition and method for producing conductive coating film	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
PCT/JF2012/050484	PCT	Pending	12-Jan-12			ADDITIVE FOR POSITIVE ELECTRODES OF LITHIUM SECONDARY BATTERIES, AND POSITIVE ELECTRODE FOR LITHIUM SECONDARY BATTERIES	03/27/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS COMPLETE
JP2011-121549	JP	Pending	24-May-12			導体電解コレーション用導電性高分子 (Conductive Polymer for PolyCap)	04/26/2013 ASSIGNMENT FROM SANYO TO PLEXTRONICS