#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2629561

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GREENE, TWEED IP, INC.	11/18/2013

#### **RECEIVING PARTY DATA**

Name:	DELSPER LP
Street Address:	1510 GEHMAN ROAD
City:	KULPSVILLE
State/Country:	PENNSYLVANIA
Postal Code:	19443

#### PROPERTY NUMBERS Total: 9

Property Type	Number
Patent Number:	5658994
Patent Number:	5874516
Patent Number:	6060170
Patent Number:	6716955
Patent Number:	7189795
Patent Number:	7179878
Patent Number:	7919825
Patent Number:	8502401
PCT Number:	US2009053250

#### **CORRESPONDENCE DATA**

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PATENT

502583482 REEL: 031679 FRAME: 0008

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ATTORNEY DOCKET NUMBER:	G0623.0001					
NAME OF SUBMITTER:	LYNDA L. CALDERONE					
Signature:	/Lynda L. Calderone/					
Date:	11/26/2013					
Total Attachments: 9 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif						

#### **ASSIGNMENT**

WHEREAS, Greene, Tweed IP, Inc., a Delaware corporation, having a post office address of 1105 North Market Street, Suite 1300, Wilmington, Delaware 19801, hereinafter generally referred to as "ASSIGNOR," is the owner of certain new and useful inventions for which U.S. patent applications have been filed and/or Letters Patents have issued as set forth on Schedule A attached hereto.

WHEREAS, **Delsper LP**, a Pennsylvania corporation, having a place of business at 1510 Gehman Road, Kulpsville, Pennsylvania 19443, hereinafter generally referred to as "**ASSIGNEE**," is desirous of acquiring said inventions and U.S. patent applications and/or Letters Patents as set forth on Schedule A.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, Greene, Tweed IP, Inc., the undersigned ASSIGNOR, hereby agrees to sell, assign, transfer and convey and by these presents does sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said inventions and U.S. patent applications and/or Letters Patents as described above and as set forth in Schedule A, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above U.S. patent applications and/or Letters Patents and all United States and foreign patent applications and patents which may be granted on said inventions or on any of such U.S. patent applications, including provisionals, non-provisionals, divisionals, continuations, continuations-in-part, reissues, reexamination certificates and extensions;

and together with all claims for damages by reason of past infringement of said patent applications and/or Letters Patents with the right to sue for and collect the same for its own use and behalf or for the use and behalf of its legal representatives;

said inventions and U.S. patent applications and/or Letters Patents to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behalf, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patents have been granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the U.S. patent applications and/or Letters Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

18 Nov 2013  Date	GREENE, TWEED-IP, INC.  Signature Michael Delfiner
10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	Typed or Printed Name Director
2 Corporate Seal	Title
NOT	ARY ACKNOWLEDGMENT
STATE OF <u>PENNSYLVANI</u> COUNTY OF <u>MONTO-OMER</u>	<u>A</u> : : : : : : : : : : : : : : : : : : :
of <u>GREENE</u> , TWEEN IP, IN foregoing ASSIGNMENT is the cowas signed and sealed on behalf of	A Notary Public in and for the county aforesaid, on this 2013, personally appeared MICHAEL DELFINER  OC., who averred that the seal affixed to the orporate seal of said corporation, and that said ASSIGNMENT said corporation by authority of its Board of Directors, and acknowledged said ASSIGNMENT to be the free act and
	Notary Public

NOTARIAL SEAL STACEY REED Notary Public TOWAMENCIN TWP., MONTGOMERY CNTY. My Commission Expires Dec 1, 2015

My Commission Expires:

Appln. No.	Filing Date	Country or Region	Title	Status	Patent or Publ. Number <sup>i</sup>	Grant or Publ. Date
08/502,511	07/13/95	ÜS	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Issued	5,658,994	08/19/97
96305114.9	07/11/96	EP	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Granted	0 758 664 B1	10/18/00
96305114.9	07/11/96	FR	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Granted	0 758 664 B1	10/18/00
96305114.9	07/11/96	GB	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Granted	0 758 664 B1	10/18/00
96305114.9	07/11/96	DE	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Granted	69610674.4- 08	10/18/00
08-184973	07/15/96	JР	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Granted	02-933124	05/28/99
96-27709	07/10/96	KR	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Granted	215325	05/24/99
96305149.9	07/11/96	NL	Nonfunctionalized Poly(Arylene Ether) Dielectrics	Granted	0 758 664 B1	10/18/00
08/502508	07/13/95	US	Nonfunctionalized Poly(arylene ethers)	Granted	5,874,516	02/23/99
96305118.0	07/11/96	EP	Nonfunctionalized poly(arylene ethers)	Granted	0 755 957 B1	05/06/99
96305118.0	07/11/96	GB	Nonfunctionalized poly(arylene ethers)	Granted	0 755 957 B1	05/06/99
96305118.0	07/11/96	DE	Nonfunctionalized poly(arylene ethers)	Granted	69602318.0- 08	05/06/99
08-184980	07/15/96	JP	Nonfunctionalized poly(arylene ethers)	Granted	02-933125	05/28/99

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Appln. No.	Filing Date	Country or Region	Title	Status	Patent or Publ. Number <sup>i</sup>	Grant or Publ. Date
96-27710	07/10/96	KR	Nonfunctionalized poly(arylene ethers)	Granted	215326	05/24/99
96305118.0	07/11/96	NL	Nonfunctionalized poly(arylene ethers)	Granted	0 755 957 B1	05/06/09
85105540	05/10/96	TW	Nonfunctionalized poly(arylene ethers)	Granted	97554	10/11/98
09/030,039	02/25/98	US	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	6,060,170	05/09/00
99102777.2	02/23/99	EP	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	0 939 096 B1	11/26/03
02026960.1	12/04/02	EP	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	1 291 375 B1	07/30/04
99102777.2	02/23/99	GB	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	0 939 096 B1	11/26/03
02026960.1	11/04/02	GB	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	1 291 375 B1	07/30/04
99102777.2	02/23/99	DE	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	69913011.5	11/26/03
99102777.2	02/23/99	DE	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	69918473.8- 08	07/30/04
99104913.8	11/01/99	НК	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	1019758	03/05/04
128622	02/19/99	IL	Functional Groups For Thermal	Granted	128622	12/01/05

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Appln. No.	Filing Date	Country or Region	Title	Status	Patent or Publ. Number <sup>i</sup>	Grant or Publ. Date
			Crosslinking Of Polymeric Systems			
11-045839	02/24/99	JР	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	03-092104	07/28/00
10-1999-0006050	02/24/99	KR	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	0302690	07/05/01
10-2001-0002778	02/24/99	KR	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	0433723	05/20/04
10-2001-0002779	02/24/99	KR	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	04333722	05/20/04
99102777.2	02/23/99	NL	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	0 939 096 B1	11/26/03
02026960.1	12/04/02	NL	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	1 291 375 B1	07/30/04
88102497	02/20/99	TW	Functional Groups For Thermal Crosslinking Of Polymeric Systems	Granted	173317	07/04/03
10/046,615	01/14/02	US	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	6,716,955	04/06/04

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Appln. No.	Filing Date	Country or Region	Title	Status	Patent or Publ. Number <sup>i</sup>	Grant or Publ. Date
03000077.2	01/08/03	EP	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	1 327 652 B1	12/27/06
03000077.2	01/08/03	FR	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	1 327 652 B1	12/27/06
03000077.2	01/08/03	GB	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	1 327 652 B1	12/27/06
03000077.2	01/08/03	DE	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	60310618.8	12/27/06

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Appln. No.	Filing Date	Country or Region	Title	Status	Patent or Publ, Number <sup>i</sup>	Grant or Publ. Date
03000077.2	01/08/03	IT	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	1 327 652 B1	12/27/06
03000077.2	01/08/03	NL	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	1 327 652 B1	12/27/06
92100439	01/09/03	TW	Poly(Arylene Ether) Polymer With Low Temperature Crosslinking Grafts And Adhesive Comprising The Same	Granted	299739	08/11/08
10/621,022	07/16/03	US	Poly(Arylene Ether)s Bearing Grafted Hydroxyalkyls For Use In Electrically Conductive Adhesives	Granted	7,189,795	03/13/07
10/978,542	11/01/04	US	Poly(Arylene Ether) Polymer With Low Temperature Or UV Crosslinking Grafts And Dielectric Comprising The Same	Granted	7,179,878	02/20/07

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Appln. No.	Filing Date	Country or Region	Title	Status	Patent or Publ. Number <sup>i</sup>	Grant or Publ. Date
11/752,722	05/23/07	US	Thin Film Transistors With Poly(Arylene Ether) Polymers As Gate Dielectrics And Passivation Layers	Granted	7,919,825	04/05/11
2007-147136	06/01/07	JP	Thin Film Transistors With Poly(Arylene Ether) Polymers As Gate Dielectrics And Passivation Layers	Granted	04-746009	05/20/11
10-2007-53839	06/01/07	KR	Thin Film Transistors With Poly(Arylene Ether) Polymers As Gate Dielectrics And Passivation Layers	Granted	10-0882996	02/03/09
PI20070877	06/01/07	MY	Thin Film Transistors With Poly(Arylene Ether) Polymers As Gate Dielectrics And Passivation Layers	Granted	144168	08/15/11
200703965-4	06/01/07	SG	Thin Film Transistors With Poly(Arylene Ether) Polymers As Gate Dielectrics And Passivation Layers	Granted	137832	04/15/10
96119830	06/01/07	TW	Thin Film Transistors With Poly(Arylene Ether) Polymers As Gate Dielectrics And Passivation Layers	Granted	367384	07/01/12

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Appln. No.	Filing Date	Country or Region	Title	Status	Patent or Publ. Number	Grant or Publ. Date
13/058,688	08/10/09	US	Polymeric Compositions Comprising Per(Phenylethynyl) Arene Derivatives	Granted	8,502,401	08/06/13
2,733,682	08/10/09	CA	Polymeric Compositions Comprising Per(Phenylethynyl) Arene Derivatives	Pending	2,733,682 A	02/18/10
09791323.0	08/10/09	EP	Polymeric Compositions Comprising Per(Phenylethynyl) Arene Derivatives	Pending	2 313 465 A	04/27/11
2011-523062	08/10/09	JP	Polymeric Compositions Comprising Per(Phenylethynyl) Arene Derivatives	Granted	05-270758	05/17/13
10-2011-7005723	08/10/09	KR	Polymeric Compositions Comprising Per(Phenylethynyl) Arene Derivatives	Granted	10-1262151	05/02/13
PCT/US2009/053250	08/10/09	WO	Polymeric Compositions Comprising Per(Phenylethynyl) Arene Derivatives	Expired	WO2010/ 019488 A1	02/18/10
201100939-6	08/10/09	SG	Polymeric Compositions Comprising Per(Phenylethynyl) Arene Derivatives	Granted	168869	09/30/13

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PATENT REEL: 031679 FRAME: 0018

**RECORDED: 11/26/2013**