

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	<b>NEW ASSIGNMENT</b>
<b>NATURE OF CONVEYANCE:</b>	<b>SECURITY AGREEMENT</b>
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Pittsburgh Glass Works, LLC	04/15/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Deutsche Bank Trust Company Americas
<b>Street Address:</b>	100 Plaza One
<b>City:</b>	Jersey City
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07311
<b>PROPERTY NUMBERS Total: 47</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12910343
Application Number:	12910357
Application Number:	11427123
Application Number:	12877562
Application Number:	08769913
Application Number:	09094805
Application Number:	09780888
Application Number:	10308670
Application Number:	10963172
Application Number:	11503615
Application Number:	11516769
Application Number:	10201864
Application Number:	10652143
Application Number:	10652405
Application Number:	10767915

OP \$1880.00 12910343

Application Number:	11427132
Application Number:	11486789
Application Number:	11486790
Application Number:	11486918
Application Number:	08785639
Application Number:	08813745
Application Number:	08573626
Application Number:	08763585
Application Number:	08769359
Application Number:	08783596
Application Number:	09084143
Application Number:	08876872
Application Number:	08928786
Application Number:	10219847
Application Number:	09130564
Application Number:	09400782
Application Number:	09209111
Application Number:	09512852
Application Number:	10190971
Application Number:	10931755
Application Number:	11247501
Application Number:	10662733
Application Number:	11638961
Application Number:	10895758
Application Number:	11063315
Application Number:	11486919
Application Number:	11602578
Application Number:	07140527
Application Number:	07733785
Application Number:	08150892
Application Number:	08270337
Application Number:	07908149

**CORRESPONDENCE DATA**

Fax Number: (800)494-7512

**PATENT**  
**REEL: 026213 FRAME: 0358**

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

Phone: 202-370-4761  
Email: ecallahan@nationalcorp.com  
Correspondent Name: Elspeth Callahan  
Address Line 1: 1100 G St NW Suite 420  
Address Line 2: National Corporate Research  
Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:

F133326

NAME OF SUBMITTER:

Courtney J. Mitchell

**Total Attachments: 53**

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PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT, dated as of April 15, 2011, 2011, is made by each entity on the signature pages hereof (each a “Grantor” and collectively, the “Grantors”), in favor of Deutsche Bank Trust Company Americas, as Notes Collateral Agent under the Indenture described below (in such capacity, together with its successors and permitted assigns, the “Notes Collateral Agent”).

WITNESSETH:

WHEREAS, pursuant to the Indenture, dated as of April 15, 2011, 2011 (as amended, restated, supplemented or otherwise modified from time to time, the “Indenture”), by and among Pittsburgh Glass Works, LLC, a Delaware limited liability company (the “Company”), the Guarantors from time to time party thereto, Deutsche Bank Trust Company Americas, as trustee and as the Notes Collateral Agent, the Company has issued, or will issue certain senior secured notes (the “Notes”) and the Guarantors have agreed to guarantee the Obligations (as defined in the Indenture) under the Notes and the Indenture;

WHEREAS, all of the Grantors are party to the Security Agreement dated as of April 15, 2011, 2011, in favor of the Notes Collateral Agent (as amended, restated, supplemented or otherwise modified from time to time, the “Security Agreement”) pursuant to which the Grantors are required to execute and deliver this Patent Security Agreement.

NOW, THEREFORE, in consideration of these premises, each Grantor hereby agrees with the Notes Collateral Agent as follows:

Section 1. *Defined Terms.* Capitalized terms used herein without definition are used as defined in the Security Agreement.

Section 2. *Grant of Security Interest in Patent Collateral.* Each Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations, hereby mortgages, pledges and hypothecates to the Notes Collateral Agent, for the benefit of the Secured Parties, and grants to the Notes Collateral Agent, for the benefit of the Secured Parties, a Lien on and security interest in, all of its right, title and interest in, to and under the following Collateral of such Grantor (the “Patent Collateral”):

(a) all of its Patents and all IP Licenses providing for the grant by or to such Grantor of any right under any Patent, including, without limitation, those referred to on Schedule 1 hereto;

(b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of the foregoing; and

(c) all income, royalties, proceeds and Liabilities at any time due or payable or asserted under and with respect to any of the foregoing, including, without limitation, all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof.

**Section 3. *Security Agreement.*** The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Notes Collateral Agent pursuant to the Security Agreement and each Grantor hereby acknowledges and agrees that the rights and remedies of the Notes Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

**Section 4. *Intercreditor Agreement.*** Notwithstanding anything herein to the contrary, all Liens granted to Notes Collateral Agent pursuant to this Patent Security Agreement or any other Note Document and the exercise of any right or remedy by Notes Collateral Agent in respect of the Pledged Collateral hereunder or under any other Notes Document are subject to the provisions of the Intercreditor Agreement. In the event of any conflict between the terms of the Intercreditor Agreement, this Patent Security Agreement and any other Notes Document, the terms of the Intercreditor Agreement shall govern and control in all respects, including, without limitation, with respect to any right or remedy.

**Section 5. *Grantor Remains Liable.*** Each Grantor hereby agrees that, anything herein to the contrary notwithstanding, such Grantor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with their Patents and IP Licenses subject to a security interest hereunder.

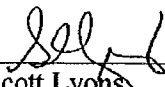
**Section 6. *Counterparts.*** This Patent Security Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

**Section 7. *Governing Law.*** This Patent Security Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

[Signature page follows]

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

PITTSBURGH GLASS WORKS, LLC,  
as a Grantor

By:  \_\_\_\_\_  
Name: Scott Lyons  
Title: Secretary and Chief Financial Officer

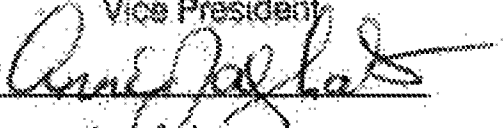
[SIGNATURE PAGE TO THE PATENT SECURITY AGREEMENT]

**PATENT**  
**REEL: 026213 FRAME: 0363**

**DEUTSCHE BANK TRUST COMPANY  
AMERICAS, as collateral agent for the Notes  
Secured Parties**

By: Deutsche Bank National Trust Company

By:   
Name: Wanda Camacho  
Title: Vice President

By:   
Name: Anne Jaghans  
Title: Vice President

[SIGNATURE PAGE TO THE PATENT SECURITY AGREEMENT]



SCHEDULE I  
to  
PATENT SECURITY AGREEMENT

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works, LLC	WINDOW ANTENNA (09-227)	United States of America	12/910,343	22-Oct-2010		
Pittsburgh Glass Works, LLC	WIDEBAND ANTENNA (09-228)	United States of America	12/910,357	22-Oct-2010		
Pittsburgh Glass Works, LLC	VEHICLE TRANSPARENCY (09-233 PCT/EP)	European Patent Convention	8747423.5	02-May-2008		
Pittsburgh Glass Works LLC	METHODS FOR APPLYING SOUND DAMPENING AND/OR AESTHETIC COATINGS AND ARTICLES MADE THEREBY (09-271 CIP)	United States of America	11/427,123	28-Jun-2006	7,658,967 B2	09-Feb-2010
Pittsburgh Glass Works LLC	DEVICES FOR SECURING PANELS OVER AN OPENING	United States of America	12/877,562	08-Sep-2010		

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
	(10-015 CONT)					
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Canada	2221044	12/03/1997	2221044	03/21/2000
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Germany	97122353.2	12/18/1997	69734760.5	11/30/2005
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	European Patent Convention	97122353.2	12/18/1997	0849977	11/30/2005
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	France	97122353.2	12/18/1997	0849977	11/30/2005
Pittsburgh Glass	ARRANGEMENT FOR HEATING THE WIPER REST	United	97122353.2	12/18/1997	0849977	11/30/2005

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Works LLC	AREA OF A VEHICLE WINDSHIELD	Kingdom				
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Italy	97122353.2	12/18/1997	48052BE/06	02/22/2006
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Mexico	9710183	12/16/1997	220191	04/28/2004
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Sweden	97122353.2	12/18/1997	0849977	11/30/2005
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	United States	08/769913	12/19/1996	5886321	03/23/1999

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Canada	2221044	12/03/1997	2221044	03/21/2000
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Germany	97122353.2	12/18/1997	69734760.5	11/30/2005
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	European Patent Convention	97122353.2	12/18/1997	0849977	11/30/2005
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	France	97122353.2	12/18/1997	0849977	11/30/2005
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE	United Kingdom	97122353.2	12/18/1997	0849977	11/30/2005

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
	WINDSHIELD					
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Italy	97122353.2	12/18/1997	48052BE/06	02/22/2006
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Mexico	9710183	12/16/1997	220191	04/28/2004
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	Sweden	97122353.2	12/18/1997	0849977	11/30/2005
Pittsburgh Glass Works LLC	ARRANGEMENT FOR HEATING THE WIPER REST AREA OF A VEHICLE WINDSHIELD	United States	08/769913	12/19/1996	5886321	03/23/1999
Pittsburgh Glass	ANTENNA ON-GLASS	Belgium	99939824.1	06/09/1999	1088364	08/23/2006

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Works LLC						
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	Brazil	PI9911854-8	06/09/1999		
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	Canada	2330326	06/09/1999	2330326	08/12/2003
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	China (People's Republic)	99807131.5	06/09/1999	99807131.5	05/26/2004
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	Germany	99939824.1	06/09/1999	69932930.2	08/23/2006
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	European Patent Convention	99939824.1	06/09/1999	1088364	08/23/2006
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	France	99939824.1	06/09/1999	1088364	08/23/2006

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	United Kingdom	99939824.1	06/09/1999	1088364	08/23/2006
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	Japan	2000-555320	06/09/1999		
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	Republic of Korea	2000-7014209	06/09/1999	626500	09/13/2006
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	Mexico	012110	06/09/1999	217709	11/19/2003
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	United States	09/094805	10/15/2001	6384790B2	05/07/2002
Pittsburgh Glass Works LLC	ANTENNA ON-GLASS	PCT	US99/13080	06/09/1999		
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	Belgium	01909076.0	02/09/2001	1266424	06/03/2009

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	Canada	2398368	02/09/2001	2398368	04/19/2005
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	Germany	01909076.0	02/09/2001	1266424	06/03/2009
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	European Patent Convention	01909076.0	02/09/2001	1266424	06/03/2009
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	France	01909076.0	02/09/2001	1266424	06/03/2009
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	United Kingdom	01909076.0	02/09/2001	1266424	06/03/2009
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	Italy	01909076.0	02/09/2001	27259BE/2009	08/28/2009
Pittsburgh Glass	VEHICLE ANTENNA	Japan	2001-559093	02/09/2001		



<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Works LLC						
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	Mexico	2002-007453	02/09/2001	222319	08/25/2005
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	United States	09/780888	02/09/2001	6448935B2	09/10/2002
Pittsburgh Glass Works LLC	VEHICLE ANTENNA	PCT	US01/04314	02/09/2001		
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Canada	2475300	02/28/2002	2475300	11/20/2007
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	China (People's Republic)	02828365.1	02/28/2002	ZL02828365.1	03/11/2009
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF	European Patent	02706473.2	02/28/2002		

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
	USE THEREOF	Convention				
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Japan	2003-572820	02/28/2002		
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Japan	2008-121319	02/28/2002		
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Korea	2004-7013314	02/28/2002		
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Mexico	2004-008291	02/28/2002	264022	01/21/2009
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	PCT	US02/06163	02/28/2002		

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Australia	2003293233	12/02/2003	2003293233	09/06/2007
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Canada	2509975	12/02/2003	2509975	02/09/2010
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	China (People's Republic)	20038010946 6.5	12/02/2003	ZL2003801 09466.5	03/18/2009
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	European Patent Convention	03790227.7	12/02/2003		
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Russian Federation	2005120737	12/02/2003		
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	Russian Federation	2008105902	12/02/2003	2369498	10/10/2009

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
	USE THEREOF					
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	United States	10/308670	12/03/2002	6802205B2	10/12/2004
Pittsburgh Glass Works LLC	MOISTURE DETECTION SYSTEM AND METHOD OF USE THEREOF	PCT	US03/38250	12/02/2003		
Pittsburgh Glass Works LLC	WINDSHIELD MOISTURE DETECTOR	China (People's Republic)	20058003463 8.6	10/11/2005		
Pittsburgh Glass Works LLC	WINDSHIELD MOISTURE DETECTOR	European Patent Convention	05810575.0	10/11/2005		
Pittsburgh Glass Works LLC	WINDSHIELD MOISTURE DETECTOR	Japan	2007-535902	10/11/2005		

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works LLC	WINDSHIELD MOISTURE DETECTOR	Republic of Korea	2007-7008184	10/11/2005	10-0884123	02/10/2009
Pittsburgh Glass Works LLC	WINDSHIELD MOISTURE DETECTOR	Mexico	2007-004221	10/11/2005		
Pittsburgh Glass Works LLC	WINDSHIELD MOISTURE DETECTOR	United States	10/963172	10/11/2004	7204130B2	04/17/2007
Pittsburgh Glass Works LLC	WINDSHIELD MOISTURE DETECTOR	PCT	US05/36486	10/11/2005		
Pittsburgh Glass Works LLC	MULTI-LAYER WINDSHIELD MOISTURE DETECTOR	United States	11/503615	08/14/2006	7263875B2	09/04/2007
Pittsburgh Glass Works LLC	TEMPERATURE COMPENSATED WINDSHIELD MOISTURE DETECTOR	United States	11/516769	09/06/2006	7296461B2	11/20/2007

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	Belgium	03765596.6	07/16/2003	1547443	09/09/2009
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	Canada	2491707	07/16/2003		
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	China (People's Republic)	03817604.1	07/16/2003	ZL03817604.1	12/02/2009
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING	Czech Republic	03765596.6	07/16/2003	1547443	01/27/2010

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
	AN ELECTRICALLY CONDUCTIVE MEMBER					
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	Germany	03765596.6	07/16/2003	60329199.6	09/09/2009
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	European Patent Convention	03765596.6	07/16/2003	1547443	09/09/2009
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	France	03765596.6	07/16/2003	1547443	09/09/2009

<u>Grantor</u>	<u>Invention Title</u>	<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Patent Number</u>	<u>Issue Date</u>
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	United Kingdom	03765596.6	07/16/2003	1547443	09/09/2009
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	Italy	03765596.6	07/16/2003	30597BE/2009	12/02/2009
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	Japan	2004-523439	07/16/2003		
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING	Mexico	2005-000939	07/16/2003	253503	01/16/2008



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	AN ELECTRICALLY CONDUCTIVE MEMBER					
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	Russian Federation	2005104952	07/16/2003	2292675	
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	Turkey	03765596.6	07/16/2003	TR2009081 03T4	10/26/2009
Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	United States	10/201864	07/24/2002	6791066B2	09/14/2004

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Pittsburgh Glass Works LLC	ELIMINATING HOT SPOTS AT END PORTIONS OF BUS BARS OF A HEATABLE TRANSPARENCY HAVING AN ELECTRICALLY CONDUCTIVE MEMBER	PCT	US03/22132	07/16/2003		
Pittsburgh Glass Works LLC	EDGE SEALING OF A LAMINATED TRANSPARENCY	Canada	2493166	07/16/2003	2493166	04/07/2009
Pittsburgh Glass Works LLC	EDGE SEALING OF A LAMINATED TRANSPARENCY	European Patent Convention	03765598.2	07/16/2003		
Pittsburgh Glass Works LLC	EDGE SEALING OF A LAMINATED TRANSPARENCY	Japan	2004-523441	07/16/2003		
Pittsburgh Glass Works LLC	EDGE SEALING OF A LAMINATED TRANSPARENCY	Mexico	2005-000938	07/16/2003	249008	09/12/2007

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Pittsburgh Glass Works LLC	EDGE SEALING OF A LAMINATED TRANSPARENCY	Russian Federation	2005104951	07/16/2003	2315021	01/20/2008
Pittsburgh Glass Works LLC	FLEXIBLE SURFACE MOLD AND METHOD OF USE	Canada	2536776	08/19/2004		
Pittsburgh Glass Works LLC	FLEXIBLE SURFACE MOLD AND METHOD OF USE	Czech Republic	PV06/105	08/19/2004		
Pittsburgh Glass Works LLC	FLEXIBLE SURFACE MOLD AND METHOD OF USE	Mexico	2006-002140	08/19/2004	266260	04/22/2009
Pittsburgh Glass Works LLC	FLEXIBLE SURFACE MOLD AND METHOD OF USE	Russian Federation	2006110044	08/19/2004	2317262	02/20/2008
Pittsburgh Glass Works LLC	FLEXIBLE SURFACE MOLD AND METHOD OF USE	United States	10/652143	08/29/2003	7237408B2	07/03/2007
Pittsburgh Glass	FLEXIBLE SURFACE MOLD	PCT	US04/27069	08/19/2004		

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Works LLC	AND METHOD OF USE					
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	Canada	2537237	08/19/2004	2537237	11/03/2009
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	China (People's Republic)	20048002476 3.4	08/19/2004		
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	Czech Republic	PV06/106	08/19/2004		
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	European Patent Convention	04781642.6	08/19/2004		
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	Japan	2006-524735	08/19/2004		

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Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	Republic of Korea	2006-7004091	08/19/2004	741196	07/12/2007
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	Mexico	2006-002135	08/19/2004	264028	01/21/2009
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	Russian Federation	2006110043	08/19/2004	2351477	04/10/2009
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	United States	10/652405	08/29/2003	7159756	01/09/2007
Pittsburgh Glass Works LLC	METHOD OF SOLDERING AND SOLDER COMPOSITIONS	PCT	US04/26994	08/19/2004		
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF	Canada	2603872	04/11/2005		

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	ONE OR MORE GLASS SHEETS					
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF ONE OR MORE GLASS SHEETS	China (People's Republic)	20058004944 3.9	04/11/2005		
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF ONE OR MORE GLASS SHEETS	European Patent Convention	05737524.8	04/11/2005		
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF ONE OR MORE GLASS SHEETS	Japan	2008-506423	04/11/2005		
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF ONE OR MORE GLASS SHEETS	Republic of Korea	2007-7023169	04/11/2005		

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	SHEETS					
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF ONE OR MORE GLASS SHEETS	Mexico	2007/012357	04/11/2005		
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF ONE OR MORE GLASS SHEETS	United States	10/767915	01/29/2004	7459199B2	12/02/2008
Pittsburgh Glass Works LLC	METHOD OF AND APPARATUS FOR STRENGTHENING EDGES OF ONE OR MORE GLASS SHEETS	PCT	US05/12426	04/11/2005		
Pittsburgh Glass Works LLC	METHODS FOR APPLYING SOUND DAMPENING AND/OR AESTHETIC COATINGS AND ARTICLES	United States	11/427123	06/28/2006	7658967	02/09/2010

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	MADE THEREBY					
Pittsburgh Glass Works LLC	METHODS FOR APPLYING SOUND DAMPENING ANY/OR AESTHETIC COATINGS AND ARTICLES MADE THEREBY	United States	11/427132	06/28/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	United Arab Emirates	250/2008	09/06/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	Canada	2620397	09/06/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING,	China (People's Republic)	20068003845 8.X	09/06/2006		



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	AND PANELS					
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	Algeria	US2006/34566	09/06/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	Egypt	367/2008	09/06/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	European Patent Convention	06802984.2	09/06/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING,	India	1988/DEL/08	09/06/2006		

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	AND PANELS					
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	Morocco	30799	09/06/2006	29842	10/03/2008
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	Mexico	2008-003223	09/06/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	Tunisia	SN08105	09/06/2006		
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING,	United States	11/486789	07/14/2006		

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	AND PANELS					
Pittsburgh Glass Works LLC	METHOD OF MOUNTING A PANEL OVER AN OPENING, DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS	PCT	US06/34566	09/06/2006		
Pittsburgh Glass Works LLC	DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS HAVING THE DEVICES	United States	11/486790	07/14/2006		
Pittsburgh Glass Works LLC	DEVICES FOR SECURING PANELS OVER AN OPENING, AND PANELS HAVING THE DEVICES	United States	11/486918	07/14/2006		
Pittsburgh Glass Works LLC	VEHICLE TRANSPARENCY	PCT	US08/62320	05/02/2008		
Pittsburgh Glass Works LLC	FRictional SUPPORT PAD AND UTILITY BELT	United States of America	08/785639	1/17/1997	5791538	8/11/1998

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Pittsburgh Glass Works LLC	ELEMENT FOR HEATING WIPER REST AREA OF A TRANSPARENCY AND METHOD OF FABRICATING A TRANSPARENCY HAVING A HEATABLE WIPE	United States of America	08/813745	3/7/1997	5877473	3/2/1999
Pittsburgh Glass Works LLC	COMBINATION FLEXIBLE/RIGID RING MOLD	Mexico	964063	9/12/1996	213113	3/5/2003
Pittsburgh Glass Works LLC	ANTENNA CONNECTOR ARRANGEMENT	United States of America	08/573626	12/18/1995	6043782	3/28/2000
Pittsburgh Glass Works LLC	FLEXIBLE PRESS AND METHOD OF USE	United States of America	08/763585	12/10/1996	5695538	12/9/1997
Pittsburgh Glass Works LLC	GLASS ANTENNA SYSTEM WITH AN IMPEDANCE MATCHING NETWORK	United States of America	08/769359	12/19/1996	5999134	12/7/1999
Pittsburgh Glass	SOUND ABSORBING ARTICLE AND METHOD OF	Mexico	980252	1/8/1998	202930	7/4/2001

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Works LLC	MAKING SAME					
Pittsburgh Glass Works LLC	SOUND ABSORBING ARTICLE AND METHOD OF MAKING SAME	United States of America	08/783596	1/13/1997	5796055	8/18/1998
Pittsburgh Glass Works LLC	SOUND ABSORBING ARTICLE AND METHOD OF MAKING SAME	Venezuela	1998-000066	1/12/1998		
Pittsburgh Glass Works LLC	SOUND ABSORBING ARTICLE AND METHOD OF MAKING SAME	United States of America	09/084143	5/26/1998	6119807	9/19/2000
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Belgium	98110666.9	6/10/1998	0885851	12/13/2006
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Canada	2235447	5/22/1998	2235447	7/17/2001

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Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	European Patent Convention	98110666.9	6/10/1998	0885851	12/13/2006
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	France	98110666.9	6/10/1998	0885851	12/13/2006
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Germany	98110666.9	6/10/1998	69836603.4	12/13/2006
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Italy	98110666.9	6/10/1998	47732BE2007	1/24/2007
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Japan	166513/98	6/15/1998	2889877	2/19/1999
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Luxembourg	98110666.9	6/10/1998	0885851	12/13/2006

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	SHEETS					
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Mexico	984698	6/11/1998	203647	8/8/2001
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Netherlands	98110666.9	6/10/1998	0885851	12/13/2006
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Spain	98110666.9	6/10/1998	2277367	7/1/2007
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	United Kingdom	98110666.9	6/10/1998	0885851	12/13/2006
Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	United States of America	08/876872	6/16/1997	6076373	6/20/2000

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Pittsburgh Glass Works LLC	APPARATUS AND METHOD FOR BENDING GLASS SHEETS	Venezuela	1273-98	6/12/1998		
Pittsburgh Glass Works LLC	ON-GLASS ANTENNA SYSTEM	Patent Cooperation Treaty	US98/18111	9/1/1998		
Pittsburgh Glass Works LLC	ON-GLASS ANTENNA SYSTEM	United States of America	08/928786	3/18/1999	5959587	9/28/1999
Pittsburgh Glass Works LLC	METHOD AND APPARATUS FOR APPLYING EDGE MEMBERS TO A WINDOW	United States of America	10/219847	8/15/2002	6675541B2	1/13/2004
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Australia	52492/99	7/30/1999	745949	7/25/2002
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA	Austria	99937715.3	7/30/1999	ATE243368	7/29/2003



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	SYSTEMS					
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Belgium	99937715.3	7/30/1999	1105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Brazil	P19912973-6	7/30/1999		
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Canada	2339605	7/30/1999	2339605	12/2/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Denmark	99937715.3	7/30/1999	1105934	6/18/2003
Pittsburgh Glass	USE OF ELECTRICALLY CONDUCTIVE CERAMIC	European Patent	99937715.3	7/30/1999	1105934	6/8/2003

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Works LLC	PAINTS IN ANTENNA SYSTEMS	Convention				
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Finland	99937715.3	7/30/1999	1105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	France	99937715.3	7/30/1999	99/1105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Germany	99937715.3	7/30/1999	69908952.2	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Greece	99937715.3	7/30/1999	2003040374 8	9/17/2003

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Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Italy	99937715.3	7/30/1999	1105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Japan	2000-564255	7/30/1999	4302319	5/1/2009
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Korea, Republic of	2001-7001496	7/30/1999	611858	8/4/2006
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Liechtenstein	99937715.3	7/30/1999	1105934	6/8/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA	Luxembourg	99937715.3	7/30/1999	1105934	6/18/2003

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	SYSTEMS					
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Mexico	2001/001361	7/30/1999	229332	7/20/2005
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Netherlands	99937715.3	7/30/1999	1105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Patent Cooperation Treaty	US99/17415	7/30/1999		
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Portugal	99937715.3	7/30/1999	1105934	9/12/2003
Pittsburgh Glass	USE OF ELECTRICALLY CONDUCTIVE CERAMIC	Spain	99937715.3	7/30/1999	1105934	3/16/2004

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Works LLC	PAINTS IN ANTENNA SYSTEMS					
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Sweden	99937715.3	7/30/1999	991105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	Switzerland	99937715.3	7/30/1999	1105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	United Kingdom	99937715.3	7/30/1999	1105934	6/18/2003
Pittsburgh Glass Works LLC	USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS	United States of America	09/130564	8/7/1998	5999136	12/7/1999

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Pittsburgh Glass Works LLC	COLLAPSIBLE SHIPPING CONTAINER HAVING A WALK-IN BASE	Japan	2000-573991	9/23/1999		
Pittsburgh Glass Works LLC	COLLAPSIBLE SHIPPING CONTAINER HAVING A WALK-IN BASE	Patent Cooperation Treaty	US99/22133	9/23/1999		
Pittsburgh Glass Works LLC	COLLAPSIBLE SHIPPING CONTAINER HAVING A WALK-IN BASE	United States of America	09/400782	4/12/2001	6290064B1	9/18/2001
Pittsburgh Glass Works LLC	WINDOW ASSEMBLY AND MOUNT FOR A WINDOW ASSEMBLY	United States of America	09/209111	12/10/1998	6131339	10/17/2000
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Argentina	P010102681	5/31/2000	AR025527B1	9/29/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Australia	51697/00	5/30/2000	770928	6/24/2004

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Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Austria	00936375.5	5/30/2000	E-334819	11/27/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Belgium	00936375.5	5/30/2000	1200255	8/2/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Canada	2375256	5/30/2000	2375256	1/6/2009
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	European Patent Convention	00936375.5	5/30/2000	1200255	8/2/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Finland	00936375.5	5/30/2000	1200255	8/2/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Germany	00936375.5	5/30/2000	60029792.6	8/2/2006
Pittsburgh Glass	LAMINATED	Italy	00936375.5	5/30/2000	50497BE20	10/23/2006

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Works LLC	TRANSPARENCY				06	
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Japan	2000-621157	5/30/2000	4395265	10/23/2009
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Korea, Republic of	2001-7015492	5/30/2000	694360	3/6/2007
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Luxembourg	00936375.5	5/30/2000	1200255	8/2/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Mexico	2001-012290	5/30/2000	260499	9/10/2008
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Netherlands	00936375.5	5/30/2000	1200255	8/2/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Patent Cooperation Treaty	US00/14709	5/30/2000		



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Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Spain	00936375.5	5/30/2000	1200255	8/2/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	United Kingdom	00936375.5	5/30/2000	1200255	8/2/2006
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	United States of America	09/512852	2/25/2000	6582799B1	6/24/2003
Pittsburgh Glass Works LLC	LAMINATED TRANSPARENCY	Venezuela	2000-001209	6/1/2000		
Pittsburgh Glass Works LLC	MOUNTING ASSEMBLY FOR VEHICLE PANELS	Canada	2393496	7/15/2002	2393496	2/5/2008
Pittsburgh Glass Works LLC	MOUNTING ASSEMBLY FOR VEHICLE PANELS	Mexico	2002-006822	7/11/2002	234942	3/15/2006
Pittsburgh Glass Works LLC	MOUNTING ASSEMBLY FOR VEHICLE PANELS	United States of America	10/190971	7/8/2002	6862851B2	3/8/2005

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Pittsburgh Glass Works LLC	EDGE SEALING OF A LAMTNATED TRANSPARENCY	United States of America	10/931755	9/1/2004	6953911B2	10/11/2005
Pittsburgh Glass Works LLC	INTERLAYER COMPOSITE FOR A LAMINATED TRANSPARENCY	United States of America	11/247501	10/11/2005	7205504B2	4/17/2007
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A TRANSPARENCY	Canada	2499126	9/16/2003	2499126	5/26/2009
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A TRANSPARENCY	European Patent Convention	03797905.1	9/16/2003	1540995	11/15/2006
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A TRANSPARENCY	France	03797905,1	9/16/2003	1540995	11/15/2006
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A	Germany	03797905.1	9/16/2003	60309722.7	11/15/2006

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	TRANSPARENCY					
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A TRANSPARENCY	Mexico	2005-0030 11	9/16/2003	254926	2/20/2008
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A TRANSPARENCY	Patent Cooperation Treaty	US03/28952	9/16/2003		
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A TRANSPARENCY	United Kingdom	03797905.1	9/16/2003	1540995	11/15/2006
Pittsburgh Glass Works LLC	HEATABLE WIPER REST AREA FOR A TRANSPARENCY	United States of America	10/662733	9/15/2003	6995339B2	2/7/2006
Pittsburgh Glass Works LLC	SOLDER COMPOSITIONS; METHOD OF SOLDERING, AND A LAMINATED TRANSPARENCY HAVING BUS BARS	United States of America	11/638961	12/14/2006	7617964	11/17/2009

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Pittsburgh Glass Works LLC	A PIVOTALLY MOUNTABLE HINGE PART HAVING QUICK ASSEMBLY HINGE SECTIONS AND METHOD OF USING SAME	Patent Cooperation Treaty	US05/25444	7/18/2005		
Pittsburgh Glass Works LLC	A PIVOTALLY MOUNTABLE HINGE PART HAVING QUICK ASSEMBLY HINGE SECTIONS AND METHOD OF USING SAME	United States of America	10/895758	7/21/2004		
Pittsburgh Glass Works LLC	A PIVOTALLY MOUNTABLE HINGE PART HAVING QUICK ASSEMBLY HINGE SECTIONS AND METHOD OF USING SAME	Patent Cooperation Treaty	US06/05958	2/21/2006		
Pittsburgh Glass Works LLC	HEATABLE WINDSHIELD	United States of America	11/063315	2/22/2005	7223940B2	5/29/2007
Pittsburgh Glass Works LLC	DEVICES FOR SECURING PANELS OVER AN OPENING AND PANELS HAVING THE	United States of America	11/486919	7/14/2006		

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	DEVICES					
Pittsburgh Glass Works LLC	SNAP-IN MOUNTING CLIP Including PANEL HAVING This SNAP-IN MOUNTING CLIP AND Corresponding Mounting METHOD OF THE PANEL	Patent Cooperation Treaty	US07/85109	11/19/2007		
Pittsburgh Glass Works LLC	SNAP-IN MOUNTING CLIP Including PANEL HAVING This SNAP-IN MOUNTING CLIP AND Corresponding Mounting METHOD OF THE PANEL	United States of America	11/602578	11/21/2006		
Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	Canada	584445	11/29/1988	1320527	7/20/1993
Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	European Patent Convention	88121468.8	12/22/1988	0322756	3/10/1993

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Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	France	88121468.8	12/22/1988	EP0322756	3/10/1993
Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	Germany	88121468.8	12/22/1988	P3879145	3/10/1993
Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	Italy	23112/BE/93	12/22/1988	EP0322756	3/10/1993
Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	Japan	330734/88	12/27/1988	2538658	7/8/1996
Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	Sweden	88121468.8	12/22/1988	EP0322756	3/10/1993
Pittsburgh Glass Works LLC	BUS BAR ARRANGEMENT FOR AN ELECTRICALLY HEATED TRANSPARENCY	United Kingdom	88121468.8	12/22/1988	EP0322756	3/10/1993

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	HEATED TRANSPARENCY					
Pittsburgh Glass Works LLC	FLEXIBLE RING MOLD AND METHOD OF USE	United States of America	07/140527	1/4/1988	4830650	5/16/1989
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	Canada	2074048	7/16/1992	2074048	10/28/1997
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	European Patent Convention	92112044.0	7/15/1992	0524537	9/16/1998
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	France	92112044.0	7/15/1992	0524537	9/16/1998
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM	Germany	69226995.9	7/15/1992	0524537	9/16/1998

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	STORAGE AREA					
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	Italy	92112044.0	7/15/1992	0524537	9/16/1998
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	Japan	195014/92	7/22/1992	2935224	6/4/1999
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	Korea, Republic of	92-12950	7/21/1992	098542	4/19/1996
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	Spain	92112044.0	7/15/1992	0524537	9/16/1998
Pittsburgh Glass	COATED WINDSHIELD WITH SPECIAL HEATING	United	92112044.0	7/15/1992	0524537	9/16/1998



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Works LLC	CIRCUIT FOR WIPER ARM STORAGE AREA	Kingdom				
Pittsburgh Glass Works LLC	COATED WINDSHIELD WITH SPECIAL HEATING CIRCUIT FOR WIPER ARM STORAGE AREA	United States of America	07/733785	7/22/1991	5434384	7/18/1995
Pittsburgh Glass Works LLC	METHOD AND APPARATUS FOR SHAPING SHEETS	Mexico	948742	11/10/1994	203620	8/8/2001
Pittsburgh Glass Works LLC	METHOD AND APPARATUS FOR SHAPING SHEETS	United States of America	08/150892	11/12/1993	5401286	3/28/1995
Pittsburgh Glass Works LLC	COMPOSITE TRANSPARENCY	United States of America	08/270337	7/5/1994	5792559	8/11/1998
Pittsburgh Glass Works LLC	METHOD AND APPARATUS OF BENDING GLASS SHEETS	United States of America	07/908149	7/2/1992	5320661	6/14/1994