

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2590973

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
CHARLIE HOLDING INTELLECTUAL PROPERTY INC.		10/11/2013
RECEIVING PARTY DATA		
Name:	RES POLYFLOW LLC	
Street Address:	39 S. MAIN STREET	
Internal Address:	SUITE 606	
City:	AKRON	
State/Country:	OHIO	
Postal Code:	44308	
PROPERTY NUMBERS Total: 4		
Property Type	Number	
Patent Number:	7344622	
Patent Number:	7883605	
Patent Number:	8137508	
Application Number:	13013809	
CORRESPONDENCE DATA		
Fax Number:	(216)363-4588	
Phone:	2162253426	
Email:	patent@beneschlaw.com	
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>		
Correspondent Name:	DUNCAN POIRIER	
Address Line 1:	BENESCH FRIEDLANDER COPLAN & ARONOFF LLP	
Address Line 2:	200 PUBLIC SQUARE, SUITE 2300	
Address Line 4:	CLEVELAND, OHIO 44114	
ATTORNEY DOCKET NUMBER:	28878-28	
NAME OF SUBMITTER:	DUNCAN POIRIER	

PATENT

Signature:	/Duncan Poirier/
Date:	10/25/2013
Total Attachments: 2 source=Assignment CHIP to RESPolyflow LLC#page1.tif source=Assignment CHIP to RESPolyflow LLC#page2.tif	

**Assignment from Charlie Holding Intellectual Property to RES Polyflow LLC**

WHEREAS, CHARLIE HOLDING INTELLECTUAL PROPERTY INC., an Ohio corporation (hereinafter referred to as the "Assignor"), record owner of the entire right, title, and interest in and to the patent rights specified on attached Schedule A (the "Patent Rights"), and all applications issued or pending, now or in the future, claiming priority to or from at least one of the Patent Rights in the United States Patent and Trademark Office or in a corresponding office in a foreign country (the "Intellectual Property"); and

WHEREAS, Assignor desires to transfer the entire right, title, and interest in and to the Intellectual Property to RES Polyflow LLC, an Ohio limited liability company (hereinafter referred to as the "Assignee").

NOW, THEREFORE, for good and valuable consideration set forth in the Contribution and Assumption Agreement, dated as of June 20, 2012, by and among the Assignee and the Assignor, the receipt of which is hereby acknowledged, the Assignor does hereby sell, assign, and transfer unto said Assignee the Assignor's entire right, title, and interest in and to the Intellectual Property, together with the entire right, title, and interest in and to (i) any patent application relating thereto, (ii) any inventions, improvements, developments, and modifications thereof, (iii) any causes of action for infringement thereof, (iv) all income, royalties, damages, and payments due or payable as of or after the effective date of this Assignment (including, without limitation, damages and payments for past, present or future infringements, misappropriations or other violations) and (v) the rights to sue and collect damages for past, present or future infringements; the same to be held and enjoyed by said Assignee for its own use, and for its legal representatives and assigns, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

IN WITNESS WHEREOF, this Assignment has been executed this 11 day of October, 2013.

Charles W. Grispini  
Duly Authorized Officer of Assignor

STATE OF OHIO )  
 ) ss:  
COUNTY OF SUMMIT )

On this 11 day of OCTOBER, 2013, before me appeared CHARLES W. GRISPINI, the person who signed this instrument, who acknowledged that she/he signed it as a free act on behalf of Charlie Holding Intellectual Property Inc., with authority to do so.

SEAL



Notary Public

Mary L. Law

7825854 v1

October 2, 2013

Schedule A

Country	Application Number	Claim Type	Patent Number	Docket	Priority Date
US	10/409,983 2004-0204620	Apparatus/Equip	7,344,522 Issued 3/18/08	1002-002	4/8/03
US	11/664,647 2007-0289862	Process	7,883,605 Issued 2/8/11	1002-003	10/13/04 PCT/US04/33796
US	12/033,347 2008-0200738	Process	8,137,508 Issued 3/20/12	1002-004	4/8/03 PCT/US04/33796
US	13/013,809 Continuation	Process	Allowed	1002-020	10/13/04 PCT/US04/33796
Australia	2004324162	Process	Issued	1002-005	10/13/04
Brazil	0419088-2	Process	Pending	1002-012	10/13/04
Canada	2,583,617	Process	Issued 2,583,617	1002-006	10/13/04
Canada	2,818,768	Apparatus/Equip	Pending	1002-034	10/13/04
China	200480445847	Process	Pending	1002-007	10/13/04
China Divisional	201210064010.2	Apparatus/Equip	Pending	1002-023	10/13/04
Europe	04795017.5	Process	Issued EP 1 809 721	1002-015	10/13/04
France	04795017.5	Process	Issued EP1809721	1002-025	10/13/04
Germany	04795017.5	Process	Issued 602004040326.1	1002-026	10/13/04
Italy	04795017.5	Process	Issued	1002-027	10/13/04
Netherlands	04795017.5	Process	Issued NL EP1809721	1002-028	10/13/04
Poland	04795017.5	Process	Issued	1002-029	10/13/04
Spain	04795017.5	Process	Spain ES2400856	1002-030	10/13/04
Sweden	04795017.5	Process	Issued	1002-031	10/13/04
Turkey	0495017.5	Process	Issued	1002-032	10/13/04
United Kingdom	04795017.5	Process	Issued	1002-033	10/13/04
India	2739/DELNP/ 2007	Process	Pending	1002-008	10/13/04
Indonesia	W00200701188	Process	Pending	1002-009	10/13/04
Mexico	MX/A/2007/004519	Process	Issued 296968	1002-011	10/13/04
Mexico Divisional	MX/A/2012/002845	Apparatus/Equip	Pending	1002-022	10/13/04
Taiwan	931133	Process	Issued 1365910	1002-013	10/13/04
PCT	PCT/US2004/ 033796	Process/Apparatus	Expired	1002-016	10/13/04

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RECORDED: 10/25/2013

REEL: 031495 FRAME: 0958