

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4392205

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LOREN F. TEMPLE JR.	06/23/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	POLYONE DESIGNED STRUCTURES AND SOLUTIONS LLC
<b>Street Address:</b>	33587 WALKER ROAD
<b>City:</b>	AVON LAKE
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44012
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14804859
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)612-2307
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	314-621-5070
<b>Email:</b>	uspatents@armstrongteasdale.com
<b>Correspondent Name:</b>	ARMSTRONG TEASDALE LLP
<b>Address Line 1:</b>	7700 FORSYTH BLVD.
<b>Address Line 2:</b>	SUITE 1800
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63105
<b>ATTORNEY DOCKET NUMBER:</b>	7815-386
<b>NAME OF SUBMITTER:</b>	MARY R. MCKINNEY
<b>SIGNATURE:</b>	/Mary R. McKinney/
<b>DATE SIGNED:</b>	05/01/2017
<b>Total Attachments: 3</b>	
source=Assignment-24010417#page1.tif	
source=Assignment-24010417#page2.tif	
source=Assignment-24010417#page3.tif	

**ASSIGNMENT**

In consideration of One Dollar and other good and valuable consideration, of which I/we acknowledge receipt, I/we,

**Loren F. Temple, Jr.**                      of    **Muncie, Indiana**  
**Pranabes K. Pramanik**                of    **Downingtown, Pennsylvania**

hereby sell and assign to **PolyOne Designed Structures and Solutions LLC, a Delaware limited liability company**, (hereinafter referred to as Assignee), having an address at **33587 Walker Road, Avon Lake, Ohio 44012**, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional application for United States Patent currently entitled:

**METHODS AND SYSTEMS FOR USE IN FORMING AN ARTICLE  
FROM A MULTI-LAYER SHEET STRUCTURE**

- executed concurrently herewith,  
 filed on July 21, 2015, having Serial Number 14/804,859

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1

Signature:

[Handwritten Signature]  
Loren F. Temple, Jr.

Date:

6-23-2016

Witnessed by:

[Handwritten Signature]  
Signature

Date:

6-23-2016

Pam Harmon  
Printed Name of Witness

Witnessed by:

\_\_\_\_\_  
Signature

Date:

\_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Loren F. Temple, Jr. Date: \_\_\_\_\_

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2016, before me personally came the above-named Loren F. Temple, Jr., to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature: \_\_\_\_\_  
**Pranabes K. Pramanik**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name of Witness

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name of Witness

Date: \_\_\_\_\_

---

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

---

---

\_\_\_\_\_  
**Pranabes K. Pramanik** Date: \_\_\_\_\_

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_ day of \_\_\_\_\_, 2016, before me personally came the above-named **Pranabes K. Pramanik**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)