

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sergio Ribeiro de Oliveira ANTUNES</td> <td>08/20/2012</td> </tr> <tr> <td>Lin YANG</td> <td>08/20/2012</td> </tr> <tr> <td>Vito GALATI</td> <td>08/20/2012</td> </tr> <tr> <td>Hans-Joerg SCHREYER</td> <td>08/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sergio Ribeiro de Oliveira ANTUNES	08/20/2012	Lin YANG	08/20/2012	Vito GALATI	08/20/2012	Hans-Joerg SCHREYER	08/03/2012
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<table border="1"> <tr> <td>Name:</td> <td>Synventive Molding Solutions, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10 Centennial Drive</td> </tr> <tr> <td>City:</td> <td>Peabody</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01960</td> </tr> </table>		Name:	Synventive Molding Solutions, Inc.	Street Address:	10 Centennial Drive	City:	Peabody	State/Country:	MASSACHUSETTS	Postal Code:	01960
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CORRESPONDENCE DATA											
<p>Fax Number: 6173674656  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-367-4600        Email: cheath@rhoiplaw.com        Correspondent Name: M. Lawrence Oliverio        Address Line 1: 100 Cambridge Street        Address Line 2: Suite 2101        Address Line 4: Boston, MASSACHUSETTS 02114</p>											
ATTORNEY DOCKET NUMBER:	S032-7117US0										
NAME OF SUBMITTER:	Therese A. Hendricks										
<p>Total Attachments: 4        source=Assignment#page1.tif        source=Assignment#page2.tif        source=Assignment#page3.tif        source=Assignment#page4.tif</p>											

OP \$40.00 13569464

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**FLOW CONTROL APPARATUS AND METHOD**

for which I/We filed an application for United States Patent on 8 August 2012, U.S. Application No. 13/569,464; and

WHEREAS, Synventive Molding Solutions, Inc., 10 Centennial Drive, Peabody, MA 01960 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for Patent on this invention and all Patents to be issued upon these applications;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to all inventions described or disclosed in the above-identified U.S. application no. 13/569,464 filed August 8, 2012, the application itself and all non-provisional and other applications corresponding or claiming priority to said provisional application, including all divisions and continuations of said non-provisional applications, and all Patents of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application and all non-provisionals claiming priority to this application, and all applications for patents which may hereafter be filed for this invention in any foreign country and all patents which may be granted on this invention in any foreign country, and all extensions, renewals, re-exams and reissues of all said non-provisionals; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on all provisional and non-provisional applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute and, make all rightful oaths in furtherance of the filing and prosecution of all of the aforesaid divisional, continuation, re-exam and reissue applications, and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Name: de Oliveira ANTUNES, Sergio Ribeiro

By: [Signature]

Date: AUG, 20<sup>th</sup>, 2012

Name: YANG, Lin

By: [Signature]

Date: 8/20/12

Name: GALATI, Vito

By: [Signature]

Date: Aug 20/2012

Name: SCHREYER, Hans-Joerg

By: \_\_\_\_\_

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

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Name: YANG, Lin

By: \_\_\_\_\_

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

Name: GALATI, Vito

By: \_\_\_\_\_

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

Name: SCHREYER, Hans-Joerg

By: Hans-Joerg Schreyer

Date: 03.05.2012