

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3972466

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADVANCED TECHNOLOGIES & INNOVATIONS B.V.	07/06/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SULZER CHEMTECH AG
<b>Street Address:</b>	SULZERALLEE 48
<b>City:</b>	WINTERTHUR
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	8404
<b>PROPERTY NUMBERS Total: 9</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9067153
Patent Number:	9039799
Patent Number:	8852323
Patent Number:	8343360
Patent Number:	8991622
Application Number:	14419571
Application Number:	14346558
Application Number:	13394942
Application Number:	14370160
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)471-4094
<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>	412-471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM
<b>Address Line 1:</b>	ONE GATEWAY CENTER
<b>Address Line 2:</b>	420 FT. DUQUESNE BLVD., SUITE 1200
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	7217-1602669
<b>NAME OF SUBMITTER:</b>	JOHN W. MCILVAINE

PATENT

<b>SIGNATURE:</b>	/John W McIlvaine/
<b>DATE SIGNED:</b>	07/21/2016
<b>Total Attachments: 3</b> source=1602669recordation#page1.tif source=1602669recordation#page2.tif source=1602669recordation#page3.tif	

**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Advanced Technologies & Innovations B.V.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) July 6, 2016

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Sulzer Chemtech AG

Internal Address: \_\_\_\_\_

Street Address: Sulzerallee 48

City: Winterthur

State: \_\_\_\_\_

Country: Switzerland Zip: 8404

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

**A. Patent Application No.(s)**

14419571 13394942  
14346558 14370160

**B. Patent No.(s)**

9067153 8852323 8991622  
9039799 8343360

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: John W. McIlvaine

Internal Address: The Webb Law Firm

Street Address: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 3988 - 1602522

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 9**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$0**

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

July 21, 2016

Date

John W. McIlvaine, Reg. No. 34,219

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**CONFIRMATORY DECLARATION OF ASSIGNMENT**

The company:

**Advanced Technologies & Innovations B.V.  
Leemansweg 11  
6827 BX Arnhem  
THE NETHERLANDS**

(hereinafter, "Assignor") is the registered proprietor of the following United States Patents and Patent Applications:

<b><u>Application / Patent #</u></b>	<b><u>Assignment Recorded at Reel/Frame No(s).</u></b>
14/419,571	35657-540
13/394,942	30267-604 (corrected at 33673-295)
14/346,558	33263-457
14/370,160	33892-507
9,067,153	30267-604 (corrected at 33673-295)
8,852,323	30267-604 (corrected at 33673-295)
8,991,622	30267-604 (corrected at 33673-295)
9,039,799	30267-604 (corrected at 33673-295)
8,343,360	30267-604 (corrected at 33673-295)

(hereinafter, "the Assigned Patents and Applications").

Assignor hereby declares that the Assigned Patents and Applications have been lawfully transferred by written instrument made effective January 1, 2015 (hereinafter, "the Assignment") to the company:

**Sulzer Chemtech AG  
Sulzerallee 48  
8404 Winterthur  
SWITZERLAND.**

(hereinafter, "Assignee").

Assignor hereby agrees that Assignee is to be recorded as Applicant for the Assigned Patents and Applications in the official register of the United States Patent and Trademark Office.

Assignor hereby declares that the Assignment has conveyed unto Assignee the full and exclusive right, title, and interest in and to the Assigned Patents and Applications and to the inventions and improvements disclosed therein in the United States, including the right to claim priority thereto, and any Letters Patent which may issue therefrom in the United States and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof.

Assignor hereby declares that the Assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed

by Assignor had this Assignment not been made, and includes the right to seek and collect damages for past infringement.

Assignor hereby declares that Assignor or the representatives thereof will communicate to Assignee or the representatives thereof any facts known to Assignor respecting said inventions and improvements, and will, upon request but without expense to Assignor, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. The Assignment shall be binding upon Assignor's administrators, successors, and/or assigns, as the case may be, and shall inure to the benefit of the administrators, successors, and/or assigns, as the case may be, of said Assignee.

Assignee hereby declares to have agreed to the Assignment.

For the Assignor

Winterthur 6 July 2016  
Place Date

T. Winterthur  
Advanced Technologies & Innovations B.V.

Name: Torsten Winterthur Ingo Segner  
Title: Director Director

For the Assignee

Winterthur June 21, 2016  
Place Date

F. Moser M. Schickel  
Sulzer Chemtech AG

Name: Felix Moser Manuel Schickel  
Title: Director Manager IP  
Technology & IP