

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3538837

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LEVITECH B.V.	09/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASM INTERNATIONAL N.V.
<b>Street Address:</b>	VERSTERKERSTRAAT 8
<b>City:</b>	ALMERE
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	1322 AP
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13510899
Application Number:	13576145
Application Number:	13808392
Application Number:	14232901
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)226-3801
<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>Email:</b>	dcelia@preti.com
<b>Correspondent Name:</b>	PRETI FLAHERTY BELIVEAU & PACHIOS LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	VER-285 286 287 288XX
<b>NAME OF SUBMITTER:</b>	GORDON R. MORIARTY
<b>SIGNATURE:</b>	/Gordon R. Moriarty/
<b>DATE SIGNED:</b>	09/23/2015
<b>Total Attachments: 2</b>	
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source=Assignment Levitech BV - ASM International NV#page2.tif	

## ASSIGNMENT and TRANSFER

The undersigned

Levitech B.V.  
of Versterkerstraat 10  
1322 AP Almere  
The Netherlands

a company organised and existing under the laws of The Netherlands, represented by J.H.M. Beijersbergen, managing director of and singly/independently authorised to represent Business N Technology B.V., which company is managing director of and singly/independently authorised to represent Levitech B.V.

hereinafter indicated as ASSIGNOR

and

ASM International N.V.  
of Versterkerstraat 8  
1322 AP Almere  
The Netherlands

a company organised and existing under the laws of The Netherlands, represented by P.A.M. van Bommel, member of the board of directors of and singly/independently authorised to represent ASM International N.V.

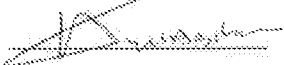
hereinafter indicated as ASSIGNEE

declare and agree as follows concerning the patents/patent applications mentioned on the attached schedule:

1. ASSIGNOR has, on the basis of purchase, by written agreement assigned and transferred, and insofar as necessary herewith assigns and transfers, to ASSIGNEE all its rights and obligations regarding the above-mentioned patents/patent applications and the inventions described therein, including any and all priority rights of the said patents/patent applications and including any and all divisionals and continuations thereof, and including all causes of action (whether known or unknown or whether (1) previously filed in court and currently pending or (2) filed with a court in the future and other enforcement rights under or on account of the said patents/patent applications, including, without limitation, all causes of action and other enforcement rights for:
  - (i) damages for past, current, and future infringement;
  - (ii) injunctive relief, and
  - (iii) any other remedies of any kind for past, current, and future infringement.
2. ASSIGNEE has by written agreement accepted, and insofar as necessary herewith accepts, this assignment and transfer with all rights and obligations.
3. For this assignment and transfer, ASSIGNEE has paid to ASSIGNOR the sum of ten (10) Euros, the receipt of which is hereby acknowledged by ASSIGNOR.
4. ASSIGNOR and ASSIGNEE wish, request and authorise that this assignment and transfer are recorded in the applicable registers, and that ASSIGNEE is registered as patentee/applicant.

Thus agreed and signed in multiple originals.

Levitech B.V.



(Signature)

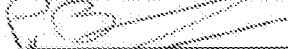
J.H.M. Beijersbergen

(Name)

Almere Sept 1, 2015

(City, date)

ASM International N.V.




P.A.M. van Bommel

Almere Sept 7, 2015

patents/patent applications in the name of Levitech B.V.;  
- assignment to ASM International N.V.

AP002604NL00

VO_ref.	Client_ref.	case_catch_word	appl_date	appl_no	reg_date	reg_no	state_id
P90022CN00	PAT-FEO-0154-CN-NP	ALD track laterale stabilisatie	19-11-2010	201060053184.8			CN
P90278CN00	PAT-FEO-0155-CN-NP	ALD track air valve	31-01-2011	201160015456.X			CN
P90942CN00	PAT-FEO-0156-CN-NP	ALD Track pressure drive	06-07-2011	201160042406.X	01-04-2015	ZL 2011 6 004240B.X	CN
P95397CN00	PAT-FEO-0157-CN-NP	ALD track spatial density distribution monitor	13-07-2012	201260044885.7			CN
P90022EP00	PAT-FEO-0154-EP-EPA	ALD track laterale stabilisatie	19-11-2010	10787568.2			EP
P90278EP00	PAT-FEO-0155-EP-EPA	ALD track air valve	31-01-2011	11703282.1			EP
P90942EP00	PAT-FEO-0156-EP-EPA	ALD Track pressure drive	06-07-2011	11736180.8			EP
P95397EP00	PAT-FEO-0157-EP-EPA	ALD track spatial density distribution monitor	13-07-2012	12744133.5			EP
P90022JP00	PAT-FEO-0154-JP-NP	ALD track laterale stabilisatie	19-11-2010	2012-539636			JP
P90278JP00	PAT-FEO-0155-JP-NP	ALD track air valve	31-01-2011	2012-551108			JP
P90942JP00	PAT-FEO-0156-JP-NP	ALD Track pressure drive	06-07-2011	2013-518297			JP
P95397JP00	PAT-FEO-0157-JP-NP	ALD track spatial density distribution monitor	13-07-2012	2014-520157			JP
P90022KR00	PAT-FEO-0154-KR-NP	ALD track laterale stabilisatie	19-11-2010	10-2012-7014116			KR
P90278KR00	PAT-FEO-0155-KR-NP	ALD track air valve	31-01-2011	10-2012-7022807			KR
P90942KR00	PAT-FEO-0156-KR-NP	ALD Track pressure drive	06-07-2011	10-2013-7002893			KR
P95397KR00	PAT-FEO-0157-KR-NP	ALD track spatial density distribution monitor	13-07-2012	10-2014-7003507			KR
P100660NL00	PAT-FEO-0159-NL-NP	Leak compensation	18-03-2014	2010471	24-09-2014	2010471	NL
P105542NL00	PAT-FEO-0160-NL-NP	Hydrogen Absorption Layer	04-08-2014	2013298			NL
P106307NL00	PAT-EUR-0161-NL-NP	Extraction curtain	04-11-2014	2013739			NL
P107452NL00	PAT-EUR-0162-NL-NP	selective coatings for CVD/ALD	20-03-2015	2014487			NL
P90022NL00	PAT-FEO-0154-NL-NP	ALD track laterale stabilisatie	19-11-2009	2003836	23-05-2011	2003836	NL
P90278NL00	PAT-FEO-0155-NL-NP	ALD track air valve	01-02-2010	2004177	03-08-2011	2004177	NL
P90942NL00	PAT-FEO-0156-NL-NP	ALD Track pressure drive	07-07-2010	2005049	10-01-2012	2005049	NL
P95397NL00	PAT-FEO-0157-NL-NP	ALD track spatial density distribution monitor	14-07-2011	2007114	15-01-2013	2007114	NL
P100660PC00	PAT-FEO-0159-WO-PCT	Leak compensation	18-03-2014	PCT/NL2014050159			PC
P105542PC00	PAT-FEO-0160-WO-PCT	Hydrogen Absorption Layer	05-08-2015	PCT/NL2015050560			PC
P106660TW00	PAT-FEO-0159-TW-NP	Leak compensation	18-03-2014	103110080			TW
P105542TW00	PAT-FEO-0160-TW-NP	Hydrogen Absorption Layer	28-07-2015	104124482			TW
P90022TW00	PAT-FEO-0154-TW-NP	ALD track laterale stabilisatie	19-11-2010	099140136			TW
P90278TW00	PAT-FEO-0155-TW-NP	ALD track air valve	27-01-2011	100102981			TW
P90942TW00	PAT-FEO-0156-TW-NP	ALD Track pressure drive	06-07-2011	100123805			TW
P95397TW00	PAT-FEO-0157-TW-NP	ALD track spatial density distribution monitor	16-07-2012	101125498			TW
P90022US00	PAT-FEO-0154-US-NP	ALD track laterale stabilisatie	19-11-2010	13510.899			US
P90278US00	PAT-FEO-0155-US-NP	ALD track air valve	31-01-2011	13576.145			US
P90942US00	PAT-FEO-0156-US-NP	ALD Track pressure drive	06-07-2011	13808.392			US
P95397US10	PAT-FEO-0157-US-NP	ALD track spatial density distribution monitor	13-07-2012	14232.901			US

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 filed and initialed by assignor  
 dated and initialed by assignee