

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3207299

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	MERGER	
<b>EFFECTIVE DATE:</b>	12/31/2014	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ALFA LAVAL VORTEX INC.	12/30/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALFA LAVAL INC.	
<b>Street Address:</b>	5400 INTERNATIONAL TRADE DRIVE	
<b>City:</b>	RICHMOND	
<b>State/Country:</b>	VIRGINIA	
<b>Postal Code:</b>	23231	
<b>PROPERTY NUMBERS Total: 12</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	5322222	
Patent Number:	5664733	
Patent Number:	5775446	
Patent Number:	6024874	
Patent Number:	6609638	
Patent Number:	6796704	
Patent Number:	7401973	
Patent Number:	7635218	
Patent Number:	7618182	
Patent Number:	7728870	
Patent Number:	7784999	
Patent Number:	7926502	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(703)712-5240	
<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>	7037125361	
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<b>Correspondent Name:</b>	SHANNON COTUGNO	
<b>Address Line 1:</b>	1750 TYSONS BLVD	

PATENT

<b>Address Line 2:</b>	SUITE 1800
<b>Address Line 4:</b>	TYSONS CORNER, VIRGINIA 22102

<b>NAME OF SUBMITTER:</b>	SHANNON COTUGNO
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<b>SIGNATURE:</b>	/shannon cotugno/
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<b>DATE SIGNED:</b>	02/02/2015
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**Total Attachments: 2**

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## Office of the Secretary of State

### CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that a filing instrument merging

Alfa Laval Vortex Inc.  
Domestic For-Profit Corporation  
[File Number: 126835400]

Into

ALFA LAVAL INC.  
Foreign For-Profit Corporation  
New Jersey, USA  
[File Number: 13279906]

has been received in this office and has been found to conform to law.

Accordingly, the undersigned, as Secretary of State, and by the virtue of the authority vested in the secretary by law, hereby issues this certificate evidencing the acceptance and filing of the merger on the date shown below.

Dated: 12/30/2014

Effective: 12/31/2014 10:59 pm



*NANDITA BERRY*

Nandita Berry  
Secretary of State

EXECUTION VERSION

Schedule 2.20(a)

Intellectual Property

(a) Patents

PATENTS			
U.S. Patent Name	Patent #	Type	Expiration Date
Spiral Jet Fluid Mixer (Radial Eductor® for tank mixing)	5,322,222	Apparatus	10/2012
Fluid Mixing Nozzle and method (Lobestar® Jet Nozzle)	5,664,733	Apparatus/ Method	09/2015
Nozzle insert for Rotary Rock Bit	5,775,446	Apparatus	07/2016
Hydrocyclone Separator	6,024,874	Apparatus	11/2018
Flow Promotor for Hoppers (V-Slide)	6,609,638	Apparatus	07/2022
Apparatus and method for mixing components with a venture arrangement	6,796,704	Apparatus/ Method	06/2020
Dust-Free Low Pressure Mixing System	7,401,973	System	04/2027
Method for Dust Free Low Pressure Mixing	7,635,218	Method	06/2029
Dust Free Low Pressure Mixing System with Jet Ring Adaptor	7,618,182	Apparatus	07/2028
Method for mixing fluids with an eductor	7,726,870	Method	06/2029
Eductor apparatus with lobes for optimizing flow patterns	7,784,999	Apparatus	07/2029
Jet Ring Assembly and method for cleaning eductors	7,926,502	Apparatus/ Method	06/2030
Canadian Patent Name	Patent #	Type	Expiration Date
Lobestar® Jet Nozzle	2,238,629	Apparatus	08/2009