PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5359649

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
ALLISON WHITE	01/11/2019
YIHONG LI	11/19/2018
OSCAR MADALENA	11/27/2018

RECEIVING PARTY DATA

Name:	ELECTROLUX APPLIANCES AKTIEBOLAG
Street Address:	S:T GÖRANSGATAN 143
City:	STOCKHOLM
State/Country:	SWEDEN
Postal Code:	105 45

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16131921		

CORRESPONDENCE DATA

Fax Number: (610)407-0701

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.

Phone: 610-407-0700

Email: shunter@ratnerprestia.com MICHAEL P. F. PHELPS **Correspondent Name:**

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Address Line 2: 2200 RENAISSANCE BLVD., SUITE 350 Address Line 4: KING OF PRUSSIA, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	ABEL-316US	
NAME OF SUBMITTER:	MICHAEL P. F. PHELPS, REG.NO. 48,654	
SIGNATURE:	/MICHAEL P. F. PHELPS/	
DATE SIGNED:	02/05/2019	

Total Attachments: 4

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> **PATENT** REEL: 048236 FRAME: 0417 505312868

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PATENT REEL: 048236 FRAME: 0418

COMBINED	DECLARATION/ASSIGNMENT - Patent Application	Docket Number: ABEL-316US		
Whereas, the Assi	gnor, comprising the following named inventors:			
	1. Allison White	2. Yihong Li		
ASSIGNOR(s)/ INVENTOR(s)	3. Oscar Madalena	4.		
	5.	6.		
made an invention	entitled: METHOD AND APPARATUS FOR	CLEANING LAUNDRY		
for which an applic	cation for Letters Patent of the United States (the A following):	Application):		
was filed in	l concurrently herewith the U.S. Patent and Trademark Office on <u>Septem</u> ent Application Serial No.: <u>16/131,921</u>	ber 14, 2018		
ASSIGNEE (Full Name and Address) Electrolux Appliances Aktiebolag S:t Göransgatan 143 Stockholm, Sweden 105 45				

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. Assignor also agrees that it will not engage, participate, or take part in any action conflicting with this Assignment, including but not limited to challenging the validity or patentability or enforceability of any patent rights relating to this invention or assisting others with such a challenge.

If any provision in this Assignment is held invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

PATENT Page 1 of 2 Modified 2/7/18 REEL: 048236 FRAME: 0419

COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: ABEL-316US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

	Typed or Printed	Name	Signature	DESCRIPTION OF THE PROPERTY OF	Date
	1. Allison White	å	aniuns		1/11/2019
			* Witness	Section of the sectio	
	2. Yihong Li				
			* Witness		
	3. Oscar Madale	na		- -	
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**Assignee					
Signature					
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Date					
Application for U	nited States Letters Pat	ent:			
Serial No.:		<u>16/131,92</u>	<u>21</u>		
Filed: September 14, 2018					
Attorney Docket	Number:	ABEL-310	BUS		
Total Number	of Assignment Pages		* Witness signature recom **Assignee signature recom		
					Page 2 of 2

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COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: ABEL-316US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

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		Typed or Printed Name	Signature	Date
	1.	Allison White		
			* Witness	
	2.	Yihong Li	Ghorer	11/19/2018
			* Witness	
	3.	Oscar Madalena		
SIGNATURE			* Witness	
OIOIW (TOKE	4.			
		P.(ANN))	* Witness	
	5.			
			* Witness	
	6.		Williass	
			* Witness	
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**Assignee		,		
Signature				
Typed or printed i	name			
Date				
Application for Ur	nited S	states Letters Patent:		
Serial No.:		<u>16/131,92</u>	<u>1</u>	
Filed:	September 14, 2018			
Attorney Docket N	Numbe	er: ABEL-316	sus	
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			Assignee signature recommended, mai	idatory for some countries

PATENT Page 2 of 2 Modified 2/7/18 REEL: 048236 FRAME: 0421

COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: ABEL-316US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

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	(manuscrimina)	Typed or Printed	d Name	Signature	enmunummenummenummenummenummen	Date
	1.	Allison White				
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	3.	Oscar Madale	na	Um Li hulu	·	11/27/2018
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