

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5719037

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHIGEHARU NAKAMOTO	08/29/2019
HIROMI HIROTA	08/29/2019
HARUMI TAKEUCHI	08/29/2019
TAKAHIRO TSUJI	08/29/2019
SATOSHI HIROSE	08/29/2019
MASANORI YONEDA	08/29/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HAIER ASIA CO., LTD
<b>Street Address:</b>	10TH FLOOR MEIJI YASUDA SEIMEI BUILDING
<b>Internal Address:</b>	2-1-1 MARUNOUCHI, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-0005
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15557127
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)707-2010
<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>	16503288500
<b>Email:</b>	Wardadm@gtlaw.com
<b>Correspondent Name:</b>	EMA MAJIC
<b>Address Line 1:</b>	GREENBERG TRAURIG, LLP
<b>Address Line 2:</b>	77 WEST WACKER DRIVE, SUITE 3100
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601
<b>ATTORNEY DOCKET NUMBER:</b>	172136-201600/US
<b>NAME OF SUBMITTER:</b>	EMA MAJIC
<b>SIGNATURE:</b>	/Ema Majic/
<b>DATE SIGNED:</b>	09/13/2019

PATENT

**Total Attachments: 6**

source=172136-201600\_15557127\_Assignment#page1.tif

source=172136-201600\_15557127\_Assignment#page2.tif

source=172136-201600\_15557127\_Assignment#page3.tif

source=172136-201600\_15557127\_Assignment#page4.tif

source=172136-201600\_15557127\_Assignment#page5.tif

source=172136-201600\_15557127\_Assignment#page6.tif

**COMBINED PATENT ASSIGNMENT AND DECLARATION**

As the below named inventor of an invention entitled,

**DRUM WASHING MACHINE**

I HEREBY DECLARE that:

This declaration is directed to

- the attached application, or
- United States Patent Application Serial Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that 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.

I HEREBY STATE that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to

**HAIER ASIA CO., LTD.**, a corporation organized and existing under the laws of Japan, having a mailing address of 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku Tokyo 100-0005, Japan, and **QINGDAO HAIER WASHING MACHINE CO., LTD.**, a corporation organized and existing under the laws of China, having a mailing address of No.1 Haier Road, Laoshan District Qingdao, Shandong 266101, China (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries

the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any nonprovisional, continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Legal Name of Inventor	Last Name NAKAMOTO	First Name Shigeharu	Middle Name
Residence & Citizenship	City Tokyo	Country Japan	Country of Citizenship Japan
Mailing Address	Street 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku	City Tokyo	State & Zip Code Japan, 100-0005
Signature of inventor: <i>NAKAMOTO, Shigeharu</i>		Date: <i>August 29, 2017</i>	

**COMBINED PATENT ASSIGNMENT AND DECLARATION**

As the below named inventor of an invention entitled,

**DRUM WASHING MACHINE**

I HEREBY DECLARE that:

This declaration is directed to

- the attached application, or
- United States Patent Application Serial Number \_\_\_\_\_ filed on \_\_\_\_\_

The above-identified application was made or authorized to be made by me.

I believe that 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.

I HEREBY STATE that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to

**HAIER ASIA CO., LTD**, a corporation organized and existing under the laws of Japan, having a mailing address of 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku Tokyo 100-0005, Japan, and **QINGDAO HAIER WASHING MACHINE CO., LTD.**, a corporation organized and existing under the laws of China, having a mailing address of No.1 Haier Road, Laoshan District Qingdao, Shandong 266101, China (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries

the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any nonprovisional, continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted

I HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Legal Name of Inventor	Last Name HIROTA	First Name Hiromi	Middle Name
Residence & Citizenship	City Tokyo	Country Japan	Country of Citizenship Japan
Mailing Address	Street 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku	City Tokyo	State & Zip Code Japan, 100-0005
Signature of Inventor: <i>HIROTA, Hiromi</i>		Date: <i>August 29, 2017</i>	

**COMBINED PATENT ASSIGNMENT AND DECLARATION**

As the below named inventor of an invention entitled,

**DRUM WASHING MACHINE**

I HEREBY DECLARE that:

This declaration is directed to

- the attached application, or
- United States Patent Application Serial Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that 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.

I HEREBY STATE that I have reviewed and understand the contents of the above-identified application, including the claims, and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to

**HAIER ASIA CO., LTD.**, a corporation organized and existing under the laws of Japan, having a mailing address of 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku Tokyo 100-0005, Japan, and **QINGDAO HAIER WASHING MACHINE CO., LTD.**, a corporation organized and existing under the laws of China, having a mailing address of No.1 Haier Road, Laoshan District Qingdao, Shandong 266101, China (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries

the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any nonprovisional, continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

<b>Legal Name of Inventor</b>	<b>Last Name</b> TAKEUCHI	<b>First Name</b> Harumi	<b>Middle Name</b>
<b>Residence &amp; Citizenship</b>	<b>City</b> Tokyo	<b>Country</b> Japan	<b>Country of Citizenship</b> Japan
<b>Mailing Address</b>	<b>Street</b> 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku	<b>City</b> Tokyo	<b>State &amp; Zip Code</b> Japan, 100-0005
<b>Signature of Inventor:</b> TAKEUCHI, Harumi		<b>Date:</b> August 19, 2011	

**COMBINED PATENT ASSIGNMENT AND DECLARATION**

As the below named inventor of an invention entitled,

**DRUM WASHING MACHINE**

I HEREBY DECLARE that:

This declaration is directed to

the attached application, or

United States Patent Application Serial Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that 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.

I HEREBY STATE that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to

**HAIER ASIA CO., LTD.**, a corporation organized and existing under the laws of Japan, having a mailing address of 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku Tokyo 100-0005, Japan, and **QINGDAO HAIER WASHING MACHINE CO., LTD.**, a corporation organized and existing under the laws of China, having a mailing address of No.1 Haier Road, Laoshan District Qingdao, Shandong 266101, China (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries

the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any nonprovisional, continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Legal Name of Inventor	Last Name TSUJI	First Name Takahiro	Middle Name
Residence & Citizenship	City Tokyo	Country Japan	Country of Citizenship Japan
Mailing Address	Street 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku	City Tokyo	State & Zip Code Japan, 100-0005
Signature of Inventor: TSUJI, Takahiro		Date: August 29, 2017	

**COMBINED PATENT ASSIGNMENT AND DECLARATION**

As the below named inventor of an invention entitled,

**DRUM WASHING MACHINE**

I HEREBY DECLARE that:

This declaration is directed to

- the attached application, or
- United States Patent Application Serial Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that 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.

I HEREBY STATE that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to

**HAIER ASIA CO., LTD.**, a corporation organized and existing under the laws of Japan, having a mailing address of 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku Tokyo 100-0005, Japan, and **QINGDAO HAIER WASHING MACHINE CO., LTD.**, a corporation organized and existing under the laws of China, having a mailing address of No. 1 Haier Road, Laoshan District Qingdao, Shandong 266101, China (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries

the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any nonprovisional, continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Legal Name of Inventor	Last Name HIROSE	First Name Satoshi	Middle Name
Residence & Citizenship	City Tokyo	Country Japan	Country of Citizenship Japan
Mailing Address	Street 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku	City Tokyo	State & Zip Code Japan, 100-0005
Signature of Inventor: <i>HIROSE, Satoshi</i>		Date: <i>August 29, 2017</i>	

**COMBINED PATENT ASSIGNMENT AND DECLARATION**

As the below named inventor of an invention entitled,

**DRUM WASHING MACHINE**

I HEREBY DECLARE that:

This declaration is directed to

- the attached application, or
- United States Patent Application Serial Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that 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.

I HEREBY STATE that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to

**HAIER ASIA CO., LTD.**, a corporation organized and existing under the laws of Japan, having a mailing address of 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku Tokyo 100-0005, Japan, and **QINGDAO HAIER WASHING MACHINE CO., LTD.**, a corporation organized and existing under the laws of China, having a mailing address of No.1 Haier Road, Laoshan District Qingdao, Shandong 266101, China (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries

the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any nonprovisional, continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Legal Name of Inventor	Last Name YONEDA	First Name Masanori	Middle Name
Residence & Citizenship	City Tokyo	Country Japan	Country of Citizenship Japan
Mailing Address	Street 10th Floor Meiji Yasuda Seimei Building, 2-1-1 Marunouchi, Chiyoda-ku	City Tokyo	State & Zip Code Japan, 100-0005
Signature of Inventor: <i>YONEDA, Masanori</i>		Date: <i>August 29, 2017</i>	