

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4348040

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the GIVEN NAME OF THE SECOND INVENTOR previously recorded on Reel 041164 Frame 0155. Assignor(s) hereby confirms the CORRECT GIVEN NAME OF THE SECOND INVENTOR IS HIROBUMI.

## CONVEYING PARTY DATA

Name	Execution Date
KENICHI NOMURA	02/01/2017
HIROBUMI USHIJIMA	02/01/2017
KENGO NOGUCHI	01/12/2017
NORIKO MICHIHATA	01/12/2017
TAKESHI KOBAYASHI	01/12/2017
MASAAKI KAWABE	01/12/2017

## RECEIVING PARTY DATA

<b>Name:</b>	JAPAN VILENE COMPANY, LTD.
<b>Street Address:</b>	5-6-4, TSUKIJI
<b>Internal Address:</b>	CHUO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	104-8423
<b>Name:</b>	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
<b>Street Address:</b>	3-1, KASUMIGASEKI 1-CHOME
<b>Internal Address:</b>	CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-8921

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15501399

## CORRESPONDENCE DATA

Fax Number: (518)452-5579

*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.*

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<b>ATTORNEY DOCKET NUMBER:</b>	2352.073
<b>NAME OF SUBMITTER:</b>	ERICA M. HINES
<b>SIGNATURE:</b>	/Erica M. Hines/
<b>DATE SIGNED:</b>	03/31/2017

**Total Attachments: 7**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4257838

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
KENICHI NOMURA	02/01/2017
<del>HIROSHI USHIJIMA</del> HIROBUMI USHIJIMA	02/01/2017
KENGO NOGUCHI	01/12/2017
NORIKO MICHIHATA	01/12/2017
TAKESHI KOBAYASHI	01/12/2017
MASAAKI KAWABE	01/12/2017

## RECEIVING PARTY DATA

<b>Name:</b>	JAPAN VILENE COMPANY, LTD.
<b>Street Address:</b>	5-6-4, TSUKIJI
<b>Internal Address:</b>	CHUO-KU
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<b>Name:</b>	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
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Phone: 518-452-5600

Email: victoria.fleming@hrfmlaw.com

Correspondent Name: HESLIN ROTHENBERG FARLEY & MESITI P.C.

PATENT

REEL: 042125 FRAME: 0073

## ASSIGNMENT AND DECLARATION

WHEREAS, We,

**Kenichi NOMURA**, a citizen of Japan, whose address is c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 5, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8565, Japan;

~~Hirobumi~~ <sup>(Hirobumi)</sup> ~~Hiroshi~~ **USHIJIMA**, a citizen of Japan, whose address is c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 5, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8565, Japan;

**Kengo NOGUCHI**, a citizen of Japan, whose address is c/o Japan Vilene Company, Ltd., 7, Kitatone, Koga-shi, Ibaraki 306-0213, Japan;

**Noriko MICHIHATA**, a citizen of Japan, whose address is c/o Japan Vilene Company, Ltd., 7, Kitatone, Koga-shi, Ibaraki 306-0213, Japan;

**Takeshi KOBAYASHI**, a citizen of Japan, whose address is c/o Japan Vilene Company, Ltd., 7, Kitatone, Koga-shi, Ibaraki 306-0213, Japan; and

**Masaaki KAWABE**, a citizen of Japan, whose address is c/o Japan Vilene Company, Ltd., 7, Kitatone, Koga-shi, Ibaraki 306-0213, Japan

have invented certain new and useful improvements in

### AIR-PERMEABLE SHEET

which is the subject of a United States Application, and We hereby authorize and request our representative, Caroline B. Ahn of Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, New York 12203, to insert here in parenthesis (Application Number 15/501,399 \_\_\_\_\_, filed February 2, 2017), the filing date and application number of said application when known; and

WHEREAS, **JAPAN VILENE COMPANY, LTD.**, having offices at 5-6-4, Tsukiji, Chuo-ku, Tokyo 104-8423, Japan, and **National Institute of Advanced Industrial Science and Technology**, having offices at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, Japan, are desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, ~~Hirobumi~~ <sup>(Hirobumi)</sup> ~~Hiroshi~~ **USHIJIMA**, **Kengo NOGUCHI**, **Noriko MICHIHATA**, **Takeshi KOBAYASHI** and **Masaaki KAWABE**, do hereby assign, transfer and set over to **JAPAN VILENE COMPANY, LTD.** and **National Institute of Advanced Industrial Science and Technology**, their successors, legal representatives and assigns, the entire

right title and interest in, to and under said improvements, of above-identified application - including the right to claim priority to said application - all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to **JAPAN VILENE COMPANY, LTD. and National Institute of Advanced Industrial Science and Technology**, their successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We will communicate to **JAPAN VILENE COMPANY, LTD. and National Institute of Advanced Industrial Science and Technology**, their successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **JAPAN VILENE COMPANY, LTD. and National Institute of Advanced Industrial Science and Technology**, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries;

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND WE HEREBY, as the above named inventors, declare that the above-identified application was made or authorized to be made by us;

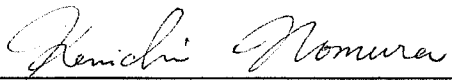
AND WE HEREBY, as the above named inventors, declare that we believe that we are original joint inventors of a claimed invention in the above-identified application;

AND WE HEREBY state that we have reviewed and understand the contents of the above-identified specification, including the claims;

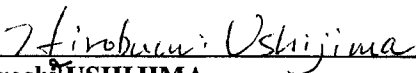
AND WE HEREBY acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

AND WE HEREBY declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that any willful false statements and the like so made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1st day of February, 2017.

  
\_\_\_\_\_  
Kenichi NOMURA

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1st day of February, 2017.

  
\_\_\_\_\_  
Hirobumi USHIJIMA  
Hirobumi  
EMM  
2/1/17

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of  
January, 2017.

Kengo NOGUCHI  
Kengo NOGUCHI

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of  
January, 2017.

道畑典子  
Noriko MICHIHATA

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of  
January, 2017.

小林剛  
Takeshi KOBAYASHI

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of  
January, 2017.

川部雅章  
Masaaki KAWABE