

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KAZUO HONDA	12/16/2011
TERUMASA HASHIMOTO	12/16/2011
KEITA SHIBATA	12/06/2011
KEIKO HASEGAWA	12/15/2011
KEIJI HASUMI	12/15/2011
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	183-8538
<b>Name:</b>	TMS CO., LTD.
<b>Street Address:</b>	201, K&M AZABU, 29-3
<b>Internal Address:</b>	HIGASHI-AZABU 1-CHOME, MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	106-0044
<b>Name:</b>	SHOWA UNIVERSITY
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<b>Internal Address:</b>	SHINAGAWA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	142-8555
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15496256
<b>Application Number:</b>	16584521
<b>CORRESPONDENCE DATA</b>	
<b>PATENT</b>	

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***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>	593017: TMS-001RE - 1OF2
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<b>NAME OF SUBMITTER:</b>	SEAN M. COUGHLIN, ESQ.
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<b>SIGNATURE:</b>	/Sean M. Coughlin/
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<b>DATE SIGNED:</b>	10/02/2019
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**Total Attachments: 4**

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# ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventors:

Name	Address
Inventor (1): Kazuo HONDA	residing at: c/o Showa University 1-5-8, Hatanodai, Shinagawa-ku, Tokyo 142-8555, Japan Citizenship: Japan
Inventor (2): Terumasa HASHIMOTO	residing at: c/o Showa University 1-5-8, Hatanodai, Shinagawa-ku, Tokyo 142-8555, Japan Citizenship: Japan
Inventor (3): Keita SHIBATA	residing at: c/o Showa University 1-5-8, Hatanodai, Shinagawa-ku, Tokyo 142-8555, Japan Citizenship: Japan
Inventor (4): Keiko HASEGAWA	residing at: c/o TMS Co., Ltd. Building No.7 Room No.111, National University Corporation Tokyo University of Agriculture and Technology, 3-5-8, Saiwai-cho, Fuchu-shi, Tokyo 183-8538, Japan Citizenship: Japan
Inventor (5): Keiji HASUMI	residing at: c/o National University Corporation Tokyo University of Agriculture and Technology, 3-8-1, Harumi-cho, Fuchu-shi, Tokyo 183-8538, Japan Citizenship: Japan

declare that they are citizens of the country indicated above and with residences as listed above,

Hereby sell, assign and transfer to National University Corporation Tokyo University of Agriculture and Technology a corporation of the nation of Japan hereafter called the "Assignee," having a place of business at: 3-8-1, Harumi-cho, Fuchu-shi, Tokyo 183-8538 JAPAN, Showa University a corporation of the nation of Japan hereafter called the "Assignee," having a place of business at: 1-5-8, Hatanodai, Shinagawa-ku, Tokyo 142-8555, JAPAN and TMS Co., Ltd. a corporation of the nation of Japan hereafter called the "Assignee," having a place of business at: 201, K&M Azabu, 29-3, Higashi-Azabu 1-chome, Minato-ku, Tokyo 106-0044, JAPAN

To its successors, assigns and legal representatives, the entire right, title and interest for the United States, in and to any and all improvements which are described and claimed in the X attached specification executed on December 15 and 16, 2011, X specification Serial No. 13/381,995, filed JAN. 3, 2012, based upon and claiming priority to \_\_\_\_\_ filed on \_\_\_\_\_, \_\_\_\_\_ U.S. Letters Patent No. \_\_\_\_\_; issued \_\_\_\_\_,

entitled: CYTOPROTECTIVE AGENT,

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and


Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned further declare that all statements made herein of their 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 willful false statements and the like so made are punishable by fine or imprisonment, 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 issuing thereon.

DATE Dec. 16, 2011

 (L.S.)  
Name: Kazuo HONDA

DATE Dec. 16, 2011

 (L.S.)  
Name: Terumasa HASHIMOTO

DATE \_\_\_\_\_

\_\_\_\_\_  
(L.S.)  
Name: Keita SHIBATA

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned further declare that all statements made herein of their 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 willful false statements and the like so made are punishable by fine or imprisonment, 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 issuing thereon.

DATE \_\_\_\_\_

\_\_\_\_\_  
(L.S.)  
Name: Kazuo HONDA

DATE \_\_\_\_\_

\_\_\_\_\_  
(L.S.)  
Name: Terumasa HASHIMOTO

DATE 12/06/2011

Keita Shibata  
(L.S.)  
Name: Keita SHIBATA

DATE December, 15, 2011

Keiko Hasegawa (L.S.)  
Name: Keiko HASEGAWA

DATE December 15, 2011

Keiji Hasumi (L.S.)  
Name: Keiji HASUMI