

## 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>
SHUNICHI MORISHIMA	12/13/2018
TOSHIO KOZASA	12/13/2018
MASATAKE HATANO	12/13/2018
KAZUAKI KISHIMOTO	12/13/2018
YUKIO TAKEUCHI	12/13/2018
MASAYUKI YAMASHITA	12/13/2018
HITOSHI OJIKA	12/13/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MITSUBISHI HEAVY INDUSTRIES, LTD.
<b>Street Address:</b>	16-5, KONAN 2-CHOME
<b>Internal Address:</b>	MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-8215
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16313089
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	4554-497
<b>NAME OF SUBMITTER:</b>	BENJAMIN J. HAUPTMAN
<b>SIGNATURE:</b>	/Benjamin J. Hauptman/

PATENT

<b>DATE SIGNED:</b>	12/24/2018
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif	

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
*(Insert Name(s) & Address(es) of ASSIGNEE(S))*

    MITSUBISHI HEAVY INDUSTRIES, LTD.    

    16-5, Konan 2-chome, Minato-ku Tokyo 108-8215 Japan    

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
*(Title of Invention)*

    COMPOSITE MATERIAL MEMBER, GAP MATERIAL, PULTRUSION DEVICE, AND      
    PULTRUSION METHOD    

relating to international Patent Application PCT/JP2017/025824 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; *(Insert date of execution of application, if not concurrent)*

(b) filed on \_\_\_\_\_,  
 Serial No. \_\_\_\_\_ / \_\_\_\_\_;

*Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.*

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)	<u>    Shunichi Morishima    </u> <i>(Signature)</i>	<u>    Shunichi MORISHIMA    </u> <i>(Type Name)</i>	<u>    Dec. 13, 2018    </u> <i>(Date)</i>
2)	<u>    Toshio Kozasa    </u> <i>(Signature)</i>	<u>    Toshio KOZASA    </u> <i>(Type Name)</i>	<u>    Dec. 13, 2018    </u> <i>(Date)</i>
3)	<u>    Masatake Hatano    </u> <i>(Signature)</i>	<u>    Masatake HATANO    </u> <i>(Type Name)</i>	<u>    Dec. 13, 2018    </u> <i>(Date)</i>
4)	_____ <i>(Signature)</i>	<u>    Kazuaki KISHIMOTO    </u> <i>(Type Name)</i>	_____ <i>(Date)</i>
5)	_____ <i>(Signature)</i>	<u>    Yukio TAKEUCHI    </u> <i>(Type Name)</i>	_____ <i>(Date)</i>
6)	_____ <i>(Signature)</i>	<u>    Masayuki YAMASHITA    </u> <i>(Type Name)</i>	_____ <i>(Date)</i>
7)	<u>    Hitoshi Ojika    </u> <i>(Signature)</i>	<u>    Hitoshi OJIKA    </u> <i>(Type Name)</i>	<u>    Dec. 13, 2018    </u> <i>(Date)</i>

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(a) executed on \_\_\_\_\_; *(Insert date of execution of application, if not concurrent)*

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 Serial No. \_\_\_\_\_ / \_\_\_\_\_;

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1) _____ <i>(Signature)</i>	Shunichi MORISHIMA <i>(Type Name)</i>	_____ <i>(Date)</i>
2) _____ <i>(Signature)</i>	Toshio KOZASA <i>(Type Name)</i>	_____ <i>(Date)</i>
3) _____ <i>(Signature)</i>	Masatake HATANO <i>(Type Name)</i>	_____ <i>(Date)</i>
4) <u>Kazuaki Kishimoto</u> <i>(Signature)</i>	Kazuaki KISHIMOTO <i>(Type Name)</i>	Dec. 13, 2018 <i>(Date)</i>
5) <u>Yukio Takeuchi</u> <i>(Signature)</i>	Yukio TAKEUCHI <i>(Type Name)</i>	Dec. 13, 2018 <i>(Date)</i>
6) <u>Masayuki Yamashita</u> <i>(Signature)</i>	Masayuki YAMASHITA <i>(Type Name)</i>	Dec. 13, 2018 <i>(Date)</i>
7) _____ <i>(Signature)</i>	Hitoshi OJIKI <i>(Type Name)</i>	_____ <i>(Date)</i>