

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5249662

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hitoshi IWASAKA	11/15/2018
Yuji KASAI	11/15/2018
Hideyuki TOKUNAGA	11/15/2018
Katsuhiko KOSHIISHI	11/15/2018
Hidemitsu TANAKA	11/15/2018
Katsutoshi MINOURA	11/15/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HARMOTEC CO., LTD.
<b>Street Address:</b>	4-1-32, SUMIYOSHI
<b>City:</b>	KOFU CITY, YAMANASHI
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	400-0851
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16304189
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)836-2787
<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>	703-836-6400
<b>Email:</b>	email@oliff.com
<b>Correspondent Name:</b>	JAMES A. OLIFF
<b>Address Line 1:</b>	OLIFF PLC
<b>Address Line 2:</b>	P.O. BOX 320850
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22320-4850
<b>ATTORNEY DOCKET NUMBER:</b>	184168
<b>NAME OF SUBMITTER:</b>	KIMBERLY SCOTT
<b>SIGNATURE:</b>	/Kimberly C. Scott/ for James A. Oliff
<b>DATE SIGNED:</b>	11/23/2018

**Total Attachments: 2**

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date November 15, 2018 Inventor Signature H. Iwasaka (SEAL)  
Hitoshi IWASAKA

Date November 15, 2018 Inventor Signature Y. Kasai (SEAL)  
Yuji KASAI

Date November 15, 2018 Inventor Signature H. Tokunaga (SEAL)  
Hideyuki TOKUNAGA

Date November 15, 2018 Inventor Signature K. Koshiishi (SEAL)  
Katsuhiko KOSHIISHI

Date November 15, 2018 Inventor Signature H. Tanaka (SEAL)  
Hidemitsu TANAKA

Date November 15, 2018 Inventor Signature K. MINOURA (SEAL)  
Katsutoshi MINOURA

Date \_\_\_\_\_ Inventor Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Inventor Signature \_\_\_\_\_ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_