

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5770872

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ROHM CO., LTD.	10/11/2019
RECEIVING PARTY DATA		
Name:	HORIBA, LTD.	
Street Address:	2 MIYANOHI GASHI, KISSHOIN	
City:	MINAMI-KU KYOTO	
State/Country:	JAPAN	
Postal Code:	601-8510	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	7972577
CORRESPONDENCE DATA		
Fax Number:	(202)293-0445	
<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>		
Phone:	202-293-0444	
Email:	mailpto@giplaw.com	
Correspondent Name:	GLOBAL IP COUNSELORS, LLP	
Address Line 1:	1233 TWENTIETH STREET, N.W.	
Address Line 2:	SUITE 600	
Address Line 4:	WASHINGTON, D.C. 20036	
ATTORNEY DOCKET NUMBER:	RHM-US030695-A	
NAME OF SUBMITTER:	JOHN C. ROBBINS	
SIGNATURE:	/John C. Robbins/	
DATE SIGNED:	10/15/2019	
Total Attachments: 1		
source=RHM-US030695-A(US7972577) Assignment_ROHM#page1.tif		

ASSIGNMENT

WHEREAS, ROHM CO., LTD., a Japanese Corporation, located and doing business at
21, SAIIN MIZOSAKI-CHO UKYO-KU
KYOTO-SHI KYOTO, JAPAN 615-8585,
(hereinafter ASSIGNOR),

is the owner of the entire right, title and interest, by assignment recorded in the United States Patent and Trademark Office on
February 18, 2010 at Reel No. 023958 Frame 0075, in the invention entitled CHIP USING METHOD AND TEST CHIP, which is
the subject of Letters Patent of the United States Patent No. 7,972,577, issued on July 5, 2011,

WHEREAS, HORIBA, Ltd., a Japanese Corporation, located and doing business at
2 MIYANOHIGASHI, KISSHOIN
MINAMI-KU KYOTO JAPAN 601-8510,
(hereinafter ASSIGNEES),

is desirous of acquiring the right, title and interest in and to the aforementioned invention and the aforementioned United States
Patent and any and all subsequent Letters Patent to be obtained on said invention;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for and in consideration of good and valuable consideration paid to ASSIGNOR by said ASSIGNEES,
the receipt and sufficiency of which is hereby acknowledged, said ASSIGNOR, by these presents does hereby sell, assign, set over and
transfer unto the said ASSIGNEES its successors, legal representatives or assigns, the entire right, title and interest in and to the
aforesaid inventions in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States
Patents and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary
disclosures which may be or have been filed on said inventions in any country; and the right to file said foreign applications and claim
priority under the provisions of the International Convention; and any subsequent Letters Patents of the United States or any foreign
country issued or granted on said inventions;

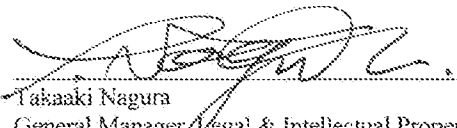
AND ASSIGNOR HEREBY authorizes and requests the U.S. Patent and Trademark Office or other issuing authority to issue
any and all patents on said inventions and/or said applications to said ASSIGNEES, as sole assignees; and ASSIGNOR further hereby
authorizes said ASSIGNEES to file and prosecute any of said foreign applications in their own names;

AND ASSIGNOR HEREBY covenants that it has the full right to convey the entire right, title and interest herein assigned and
that it has not executed and will not execute any assignment or other instrument in conflict herewith;

AND ASSIGNOR HEREBY conveys any and all claims for damages, royalties, profits, interest, costs, and fees by way of
past, present and future infringements of any of the rights included above, as well as but not limited to the right to collect such damages,
royalties, profits, interest, costs, and fees for infringements occurring from the date of publication of the application of the aforementioned
United States Patent to the date of issuance of the aforementioned United States Patent, with the right, but not the obligation, to sue for
and collect such damages, royalties, profits, interest, costs, and fees for said infringements of the aforementioned United States Patent;

AND ASSIGNOR HEREBY further covenants and agrees to communicate to said ASSIGNEES, or its legal representatives,
successors or assigns, any facts relating to said inventions, including evidence for interference purposes or other proceedings, whenever
requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all
lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and
delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to
do every thing possible to aid the said ASSIGNEES, its successors, legal representatives or assigns to obtain and enforce proper patent
protection on and for said inventions in all countries, and likewise I make these provisions binding upon my heirs, legal representatives
and/or administrators.

The undersigned hereby grants the firm of **Global IP Counselors, LLP** the power to insert in this Assignment any further
identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for
recording of this Assignment.


Name: Takaaki Nagura
Title: General Manager, Legal & Intellectual Property Division, ROHM Co., Ltd
On behalf of Assignor
ROHM CO., LTD.

Date: October 11, 2019

S:\09-SEP19-YA\RHM-US030695 & 030695A-Assignments\RHM-US030695-A-Assignment (Rohm to Horiba).doc