

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FUMIHIRO DASAI	07/03/2017
KAZUAKI SAWADA	07/03/2017
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<b>City:</b>	TOYOHASHI-SHI, AICHI
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<b>Postal Code:</b>	4418580
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15543169
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	116566.00046
<b>NAME OF SUBMITTER:</b>	GAVIN J. MILCZAREK-DESAI
<b>SIGNATURE:</b>	/Gavin J. Milczarek-Desai/
<b>DATE SIGNED:</b>	07/12/2017
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **FUMIHIRO DASAI**, (Assignor), do hereby assign and transfer unto **NATIONAL UNIVERSITY CORPORATION TOYOHASHI UNIVERSITY OF TECHNOLOGY**, a university, (hereinafter "Assignee"), having its principal offices at 1-1, Hibarigaoka, Tempaku-cho, Toyohashi-shi, Aichi 4418580, Japan, and unto its successors, assigns and legal representatives, the entire right, title and interest to a certain invention entitled "**DEVICE FOR DETECTING CHEMICAL/PHYSICAL PHENOMENON**" described and illustrated in an application for Letters Patent of the United States of America, Application No. 15/543,169, filed on July 12, 2017, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and in any division, extension, continuation or reissue thereof, said Assignee bearing all patent application expenses, including attorney fees.

I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to Assignee, for the sole use and benefit of Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and/or maintaining patents for said invention in the United States of America for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

The undersigned hereby grant(s) the firm of Quarles & Brady LLP, 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.

Fumihiko Dasai  
Fumihiko Dasai

July 3, 2017  
Date

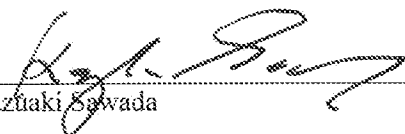
## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **KAZUAKI SAWADA**, (Assignor), do hereby assign and transfer unto **NATIONAL UNIVERSITY CORPORATION TOYOHASHI UNIVERSITY OF TECHNOLOGY**, a university, (hereinafter "Assignee"), having its principal offices at 1-1, Hibarigaoka, Tempaku-cho, Toyohashi-shi, Aichi 4418580, Japan, and unto its successors, assigns and legal representatives, the entire right, title and interest to a certain invention entitled **DEVICE FOR DETECTING CHEMICAL/PHYSICAL PHENOMENON**" described and illustrated in an application for Letters Patent of the United States of America, Application No. 15/543,169, filed on July 12, 2017, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and in any division, extension, continuation or reissue thereof, said Assignee bearing all patent application expenses, including attorney fees.

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Kazuaki Sawada

July 3, 2017  
Date

PATENT

RECORDED: 07/12/2017

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