

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MORIHISA HAMADA	07/05/2018
TATSUYA KONNO	07/05/2018
YUKO HIGUCHI	07/05/2018
RECEIVING PARTY DATA	
Name:	SHIBAURA ELECTRONICS CO., LTD.
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City:	SMITAMA-SHI, SAITAMA
State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16075863
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DATE SIGNED:	08/08/2018
Total Attachments: 4	
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**DECLARATION AND ASSIGNMENT
FOR US UTILITY OR DESIGN PATENT APPLICATION**

Attorney Docket No.: OBA-

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

INFRARED TEMPERATURE SENSOR AND
METHOD OF MANUFACTURING THE SAME

(check only one item below)

attached hereto,

OR

filed on (YYYY/MM/DD) 2017/06/06 as United States Application Number or PCT
International Application Number PCT/JP2017/020923

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the
above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable
under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, new and useful improvements have been made by the undersigned as
described in the above-identified application.

WHEREAS, SHIBAURA ELECTRONICS CO., LTD., having a place of business at
1-24, 2-chome Kamiochiai, Chuo-ku, Saitama-shi, Saitama 3380001 Japan, hereinafter
referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the
world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and
sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States
and throughout the world, in, to and under said improvements and inventions and all patents,
patent applications, patent rights, and inventors' certificates thereof, therefor, and therein,
including without limitation said application for patent in the United States, all divisions and
continuations thereof, all patents which may be granted thereon, all reissues and extensions
thereof, all right to sue for past infringement thereunder, all patents which may be granted for
said improvements and inventions by states or nations other than the United States, or by other
authority, entity, or organization, and all applications therefor, have been and are hereby sold,

assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Legal Name of Inventor: Morihisa HAMADA

Signature of Inventor: Morihisa Hamada

Date: July 5, 2018

Witness: 中山 浩行

Witness: Yoshinaka Nishijima

Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Additional Inventor(s)

Legal Name of Inventor: Tatsuya KONNO

Signature of Inventor: 今野 達也

Date: July 5, 2018

Witness: 中山 法行

Witness: Takumi Nakajima

Additional Inventor(s)

Legal Name of Inventor: Yuko HIGUCHI

Signature of Inventor: Yuko HIGUCHI

Date: July 5, 2018

Witness: 中山 浩行

Witness: Yoshinori Nakajima