PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSUKE WATANABE	06/26/2020
KENYA KAWABATA	06/26/2020
YOSHIKATSU INAGAKI	06/26/2020
TATSURO MIURA	06/29/2020
KAZUAKI AOTANI	06/29/2020
TOSHIAKI NAKAMURA	06/30/2020

RECEIVING PARTY DATA

Name:	FURUKAWA ELECTRIC CO., LTD.	
Street Address:	2-3, MARUNOUCHI 2-CHOME, CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	1008322	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17010599

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	6687-0174PUS1
NAME OF SUBMITTER:	TAN T. TU
SIGNATURE:	/TAN T. TU/
DATE SIGNED:	09/02/2020

Total Attachments: 4

PATENT REEL: 053677 FRAME: 0920

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> PATENT REEL: 053677 FRAME: 0921

Application No.: 17010599 filed 09/02/2020

DECLARATION AND ASSIGNMENT FOR US UTILITY OR DESIGN PATENT APPLICATION

Attorney Docket No.: <u>6687-0174PUS1</u>

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

this declaration is directed to the application entitled:

Application Number PCT/JP2020/015595.

HEATSINK

(check only one item below)
[X] attached hereto,
OR
[] filed on <u>April 7, 2020</u> as United States Application Number or PCT International

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, <u>FURUKAWA ELECTRIC CO., LTD.</u> having a place of business at <u>2-3</u>, <u>Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322, Japan</u>, hereafter 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

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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	: Yosuke WATANABE	
Signature of Inventor: _	Josuke Watanabe	-
Date: June 26,	2020	
Witness:		
Witness:	· · · · · · · · · · · · · · · · · · ·	

[x] 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.

Legal Name of Inventor: Kenya KAWABATA
Signature of Inventor: Kenya Kavalatu
Date: June. 26, 2020
Witness:
Witness:
Legal Name of Inventor: Yoshikatsu INAGAKI
Signature of Inventor: Yashihatsu Snageh
Date: June 26. 2020
Witness:
Witness:
Legal Name of Inventor: <u>Tatsuro MIURA</u>
Signature of Inventor: <u>Jaxsurv</u> Miura
Date: June 29. 2020
Witness:
YVIItnoggs

Legal Name of Inventor: Kazuaki AOTANI
Signature of Inventor: Kayuaki Artani
Date: June 29, 2020
Witness:
Witness:
Legal Name of Inventor: <u>Toshiaki NAKAMURA</u>
Signature of Inventor: Joshiaki hakamura
Date: June 30.2020
Witness: