

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUSAKU SHIBATA	03/06/2020
HAYATO TAKAKURA	03/06/2020
MASAKI ITO	03/06/2020
YOSHIHIRO KAWAMURA	03/06/2020
SHUICHI WAKAKI	02/27/2020
RECEIVING PARTY DATA	
Name:	NITTO DENKO CORPORATION
Street Address:	1-2, SHIMO-HOZUMI 1-CHOME, IBARAKI-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	567-8680
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16649825
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NAME OF SUBMITTER:	JEAN C. EDWARDS
SIGNATURE:	/Jean C. Edwards/
DATE SIGNED:	06/11/2020
Total Attachments: 3	
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ASSIGNMENT

WHEREAS I/We, Shusaku SHIBATA, Hayato TAKAKURA, Masaki ITO, Yoshihiro KAWAMURA and Shuichi WAKAKI having an address of c/o NITTO DENKO CORPORATION, 1-2, Shimo-hozumi 1-chome, Ibaraki-shi, Osaka 567-8680, Japan, ("Assignors"), have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled, WIRED CIRCUIT BOARD, PRODUCING METHOD THEREOF, AND IMAGING DEVICE, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on March 23, 2020, and identified by United States Serial No. 16/649, 825;

WHEREAS, Assignors believes themselves to be the original, first and sole inventors of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, NITTO DENKO CORPORATION, having an address of 1-2, Shimo-hozumi 1-chome, Ibaraki-shi, Osaka 567-8680, Japan, ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignors do hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors and assigns, the entire right, title and interest in and to said invention, including the full right to claim for any such application all benefits and priority rights under any applicable convention and the right to sue for past or future infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, Assignors hereby agree with the said Assignee that Assignors will not execute any writing or do any act whatsoever conflicting with this sale, assignment or transfer, and that Assignors will, at any time upon request, without further or additional consideration but at the expense of said Assignee, assist Assignee in every way to obtain and execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to enforce patents, copyrights, and other rights or registrations on this invention, in order to perfect the Assignee's enjoyment of this grant, and to render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements, declarations, and other affidavits, it being understood that the foregoing covenant and agreement shall bind Assignors, their legal representatives, successors and assigns, and inure to the benefit of said Assignee, its legal representatives, successors and assigns;

The undersigned hereby grants the firm of EDWARDS NEILS PLLC the power to insert on this Assignment any further identification, including the application number and filing date, 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.

Attorney Docket No.: 71450.0481
Customer No.: 13155

AND Assignors request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date: <u>March 6, 2020</u>	<u>Shusaku SHIBATA</u> Shusaku SHIBATA
Date: <u>3.6.2020</u>	<u>Hayato TAKAKURA</u> Hayato TAKAKURA
Date: <u>3.6.2020</u>	<u>Masaki ITO</u> Masaki ITO
Date: <u>3.6.2020</u>	<u>Yoshihiro KAWAMURA</u> Yoshihiro KAWAMURA
Date: _____	_____ Shuichi WAKAKI

(NOTE: Legalization is not required for recording, but is *prima facie* evidence of execution under 35 U.S.C. 261).

Attorney Docket No.: 71450.0481
Customer No.: 13155

AND Assignors request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date:
Shuniku SHIBATA

Date:
Hayato TAKAKURA

Date:
Masaki ITO

Date:
Yoshihiro KAWAMURA

Date: Feb. 29th / 2020

Shuichi WAKAKI

(NOTE: Legalization is not required for recording, but is *prima facie* evidence of execution under 35 U.S.C. 261).