PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MURATA ELECTRONICS OY	11/06/2020

RECEIVING PARTY DATA

Name:	MURATA MANUFACTURING CO., LTD.	
Street Address:	10-1, HIGASHIKOTARI 1-CHOME	
City:	NAGAOKAKYO-SHI, KYOTO 617-8555	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 42

Property Type	Number
Patent Number:	6829937
Patent Number:	6862795
Patent Number:	6938485
Patent Number:	6998059
Patent Number:	7252007
Patent Number:	7302857
Patent Number:	7325451
Patent Number:	7340955
Patent Number:	7398683
Patent Number:	7426863
Patent Number:	7454971
Patent Number:	7516038
Patent Number:	7555950
Patent Number:	7682861
Patent Number:	7716983
Patent Number:	7932568
Patent Number:	7962309
Patent Number:	7982291
Patent Number:	8102224
Patent Number:	8104343
Patent Number:	8124435

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Property Type	Number
Patent Number:	8176779
Patent Number:	8229700
Patent Number:	8334736
Patent Number:	8450816
Patent Number:	8474316
Patent Number:	8635909
Patent Number:	8646333
Patent Number:	8723611
Patent Number:	8878421
Patent Number:	8904865
Patent Number:	8922098
Patent Number:	8997565
Patent Number:	9127943
Patent Number:	9184131
Patent Number:	9279825
Patent Number:	9366690
Patent Number:	9372549
Patent Number:	9518828
Patent Number:	9647577
Patent Number:	9651574
Patent Number:	9828239

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DATE SIGNED:	10/05/2021

Total Attachments: 1

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UNITED STATES OF AMERICA

ASSIGNMENT OF PATENT

U.S. Patent Nos.: 6829937, 6862795, 6938485, 6998059, 7252007, 7302857, 7325451, 7340955, 7398683, 7426863, 7454971, 7516038, 7555950, 7682861, 7716983, 7932568, 7962309, 7982291, 8102224, 8104343, 8124435, 8176779, 8229700, 8334736, 8450816, 8474316, 8635909, 8646333, 8723611, 8878421, 8904865, 8922098, 8997565, 9127943, 9184131, 9279825, 9366690, 9372549, 9518828, 9647577, 9651574, 9828239

For good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, Murata Electronics Oy, a company organized under the laws of Finland, having an address at Myllynkivenkuja 6, 01620 Vantaa, Finland (Assignor), hereby sells, assigns, transfers and sets over to Murata Manufacturing Co., Ltd., a company organized under the laws of Japan, having an address at 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555, Japan (Assignee) and to the successors and assigns of Assignee, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the U.S. Patent Nos. mentioned above; THEREOF, and in said patents and any and all other applications, both United States and foreign, which the undersigned may have filed and/or may file, either solely or jointly with others, on said inventions or improvements in any United States or foreign patent application claiming priority from, or claiming the same or improved invention as, any or all of the applications upon which said U.S. Patents issued, and in any and all Letters Patent or industrial models of the United States and foreign countries which may be obtained on any of said applications and in any reissue or extension of such patents, for the full term or terms for which said Patent, Patents or Industrial Design are or may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made; together with all claims for damages by reason of past infringement of any or all of said Patents with the right to sue for and collect the same.

Assignor warrants itself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interests herein assigned. Assignor hereby covenants that no other assignment, sale, agreement or encumbrance will be made or entered into which would conflict with this sale and assignment.

Assignor further covenants that Assignee will, upon its request and at the expense of Assignee, be provided promptly with all pertinent facts and documents relating to said inventions and said Letters Patents and legal equivalents as may be known and accessible to Assignor and will testify or cause appropriate persons to testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute or have executed, to the best of its ability, and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce any and all of said applications, said inventions and said letters patent and foreign equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Murata Electronics Ov

Tong Lows

2020/11/6

Tomy Runne

By: Managing Director (Name and Title)

To be simply signed

RECORDED: 10/05/2021

PATENT REEL: 057705 FRAME: 0893