

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3779293

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUSUMU KUSAKABE	03/10/2016
FUMIO KUBONO	03/04/2016
MASANOBU SATO	03/04/2016
KEIICHI NANBU	03/04/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUADRAC CO., LTD.
<b>Street Address:</b>	3-1-24, EBISUMINAMI, SHIBUYA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	1500022
<b>Name:</b>	JR EAST MECHATRONICS CO., LTD.
<b>Street Address:</b>	2-1-1, YOYOGI, SHIBUYA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	1510053
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14897750
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)205-8050
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<b>Phone:</b>	703-205-8000
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<b>Correspondent Name:</b>	BIRCH, STEWART, KOLASCH & BIRCH, LLP
<b>Address Line 1:</b>	P.O. BOX 747
<b>Address Line 4:</b>	FALLS CHURCH, VIRGINIA 22040-0747
<b>ATTORNEY DOCKET NUMBER:</b>	5319-0109PUS1
<b>NAME OF SUBMITTER:</b>	TAN TU

<b>SIGNATURE:</b>	/Tu T. Tan/
<b>DATE SIGNED:</b>	03/11/2016
<b>Total Attachments: 3</b> source=UpdatedDeclarationAssignment#page1.tif source=UpdatedDeclarationAssignment#page2.tif source=UpdatedDeclarationAssignment#page3.tif	

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
P.O. Box 747 • Falls Church, Virginia 22040-0747  
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**DECLARATION AND ASSIGNMENT  
FOR PATENT AND DESIGN APPLICATIONS**

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS  
(MULTIPLE ASSIGNEES)

Title of Invention ⇒ NON-CONTACT COMMUNICATION DEVICE

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

This declaration is directed to the application attached hereto.

Application not Attached ⇒ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

Enter Appln. No. ⇒ United States Application Number or PCT International Appln. No. 14/897,750

Enter Filing Date ⇒ filed on December 11, 2015

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

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

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Names of Assignees ⇒ WHEREAS, QUADRAC Co., Ltd.; and JR East Mechatronics Co., Ltd.  
(hereinafter designated as Assignees)

Insert Addresses of Assignees ⇒ of 1-15-9, Minamiaoyama, Minato-ku, Tokyo 1070062, Japan; and 2-1-1, Yoyogi, Shibuya-ku, Tokyo 1510053, Japan, respectively,

their heirs, successors, legal representatives and assigns are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box if Appropriate ⇒ ☐ in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignees the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted

in equal undivided amounts unless specific undivided amounts are listed below:

Ownership  
Interest

⇒ Assignee 1 (\_\_\_\_ %); Assignee 2 (\_\_\_\_ %).

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignees in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignees and to vest all rights therein hereby conveyed to said Assignees as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

#### LEGAL NAME OF INVENTOR

Inventor's Name ⇒ Inventor: Susumu KUSAKABE Date: \_\_\_\_\_

Inventor's Signature ⇒ Signature: \_\_\_\_\_

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

☒ Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

**ADDITIONAL INVENTOR(S)**  
Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: Fumio KUBONO Date: March 4, 2016  
Inventor's Signature → Signature: 久保野 文夫

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: Masanobu SATO Date: March 4, 2016  
Inventor's Signature → Signature: 佐藤 正信

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: Keiichi NANBU Date: March 4, 2016  
Inventor's Signature → Signature: 南部 啓一

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: Susumu Kusakabe Date: March 10, 2016  
Inventor's Signature → Signature: 下村 進

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor's Signature → Signature: \_\_\_\_\_

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor's Signature → Signature: \_\_\_\_\_

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Inventor's Name → Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
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Inventor's Signature → Signature: \_\_\_\_\_