

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KOHICHI SHIMAZAKI	01/10/2023
KAZUHITO WATANABE	01/02/2023
TAKAFUMI KOMODA	01/10/2023
RECEIVING PARTY DATA	
Name:	FUTABA CORPORATION
Street Address:	629, OSHIBA
City:	MOBARA-SHI, CHIBA
State/Country:	JAPAN
Postal Code:	297-8588
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18015758
CORRESPONDENCE DATA	
Fax Number:	(212)336-8001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(212) 336-8000
Email:	ptodocket@arelaw.com
Correspondent Name:	AMSTER, ROTHSTEIN & EBENSTEIN LLP
Address Line 1:	90 PARK AVENUE
Address Line 4:	NEW YORK, NEW YORK 10016
ATTORNEY DOCKET NUMBER:	64162/19
NAME OF SUBMITTER:	BRIAN J. AMOS
SIGNATURE:	/Brian J. Amos/
DATE SIGNED:	01/12/2023
Total Attachments: 6	
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ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS:

(1) Full Name of Inventor: Kohichi SHIMAZAKI
Address: c/o Futaba Corporation
629, Oshiba
Mobara-shi, Chiba 297-8588
JAPAN

(2) Full Name of Inventor: Kazuhito WATANABE
Address: c/o Futaba Corporation
629, Oshiba
Mobara-shi, Chiba 297-8588
JAPAN

(3) Full Name of Inventor: Takafumi KOMODA
Address: c/o Futaba Corporation
629, Oshiba
Mobara-shi, Chiba 297-8588
JAPAN

hereby sell, assign, and transfer to ASSIGNEE:

Futaba Corporation
629, Oshiba
Mobara-shi, Chiba 297-8588
JAPAN

a corporation organized and existing under the laws of Japan, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territories and possessions, including all rights to claim priority, in and to the following invention:

Title: WIRELESS DETONATION SYSTEM, RELAY DEVICE FOR
WIRELESS DETONATION SYSTEM, AND WIRELESS
DETONATION METHOD USING WIRELESS DETONATION
SYSTEM

U.S. Appl. No.: To be filed

U.S. National Stage Entry Date: To be entered

PCT No.: PCT/JP2021/026119

PCT Filing Date: July 12, 2021

that was invented by ASSIGNORS, and which claims priority to the application listed in the following table:

COUNTRY	APPLICATION NO.	FILING DATE
Japan	2020-119793	July 13, 2020

including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, and any continuation, continuation-in-part,

divisional, renewal, and substitute thereof, and, as to Letters Patent, any reissue, re-examination, and post-issuance review and proceeding thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention for the United States and its territories and possessions, in ASSIGNEE'S name, or in ASSIGNORS' names, at ASSIGNEE'S election.

ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, derivation, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue, re-examination, or post-issuance review or proceeding thereof, or any other additional applications for Letters Patent for said invention or any part thereof, for the United States and its territories and possessions, all of which applications and any Letters Patent issuing thereon hereby being assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS authorize and request the Commissioner for Patents to issue any and all Letters Patent of the United States and its territories and possessions for said invention, resulting from the aforesaid application, to FUTABA CORPORATION, as its ASSIGNEE.

WITNESS our hand and seal on:

Kohichi Shimazaki
Kohichi SHIMAZAKI

January 10. 2023
Date

Kazuhito WATANABE

Date

Takafumi Komoda
Takafumi KOMODA

January 10. 2023
Date

WITNESS our hand and seal on:

Kohichi SHIMAZAKI

Date

Kazuhito Watanabe
Kazuhito WATANABE

Jan. 2, 2023
Date

Takafumi KOMODA

Date

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