

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKAYUKI KATO	04/05/2020
SHOJI OOTAKA	03/27/2020
TSUNEO SUZUKI	03/28/2020
MASAKI NISHIKAWA	04/01/2020
KATSUYA NONIN	03/27/2020
HIROSHI YOSHIDA	04/01/2020
YOSHIHARU NITO	04/02/2020
MASAYOSHI OSHIRO	04/01/2020
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State/Country:	JAPAN
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Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	105-0023
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16811195
CORRESPONDENCE DATA	
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Email:	wcpatents@whitecase.com
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PATENT

ATTORNEY DOCKET NUMBER:	1242236-0913-461 US
NAME OF SUBMITTER:	DAVID M. TENNANT
SIGNATURE:	/David M. Tennant/
DATE SIGNED:	07/06/2020

Total Attachments: 5

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ASSIGNMENT

Now, therefore, for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) (hereinafter referred to as "ASSIGNOR(S)"), hereby sell(s), assign(s) and transfer(s) to (See attached sheet) (hereinafter referred to as "ASSIGNEE"), organized and existing under the laws of the Japan, having a place for the transaction of business at (See attached sheet), and the successors and assigns of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, in and to the inventions and any and all improvements thereon which are the subject of an application entitled:

DISTANCE MEASURING APPARATUS AND DISTANCE MEASURING SYSTEM

And which is disclosed in the U.S. patent application executed on even date herewith, or if not so executed, was disclosed in:

- (a) U.S. patent application executed on _____
- (b) U.S. application no. 16/811,195 filed on March 6, 2020
- (c) International (e.g., PCT, JP) application no. _____ filed on _____

And in and to the above application and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to any division, continuation or continuation-in-part, renewal or substitute thereof, and in and to all resulting Letters Patents or any reissue, reexamination certificate, supplemental examination certificate, post grant review certificate, inter partes review certificate, or otherwise, thereof, to have and to hold the same to the full end of the term or terms for which any and all of said Letters Patent may be granted;

ASSIGNOR(S) authorize(s) and request(s) the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns;

ASSIGNOR(S) hereby covenant(s) that ASSIGNOR(S) has/have the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

Without further payment or compensation by the ASSIGNEE or its successors and assigns, ASSIGNOR(S) further covenant(s) and agree(s) to communicate to said ASSIGNEE or its representatives, agents, its successors or assigns, any facts relating to said invention or inventions including evidence for purposes of interference or other administrative or legal proceedings whenever requested; to testify in any interference, legal or administrative proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

IN WITNESS WHEREOF, the ASSIGNOR(S) has/have hereunto affixed his/her/their signatures on the date below written.

1)	<u>Takayuki Kato</u> (Signature)	<u>Takayuki KATO</u> (Type or Print Name)	<u>April 5, 2020</u> (Date)
2)	_____ (Signature)	<u>Shoji OOTAKA</u> (Type or Print Name)	_____ (Date)
3)	_____ (Signature)	<u>Tsuneo SUZUKI</u> (Type or Print Name)	_____ (Date)
4)	_____ (Signature)	<u>Masaki NISHIKAWA</u> (Type or Print Name)	_____ (Date)
5)	_____ (Signature)	<u>Katsuya NONIN</u> (Type or Print Name)	_____ (Date)
6)	_____ (Signature)	<u>Hiroshi YOSHIDA</u> (Type or Print Name)	_____ (Date)
7)	_____ (Signature)	<u>Yoshiharu NITO</u> (Type or Print Name)	_____ (Date)
8)	_____ (Signature)	<u>Masayoshi OSHIRO</u> (Type or Print Name)	_____ (Date)
9)	_____ (Signature)	_____ (Type or Print Name)	_____ (Date)

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1)	_____	Takayuki KATO	_____
	(Signature)	(Type or Print Name)	(Date)
2)	<u>Shoji Ootaka</u>	Shoji OOTAKA	Mar. 27, 2020
	(Signature)	(Type or Print Name)	(Date)
3)	_____	Tsuneo SUZUKI	_____
	(Signature)	(Type or Print Name)	(Date)
4)	<u>Masaki Nishikawa</u>	Masaki NISHIKAWA	Apr. 1, 2020
	(Signature)	(Type or Print Name)	(Date)
5)	<u>Katsuya Nonin</u>	Katsuya NONIN	Mar. 27, 2020
	(Signature)	(Type or Print Name)	(Date)
6)	<u>Hiroshi Yoshida</u>	Hiroshi YOSHIDA	Apr. 1, 2020
	(Signature)	(Type or Print Name)	(Date)
7)	<u>Yoshiharu Nito</u>	Yoshiharu NITO	Apr. 2, 2020
	(Signature)	(Type or Print Name)	(Date)
8)	<u>Masayoshi Oshiro</u>	Masayoshi OSHIRO	Apr. 1, 2020
	(Signature)	(Type or Print Name)	(Date)
9)	_____	_____	_____
	(Signature)	(Type or Print Name)	(Date)

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1)	_____	Takayuki KATO	_____
	(Signature)	(Type or Print Name)	(Date)
2)	_____	Shoji OOTAKA	_____
	(Signature)	(Type or Print Name)	(Date)
3)	Tsuneo Suzuki	Tsuneo SUZUKI	Mar. 28, 2026
	(Signature)	(Type or Print Name)	(Date)
4)	_____	Masaki NISHIKAWA	_____
	(Signature)	(Type or Print Name)	(Date)
5)	_____	Katsuya NONIN	_____
	(Signature)	(Type or Print Name)	(Date)
6)	_____	Hiroshi YOSHIDA	_____
	(Signature)	(Type or Print Name)	(Date)
7)	_____	Yoshiharu NITO	_____
	(Signature)	(Type or Print Name)	(Date)
8)	_____	Masayoshi OSHIRO	_____
	(Signature)	(Type or Print Name)	(Date)
9)	_____	_____	_____
	(Signature)	(Type or Print Name)	(Date)

Attached Sheet

- 1. Kabushiki Kaisha Toshiba**
of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan
- 2. Toshiba Electronic Devices & Storage Corporation**
of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 105-0023 Japan