

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5221261

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KATSUO IMAZUKA	09/06/2018
TOORU WATANABE	09/04/2018
TETSUO WATANABE	08/30/2018
KYOUICHI TOBAYAMA	08/17/2018
RECEIVING PARTY DATA	
Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-0023
Name:	TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
Street Address:	72-34 HORIKAWA-CHO, SAIWAI-KU KAWASAKI-SHI
City:	KANAGAWA
State/Country:	JAPAN
Postal Code:	212-0013
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16110430
CORRESPONDENCE DATA	
Fax Number:	(713)623-4846
<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:	713-623-4844
Email:	psdocketing@pattersonsheridan.com, mguajardo@kimandstewart.com
Correspondent Name:	FREDERICK D. KIM
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	TAI/2306US
NAME OF SUBMITTER:	MICHAEL D. STEWART

PATENT

SIGNATURE:	/Michael D. Stewart/
DATE SIGNED:	11/05/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=TAI2306US_Assignment_with_declaration_20181105#page1.tif source=TAI2306US_Assignment_with_declaration_20181105#page2.tif source=TAI2306US_Assignment_with_declaration_20181105#page3.tif source=TAI2306US_Assignment_with_declaration_20181105#page4.tif source=TAI2306US_Assignment_with_declaration_20181105#page5.tif	

5LG009220USAA2 (TAI/2306US)

**ASSIGNMENT FOR APPLICATION FOR PATENT
WITH DECLARATION STATEMENT**

WHEREAS:

Names and Addresses of Inventors:

1)	Katsuo IMAZUKA Yokohama Kanagawa Japan	2)	Tooru WATANABE Matsudo Chiba Japan
3)	Tetsuo WATANABE Machida Tokyo Japan	4)	Kyouichi TOBAYAMA Kawasaki Kanagawa Japan

(hereinafter referred to as Assignors), have invented a certain invention entitled:

MERCHANDISE SORTING DEVICE AND SORTING PLATE

enclosed herewith or for which application for Letters Patent in the United States was filed on
August 23, 2018 under Serial No. 16/110,430; and

WHEREAS, Kabushiki Kaisha Toshiba, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan and Toshiba Infrastructure Systems & Solutions Corpora, a Japanese corporation, having a business address at 72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kana (hereinafter referred to as Assignee), are desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed;

(b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of **Patterson & Sheridan, LLP**, to insert above the filing date and/or Application No. of said application.

6. This declaration is directed to the above-identified application.

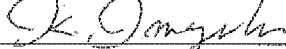
As a below named inventor, I hereby declare that:

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; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	<u>September 6, 2018</u> (DATE)	<u></u> Katsuo IMAZUKA
2)	_____ (DATE)	_____ Tooru WATANABE
3)	_____ (DATE)	_____ Tetsuo WATANABE
4)	_____ (DATE)	_____ Kyouichi TOBAYAMA

(b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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6. This declaration is directed to the above-identified application.

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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; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) _____ (DATE)

Katsuo IMAZUKA

2) 2018.9.4 (DATE)

Tooru Watanabe
Tooru WATANABE

3) _____ (DATE)

Tetsuo WATANABE

4) _____ (DATE)

Kyouichi TOBAYAMA

(b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	_____ (DATE)	_____
		Katsuo IMAZUKA
2)	_____ (DATE)	_____
		Tooru WATANABE
3)	<u>30/Aug/2018</u> (DATE)	<u>Tetsuo Watanabe</u>
		Tetsuo WATANABE
4)	_____ (DATE)	_____
		Kyouichi TOBAYAMA

(b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of **Patterson & Sheridan, LLP**, to insert above the filing date and/or Application No. of said application.

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I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	_____ (DATE)	_____
		Katsuo IMAZUKA
2)	_____ (DATE)	_____
		Tooru WATANABE
3)	_____ (DATE)	_____
		Tatsuo WATANABE
4)	<u>August 17, 2018</u> (DATE)	<u>Kyouchi Tobayama</u>
		Kyouchi TOBAYAMA