505067171 08/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUYOSHI KITAJIMA	07/13/2018
TATSUYA HIGUCHI	07/13/2018
KEIJI TERASAKA	07/13/2018
KYOKO OSHIMA	07/13/2018

RECEIVING PARTY DATA

Name:	MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
Street Address:	1-1, WADASAKI-CHO 1-CHOME, HYOGO-KU,
City:	KOBE-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	652-8585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16080487

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SHP-185
NAME OF SUBMITTER:	MANABU KANESAKA
SIGNATURE:	/Manabu KANESAKA/
DATE SIGNED:	08/28/2018

Total Attachments: 4

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PATENT 505067171 REEL: 046726 FRAME: 0706

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Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) Kazuyoshi KITAJIMA

2) Tatsuya HIGUCHI

3) Keiji TERASAKA

(i) Kyoko OSHIMA

who has made a certain new and useful invention, hereby sells, assigns and transfers unto <u>MITSUBISHI</u>
<u>HEAVY INDUSTRIES MACHINERY SYSTEMS</u>, <u>LTD</u>. having a place of business at <u>1-1</u>,
<u>Wadasaki-cho 1-chome</u>, <u>Hyogo-ku</u>, <u>Kobe-shi</u>, <u>Hyogo 652-8585 Japan</u>, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

ON-BOARD DEVICE, AUTOMATIC TOLL COLLECTION MACHINE, TOLL COLLECTION SYSTEM, AND TOLL COLLECTION METHOD

1 X	INDICATION COMMISSION INDICATION	7.0		
(a)	for which an application for United Stat United States Patent Application No			, and identified by
(b)	for which an application for United States	s Letters Patent was	executed on,	
all Un contin	ne undersigned hereby authorizes and reques nited States Letters Patent which may be gra nuations-in-part thereof, and the right to all erty to the said ASSIGNEE, for its interest as s that the attorneys of record in said application	inted therefore and benefits under the ASSIGNEE, its s	any and all extensions, divisi e International Convention fo uccessors, assigns and legal re-	ons, reissues, continuations, or or the Protection of Industrial epresentatives; the undersigned
ASSI applio ASSI	AND the undersigned hereby agrees to cation for and obtaining original, divisional, regner, its successors, assigns and legal representions for patent based thereon, growing of GNEE, its successors, assigns and legal represention hereby transferred.	reissued or extender resentatives, and without of or related to	I Letters Patent of the United thout further remuneration, in the said invention; and to ex	States, upon request of the said and to any improvements, and xecute any papers by the said
SIGN	ED on the date indicated aside my signature:	:		
1) Nar	Kazayozhi Kitazima ne: Kazuyoshi KITAJIMA	en e	July 13, 2018 Date	
2)	Patunga Higumb ne: Tatsuya FfiGUCHI	en e	July 13, 2018 Date	
3) Nat	ne: Keiji TERASAKA		Date	

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KYOKO OSHIMA

Name: Kyoko OSHIMA

July 13, 2018 Date

Docket No.:

ASSIGNMENT

In consideration of the premises and other	good and	valuable	consideration	in hand	paid,	the receipt	and suffic	siency of
which is hereby acknowledged, the undersigned,						•		18.

Kazuyoshi KITAHMA

2) Tatsuya HIGUCHI

Keiji TERASAKA

Name: Keiji TERASAKA

Kyoko OSHIMA 4)

who has made a certain new and useful invention, hereby sells, assigns and transfers unto MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD. having a place of business at 1-1, Wadasaki-cho 1-chome, Hvogo-ku, Kobe-shi, Hvogo 652-8585 Japan, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

ON-BOARD DEVICE, AUTOMATIC TOLL COLLECTION MACHINE, TOLL COLLECTION SYSTEM, AND TOLL COLLECTION METHOD

(a)	for which an application for U United States Patent Application	nited States Letter	s Patent was filed on; or	, and identified by
(b)	for which an application for Uni	ted States Letters P	atent was executed on	reconnection to the second
all Un contin Proper	ited States Letters Patent which m uations-in-part thereof, and the ri	ay be granted there ght to all benefits nterest as ASSIGN	fore and any and all extension under the international Con EE, its successors, assigns as	Patents and Trademarks to issue any and one, divisions, reissues, continuations, or vention for the Protection of Industrial and legal representatives; the undersigned ASSIGNEE;
ASSIC applied ASSIC	ation for and obtaining original, div SNEE, its successors, assigns and hations for patent based thereon, gr	isional, reissued or egal representatives rowing out of or n	extended Letters Patent of the s, and without further remune elated to the said invention;	der all necessary assistance in making as United States, upon request of the said tration, in and to any improvements, and and to execute any papers by the said in EE's full protection and title in and to
SIGNE	SD on the date indicated aside my s	ignature:		
1)				
	e: Kazuyoshi KITAJIMA	er effertale film de	Date	
2)				
Nam	e: Tatsuya HIGUCHI	WPTYON Shiddhing areas are	Date	OF SP 20 TR Guidelin Mills and Arbitration And Security S
	11 1			
3) /	Kit Ingila		July 13, 2	018

Date

		Docket No.:
4)	 	
Name: Kyoko OSHIMA	Date	

PATENT REEL: 046726 FRAME: 0711

RECORDED: 08/28/2018