PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUICHIRO SUZUKI	03/15/2016
YASUTOSHI KANO	03/15/2016
KOSHIRO YAMAGUCHI	03/15/2016
TOMOYASU FUKUI	03/15/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	15079819			

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NAME OF SUBMITTER:	CHUNHSI ANDY MU
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DATE SIGNED:	03/29/2016

Total Attachments: 1

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PATENT REEL: 038121 FRAME: 0569

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		(1)	Yuichiro SUZUKI		(5)	····	***************************************
Nam	Insert	(2)	Yasutoshi KANO		(6)		
	Name(s) of Inventor(s)	(3)	Koshiro YAMAGUC	H			
			Tomoyasu FUKUI	trinetti seetti lassa anna			
			In consideration of each of the undersigne over to	the sum of one dollar (d, the undersigned agn	\$1.00) and ot	her good and valuable on, and hereby does as:	considerations paid to
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO	KABUSHIKI KAISHA	.		
(10) In:	Insert Address of Assignee	(10)	BROTHER KOGYO KABUSHIKI KAISHA 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan				
2:	8		as defined in 35 U.S.C provisional, non-provisio	 §100, in the inventional, divisional, continua 	n, and in all Hion, substitu	and interest for the Unit applications for patent te, and relssue applicati at may be granted on the	including any and all lon(s), and all Letters
(11)	insert Identification	(11)					
	of Invention such as Title, Case		Marine Carrier Carrier Carrier Co. Co. Co. Carrier				
Number, or Foreig Application Number			(Attorney Docket No.				
			for which the undersigns			for patent in the United	
(12)	Insert Date of Signing of Application	(12)	on <u>Yar.</u>	15,2016			
(13)	Alternative identification for filed applications	(13)	U.S. application Serial I	Vumber			seement tree
reissue: applicati any appl Assigner claims or reexamir States re full right nerewith dentifica	applications for the in- ons and patents as the 2) The undersigned ication or continuation a in every way possible 3) The undersigned for provisions of the Inter 4) The undersigned hation a grant of a valid 5) The undersigned is esulting from said appliation convey the entire int the undersigned is to convey the undersigned in the interior int	vention Assignation Assignation Agree Mation Agree United Material Version Material Ma	i, and any patent(s) issines may deem necess s) to execute all papers sion thereof, or any pate aining evidence and goi s) to execute all papers ai Convention for Protec s) to perform all affirm authorize(s) and reque- (s) to the said Assignee herein assigned, and the ry grant(s) the firm of	uling thereon, and also lary. necessary in connection or reissue application ing forward with such into and documents and protion of Industrial Proper ative acts which may be ssignee. st(s) the Commissioner as Assignee of the end the has (they have) no Banner & Witcoff, L.	on with any in- based therec- erference. erform any ac- ty or similar a- tic necessary of Patents to i- tire interest, a I executed, ar-	application and any co- eparate assignments in terference which may be in, for the invention, and it which may be necessary greements, to obtain, maintain or of lessue any and all Letters and hereby covenants the id will not execute, any a er to insert on this assign ted States Patent and "	connection with such e declared concerning to cooperate with the gry in connection with confirm by reissue or Patents of the United at he has (they have) agreements in conflict
				on the date(s) opposi	ý .		
Date	- Inur. 15,	<u>, 2</u>	016 Name	of Inventor $4a$	adoshi	Eono	(SEAL)
Date	mar, 15,	_20	<u>//</u> Name	of Inventor	chine.	duzuki	(SEAL)
Date	Man, 15	, 2	016 Name	of Inventor <u>Jam</u>	eyasu	Tokur_	(SEAL)
Date	mer. 15,	2	2/6 Name	of Inventor Ks	Mas J	tanaguchi	(SEAL)
Date		·····	Name	of Inventor	<u>.</u>		(SEAL)

PATENT REEL: 038121 FRAME: 0570