## 501884662 04/11/2012

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date
Satoru HIRAMOTO	04/02/2012
Yoshiyuki KONO	04/02/2012
Akitoshi MIZUTANI	04/02/2012
Takamitsu KUBOTA	04/02/2012
Atsushi TANAKA	04/02/2012
Takehito MIZUNUMA	04/03/2012

### **RECEIVING PARTY DATA**

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City:	Kariya-city, Aichi-pref.		
State/Country:	JAPAN		
Postal Code:	448-8661		

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13444196	

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: MNL-2018-2885

PATENT

REEL: 028027 FRAME: 0552

P \$40.00 13444196

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NAME OF SUBMITTER:	Michelle N. Lester
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif	

PATENT REEL: 028027 FRAME: 0553

Case No.	:
142200	-US-AH-as

	ASS	GNMENT OF U.S. P	ATENT APPLICATION	V		
(Inventors) Satoru Hiramoto						
	Yoshiyuki Kono					
		hi Mizutani				
		itsu Kubota				
		i Tanaka				
		to Mizunuma	1.11 (04.00)			
	in considerations	naid to each of the under	ne dollar (\$1.00) and other s signed, the undersigned ag	good and valuable		
	hereby does as	sign, transfer and set ove	er to	ree(s) to assign, and		
(Assignee)						
(Address)	1-1, Showa-ch	o, Kariya-city, Aichi-pre				
	(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for					
	the United State	es, its territories, depende	ncies and possessions in t	he invention, and all		
(Title)	applications for	patent and any Letters Pa	atent which may be granted	therefore, known as		
(Title)	For which the up		ecuted on even date herew	ith		
	patent in the Ur	nited States of America or	, if not on even date, then h	nas executed on		
		or has already fi	ed U.S. application Serial	No. on		
	The undersigned	ed acknowledges an obliga	ation of assignment of this	invention to said		
		time the invention was m				
The unde	ersigned agree(s	) to execute all papers an	d documents necessary in	connection with the		
also to evecute s	y interrerence wr enarate assignm	ich may be declared and	any continuing or divisional uch applications as the Ass	applications thereof and		
necessary or exp	edient and furthe	er to perform any act which	h may be necessary in con	ignee may deem nection with claims or		
provisions of the	International Co.	rvention for Protection of	Industrial Property or simila	r agreements.		
			acts which may be necess			
valid United State	es patent to the A	Assignee.	asia milian may be necess	ary to obtain a grant of a		
The unde	ersigned hereby	authorize(s) and request(s	s) the Commissioner of Pat	ents to issue any and all		
Letters Patent of	the United State	s resulting from said appli	cation or any division or div	risions or continuing		
applications there	of to the said As	signee, as Assignee of th	e entire interest, and hereb	v covenants that he has		
(they have) full rig	ght to convey the	entire interest herein ass	igned, and that he has (the	y have) not executed and		
		conflict herewith.				
I he unde	ersigned hereby	grant(s) the firm of NIXON	& VANDERHYE P.C. the	power to insert on this		
United States Pat	unner identilicati lent Office for red	on which may be necessa cordation of this documen	ary or desirable in order to o t. It is understood and agre	comply with the rules of the		
attornevs Nixon 8	Vanderhve P.C	have represented only A	SSIGNEE and will continue	e to represent only		
ASSIGNEE with r	espect to this in	ention.	SOLOTIEE and will continue	to represent only		
In witnes:	s whereof, execu	ited by the undersigned o	n the date(s) opposite the ι	indersianed signature(s)		
		, J	The date (b) opposite the t	macroighed signature(a).		
. 1			0	0.7		
Date Opril	2,2012	Signature of inventor	Satoru	Mramoto		
.*			Satoru Hiramoto	710200100		
Date April 2, 2012 Signature of inventor Joshywki Kono						
Date Yuru 2, 2012 Signature of inventor Johnson Cono				font		
Yoshiyuki Kono						
Date April 2, 20/2 Signature of inventor Akeroshi Mizurami				111111111		
Akitoshi Mizutani				1. vyn carr		
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Date	April 2,2012	Signature of inventor		Takamitu	Kulota
	0 11122-13			Takamitsu Kubota	1
Date	april 2,2012 T.M. april 3 2012	Signature o	of inventor	Atsushi	Tanaha
	T.M. april 3 2012		×	Atsushi Tanaka	
Date	- Upul 3.2012	Signature of inventor		Sakehito	Mizunuma
	april 3.20/2			Takehito Mizunum	na
Date	April 2, 201	2	Witnessed by:	Lusuya	Hara
Date	april 2. 20	12	Witnessed by:	Tetsuja	Hara
Date	april 2, 2	0/2	Witnessed by:	Letruya	Hara
Date	april 2.20	012	Witnessed by:	Tetsuya	Hara
Date	april 2. 2.	2/2	Witnessed by:	Settinya	Hara
Date	april 3, 2	012	Witnessed by	Cubula	Munt

Case No.: