504011134 09/19/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki YAMAKAWA	09/07/2016
Kenichiro SATO	09/05/2016
Shinji ICHIKAWA	09/08/2016
Naoki GORAI	09/07/2016

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Postal Code:	1010021
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Postal Code:	4718571

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15127217

CORRESPONDENCE DATA

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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.

Phone: 703-836-6400 email@oliff.com Email: **Correspondent Name:** JAMES A. OLIFF **OLIFF PLC** Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

> **PATENT REEL: 039780 FRAME: 0720**

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ATTORNEY DOCKET NUMBER:	173132
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SIGNATURE:	/Kimberly C. Scott/ for James A. Oliff
DATE SIGNED:	09/19/2016
Total Attachments: 4	
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	Insert	(1)		YAMAKAW	(2)			LO
(1-8)	Legal Name(s)	(3)	Shinji I	CHIKAWA	(4)	Naoki 	GORAI	
	of Inventor(s)	(5)			(6)			
		(7)			(8)			-
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(9)	Insert Name of Assignee	(9)	EQUOS RE	ESEARCH C	O., LTD.			
(10)	Insert Address of Assignee	(10)	Akihabara Tokyo 1010	Daibiru 7 0021 Japan	F, 18-13,	Sotokand	a 1-chome	e, Chiyoda-ku
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	Application Number	(Attorn	ey Docket No.),	filed on even	date herewith	or as
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Date			Invent	or Signature				(\$EAL)

	Insert	(1)	Hiroyuki YAMAKAWA	A (2)	Kenichiro SATO	
(1-8)	Legal Name(s)	(3)	Shinji ICHIKAWA	(4)	Naoki GORAI	
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		the un	sideration of the sum of one dollar (dersigned, the receipt and sufficience, and hereby does assign, transfer ar	cy of which are	r good and valuable consideration paid to eathereby acknowledged, each undersigned agree	ch of ees to
(9)	Insert Name of Assignee	(9)	EQUOS RESEARCH C			
(10)	Insert Address of Assignee	(10)	Akihabara Daibiru 7F Tokyo 1010021 Japan	7, 18-13,	Sotokanda 1-chome, Chiyoda	-ku
		the entinvent	ire right, title and interest for the Union, and in all applications for pater	nited States of A at including any reissue applicat	eirs, successors, assigns and legal representate America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, division ion(s), and all Letters Patent, extensions, reis invention known as	nal,
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	POWER TRANSMISS	SION SYS	TEM	
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Date	September 8, 2	016	Inventor Signature	Shinji	Schikara (SEA	AL)
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(1-8)	Legal Name(s)	(3)	Shinji ICI	HIKAWA	(4)	Naoki	GORAI		
	of Inventor(s)	(5)	- Annual Control of the Control of t		(6)				
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(9)	Insert Name of Assignee	(9)	TOYOTA JI	DOSHA KA	ABUSHIK	I KAISH	A		
(10)	Insert Address of Assignee	(10)	1, Toyota-c	no, Toyot	a-shi, Ai	chi 4718	3571 Japan		
	v	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissue and reexamination certificates that may be granted on the invention known as							
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Date	september 7	2016	Inventor	Signature _	Made	<u>- 2</u>	5	(SEAL)	
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	Insert	(1)	Hiroyuki YAMAKAWA	(2)	Kenichiro SATO	
(1-8)	Legal Name(s)	(3)	Shinji ICHIKAWA	(4)	Naoki GORAI	
	of Inventor(s)	(5)		(6)		
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(9)	Insert Name of Assignee	(9)	TOYOTA JIDOSHA KAB	USHIKI	KAISHA	
(10)	Insert Address of Assignee	(10)	1, Toyota-cho, Toyota-	shi, Ai	chi 4718571 Japan	
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Date	September 8,2	216	Inventor Signature	hinji	Schikawa	(SEAL)
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PATENT REEL: 039780 FRAME: 0725

RECORDED: 09/19/2016