#### 12/18/2015 503618692

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MASAAKI ITO	12/04/2015
MASAO YANO	12/04/2015
HIDEFUMI KISHIMOTO	12/04/2015
NORITSUGU SAKUMA	12/04/2015
TETSUYA SYOJI	12/04/2015
AKIRA MANABE	12/04/2015

#### **RECEIVING PARTY DATA**

Name: TOYOTA JIDOSHA KABUSHIKI KAISHA	
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City:	TOYOTA-SHI, AICHI
State/Country: JAPAN	
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14896215

### **CORRESPONDENCE DATA**

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Talal Allaskusautas O	
DATE SIGNED:	12/18/2015
SIGNATURE:	/Justin Aviles/
NAME OF SUBMITTER:	JUSTIN AVILES, NEW APPLICATIONS SPEC
ATTORNEY DOCKET NUMBER:	Q223956

Total Attachments: 3

**PATENT REEL: 037327 FRAME: 0509** 

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PATENT REEL: 037327 FRAME: 0510

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by TOYOTA JIDOSHA KABUSHIKI KAISHA finsert ASSIGNEE's Name(s) 1, Toyota-cho, Toyota-shi, Aichi 471-8571, Japan Address(es)) thereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled RARE-EARTH MAGNET AND METHOD FOR MANUFACTURING SAME Ditle of invention) relating to International Patent Application PCT/JP 2014 / 064995 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (Insert date Assignce's attorney is hereby authorized to insert in (b) the specified of execution 2015 December 4, of application, dota, when known 896,215 concurrenti and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patentle), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). 1asaaki I to Masaaki Ito (Signatures) <u>December 4</u> (SIGNATURE) (TYPE NAME) (DATE) Masao Yano (SIGNATURE) (TYPE NAME) (DATE) Hidefumi Kishimoto (SIGNATURE) (TYPE NAME) (DATE) Noritsugu Sakuma (SIGNATURE) (TYPE NAME) (DATE) Tetsuya Syoji (SIGNATURE) (TYPE NAME) (DATE) Akira Manabe (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

(TYPE NAME)

(SIGNATURE)

PATENT REEL: 037327 FRAME: 0511

(DATE)

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	TOYOTA JIDOSHA KABUS	HIKI KAISHA		
ASSIGNEE's Name(s) Address(es))	1, Toyota-cho, Toyota-shi, Aichi 471-8571, Japan			
	(hereinafter "ASSIGNEE"), the receipt o transfers to ASSIGNEE the entire and e	f which is hereby acknowledged, the exclusive right, title and interest to the	undersigned ASSIGNOR hereby sells, assigns and ne invention entitled	
707.41	RARE-EARTH MAGNET AN	D METHOD FOR MANUFA	ACTURING SAME	
Title of nvention)		<u> </u>		
	relating to International Patent Applica the United States was executed on ever	tion PCT/JP 2014 / 064995 and the herewith on if not	and/or for which application for Letters Patent of	
		date herewith or, it not so executed	, was.	
nsert date f execution	(a) executed on	Assignee's attorney is he	ereby authorized to insert in (b) the specified	
f application, not oncurrent)	Serial No. 14 / 896,21			
	renewal, substitute, reissue or reexamin	1ation application based thereon for	on said application and any continuation, division, the full term or terms for which the said Letters hereinafter, "said application(s) and Letters	
	enforcing protection for said invention, said Letters Patent(s), in any interference proceeding which may arise or be declar	SIGNEE may deem necessary, desiral including in the preparation and pro- ee, reissue, reexamination, or public- red in relation to same, such acts to	without charge to but at the expense of said ble or expedient, for securing, maintaining and secution of said application(s) and the issuance of use proceeding, and in any litigation or other legal include but not be limited to executing all papers, providing sworn testimony, and obtaining and	
	IN WITNESS WHEREOF, the	undersigned inventor(s) has (have) ai	ffixed his/her/their signature(s).	
ignatures)	1)	Masaaki Ito		
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	2) Masas (and (SIGNATURE)	Masao Yano	December 4, 2015	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	3) Hidefumi Kishimolo (SIGNATURE) 4) Noriteugu Sakuma (SIGNATURE)	Hidefumi Kishimoto	December 4. 2015	
	(SIGNATURE)	(TYPE NAME)	December 4, 2015	
	4) Noritengu Sakuma	Noritsugu Sakuma	December 4, 2015	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	5) Tetsuya Shoji	Tetsuya Syoji	December 4, 2015	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	6)	Akira Manabe	and the second second	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	7)(SIGNATURE)	(TYPE NAME)	(DATE)	
	8)(SIGNATURE)	(TYPE NAME)	(DATE) DATENT	

PATENT REEL: 037327 FRAME: 0512

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

Insert	TOYOTA JIDOSHA KABU	SHIKI KAISHA			
ASSIGNEE's Name(s) Address(es))	1, Toyota-cho, Toyota-shi, Aichi 471-8571, Japan				
	(hereinafter "ASSIGNEE"), the receip transfers to ASSIGNEE the entire ar	ot of which is hereby acknowledged, the aid exclusive right, title and interest to the	undersigned ASSIGNOR hereby sells, assigns a ne invention entitled		
	RARE-EARTH MAGNET A	ND METHOD FOR MANUFA	ACTURING SAME		
tle of vention)					
	relating to International Patent Appl the United States was executed on e	ication PCT/JP <u>2014</u> / <u>064995</u> aven date herewith or, if not so executed	and/or for which application for Letters Patent , was:		
sert date	(a) executed on	:			
execution application, not	(b) filed on December 4, 2 Serial No. 14 / 896,	UID data when known	ereby authorized to insert in (b) the specified		
ncurrent)		· · · · · · · · · · · · · · · · · · ·			
	renewal, substitute, reissue or reexa	mination application based thereon, for	on said application and any continuation, divi the full term or terms for which the said Letter hereinafter, "said application(s) and Letters		
	ASSIGNEE, to do all acts which the a enforcing protection for said inventio said Letters Patent(s), in any interfer proceeding which may arise or be de-	ASSIGNEE may deem necessary, desiral n, including in the preparation and pro- ence, reissue, reexamination, or public clared in relation to same, such acts to	without charge to but at the expense of said ble or expedient, for securing, maintaining and secution of said application(s) and the issuance use proceeding, and in any litigation or other k include but not be limited to executing all pape providing sworn testimony, and obtaining and		
	IN WITNESS WHEREOF, t	he undersigned inventor(s) has (have) a	ffixed his/her/their signature(s).		
gnatures)	1)	Masaaki Ito			
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	2)	Masao Yano			
	2)(SIGNATURE)	(TYPE NAME)	(DATE)		
	2)	Hidefumi Kishimoto			
	3)(SIGNATURE)	(TYPE NAME)	(DATE)		
	4)	Noritsugu Sakuma			
	4)(SIGNATURE)	(TYPE NAME)	(DATE)		
		Tetsuya Syoji			
	5)(SIGNATURE)	(TYPE NAME)	(DATE)		
	akina manahe	Akira Manabe	December 4, 2015		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	_				
	7)(SIGNATURE)	(TYPE NAME)	(DATE)		
	8)				
	(SIGNATURE)	(TYPE NAME)	(DATE) PATEN		

(SIGNATURE) (TYPE NAME) (DATE) PATENT
RECORDED: 12/18/2015 REEL: 037327 FRAME: 0513