504352240 05/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4398929

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HAJIME ERIKAWA	04/24/2017
YOHEI NISHIKAWA	04/26/2017

RECEIVING PARTY DATA

Name:	FUJI ELECTRIC CO., LTD.	
Street Address:	1-1, TANABESHINDEN, KAWASAKI-KU	
City:	KAWASAKI-SHI, KANAGAWA	
State/Country:	JAPAN	
Postal Code:	210-9530	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15586926

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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: 703-684-1111

Email: office@uspatentagents.com

Correspondent Name: KANESAKA BERNER AND PARTNERS LLP

Address Line 1: 2318 MILL ROAD

Address Line 2: **SUITE 1400**

Address Line 4: ALEXANDRIA, VIRGINIA 22314-2848

ATTORNEY DOCKET NUMBER:	SAK-022	
NAME OF SUBMITTER:	MANABU KANESAKA	
SIGNATURE:	/Manabu KANESAKA/	
DATE SIGNED:	05/04/2017	

Total Attachments: 1

source=SAK-022-Assignment#page1.tif

PATENT REEL: 042402 FRAME: 0850 504352240

U.S. ASSIGNMENT

FULL EXECUTION CO., LTD. 3-1 Tangboshindon. Kewasaki-ku, Kawasaki-spi, Kanagawa 210-630, JAPAN The author. "ASSIGNED", the receipt of which is berely astronomicified. The undersigned ASSIGNER hereby sells assigns and transfer, to ASSIGNED in the said configures right, title and interest as the incrementation of the continuous right, title and interest as the incrementation of the continuous application. BEVERAGE EXTRACTION DEVICE calating to International Patent Application and to see the date berowith as, if not so executed, time. (a) executed on insect time of execution of application, if not so executed, time. (b) filed on Serial No. The ASSIGNER proposition and all Letters Parents of the United States granted on hold application at the interest (b) the apositive date when known. The ASSIGNER proposition and continuous application based threeton, for the file term or earned for batters fraction in many to granted and satisfaction, release or reconstruction application and self-cutions and continuous application fractions are continuous application and applications are not for batters fractions in many to granted and satisfaction, release or reconstruction application of continuous application of the continuous processing the proposition and proposition of the Continuous application of an active to the second of a continuous processing the continuous application of the applications and the expense of said ASSIGNED, to do all acts as the ASSIGNED and ASSIGNED, to do all acts to be continuous propositions and applications and and the insulation of an active of the proposition and all continuous processing and provincing evolution is also legal processing, in many more forecess, recesses are continuous, to public tree processing and provincing evolution of said terms processing, in many more forecess, recesses are continuous, to public tree processing and provincing evolutions and an incrementations, to public tree processing and provincing evolutions. The ASSIGNED is an active of the continuous devi	inventor(s) (hereii	tATION of the sum of One Or rafter, "ASSIGNOR") by Milestynn of ASSIGNOR(I)	olar (\$1,00).	and of other good and valuable	e consideration paid to the undersigned
The remarker, "ASSIGNEE", the receipt of which is benefit and anti-amendated and the understance ASSIGNEE has entire and excitous a right, title and interest to the invention control (finds of the amire and excitous a right, title and interest to the invention control (finds of thereintee) BEVERAGE EXTRACTION DEVICE coloring to international Patent Application under the second on the patent Application constituted as even due between the first an exceptional and the second on the second of application and any semimation, division, received and stacked, any exceptional second on the second of t	FUJI ELECTR	IC CO. LTD			***************************************
Incremention: "ASSRINEE"), the recogn of which is benefit advantated goal the undersigned ASSRINGE hereby sells assigns and transfer, to ASSRINEE the native and earlieurs erigh, title and interest to the incremion entitled (Title of Sovieties) BEVERAGE EXTRACTION DEVICE colating to Increational Paters Application consisted on	1-1 Tanabashi	ndan Kawasaki-ku, Kaw	asaki-shi, k	(anagawa 210-9530, JAPA	<u> </u>
Incremention: "ASSRINEE"), the recogn of which is benefit advantated goal the undersigned ASSRINGE hereby sells assigns and transfer, to ASSRINEE the native and earlieurs erigh, title and interest to the incremion entitled (Title of Sovieties) BEVERAGE EXTRACTION DEVICE colating to Increational Paters Application consisted on	******************	***************************************	****		
ASSIGNED the make and eveluance right, take and interest to the invention consisted Take of forestions BEVERAGE EXTRACTION DEVICE			·····		
ASSIGNED the maire and excitance right, tath and interest to the invention consisted BEVERAGE EXTRACTION DEVICE coloring to increasional Patris Application consisted on cover due becavity at fines so executed, was tal executed on cover due becavity at fines so executed, was (a) executed on Serial No. Assigned a common in hundred interest in (h) the specified data when known. Assigned a common in hundry similarized to interest in (h) the specified data when known. and to said application and all Letters Patentis) of the Onited States granted on said application and any continuation, division, revowal, satisface, release or recommunition application based thereon, for the fall term or terms for which the said Letters Patentis) may be granted and metalling any exensions thereof (realizatively, becoming) and assistants) and Letters Patentis). The ASSIGNOR agree(s), when requiring the said 85SIGNIE and applications is but in the expense of said ASSIGNIE, to do all anti- solicity the ASSIGNIE may deem necessary, destrable or says elegations thereon, are based in expense and may be granted and metalling in the preparation and procession of said applications; and assignment of said in my meritiness, including in the preparation and procession of said applications or said in some communities or be declared by including the including separate assignment as agreement as agreements. In WITHESS WHEREOF, the understand inventor(a) has there affired historistic agreements. In Patrice Education (Signature) Type Anne) (Signature) (Signature) (Signature)	<u> </u>				
ASSIGNED the maire and excitance right, tath and interest to the invention consisted BEVERAGE EXTRACTION DEVICE coloring to increasional Patris Application consisted on cover due becavity at fines so executed, was tal executed on cover due becavity at fines so executed, was (a) executed on Serial No. Assigned a common in hundred interest in (h) the specified data when known. Assigned a common in hundry similarized to interest in (h) the specified data when known. and to said application and all Letters Patentis) of the Onited States granted on said application and any continuation, division, revowal, satisface, release or recommunition application based thereon, for the fall term or terms for which the said Letters Patentis) may be granted and metalling any exensions thereof (realizatively, becoming) and assistants) and Letters Patentis). The ASSIGNOR agree(s), when requiring the said 85SIGNIE and applications is but in the expense of said ASSIGNIE, to do all anti- solicity the ASSIGNIE may deem necessary, destrable or says elegations thereon, are based in expense and may be granted and metalling in the preparation and procession of said applications; and assignment of said in my meritiness, including in the preparation and procession of said applications or said in some communities or be declared by including the including separate assignment as agreement as agreements. In WITHESS WHEREOF, the understand inventor(a) has there affired historistic agreements. In Patrice Education (Signature) Type Anne) (Signature) (Signature) (Signature)	>		***************************************	·///	
coloring to International Patent Application and for the Whiteh application for Lectors Patent of the United States was executed as even due berewith in, if not so executed, use. (a) executed on timeser time of execution of applications, if not concurrent; (b) the dot Serial No Assigned a manney is heartly mathematical to invert in (t) the appendiculation and application and any continuation, division, teneral, substitute, reviews or recommunition application based thereon, for the full term or terms for which the axial Letters Patent(s) may be granted and axisalitate, reviews or recommunition application based thereon, for the full term or terms for which the axial Letters Patent(s) may be granted and axisaling say excursions thereof (collective), heremather, 'sold applications(a) and Letters Betent(s)'). The ASSIGNOR agree(s), when requested by said ASSIGNITE and without change to but of the expense of said ASSIGNITE, to do all acts which the ASSIGNOR may doen reconstruction for expenses of said times protection for said inventions including in the proparation and procession of said applications(s) and the last time expenses of said ASSIGNITE, to do all acts includes but one by the finded to recently all pages, including and enforcing protection for said inventions, including substitutions, such as a public time proceeding and in any linguistion or other legal proceeding which may arise or be declared in relation to same, such acres to include but one be finded to a recently all pages, including separate assignments and declarations, taking all rightful earlies providing swear restituory, and obtaining and providing evidence. By WITNESS WHITEGO, the undersigned inventor(a) has therefore assignments and declarations, taking all rightful earlies providing swear restituory, and obtaining and providing evidence. (Signature) (1919 Name) (1919 Name)	ASSIGNEE the en-	GNEE"), the receipt of which i tre and exclusive right, title and	i hersby nei n Indeprese tersbi	inviedged, the ordersigned ASSR character regisled	GNOR hereby sells, assigns und transfer, in
(a) executed on the properties of the properties of selection of application and any entire at the properties of any selection of application and all Letters Parents) of the Ontrol States granted on said application and any entire at the properties deal and asked known. The ASSIGNOR agreets, when requested by said ASSIGNUT and widness charge to but at the expense of said ASSIGNUT, to do all anticipation and properties for asid applications and any entire at the said Letters Parents) are parented and medicing any extensions thereof (collectively, heremother, "said application(s) and but at the expense of said ASSIGNUT and widness charge to but at the expense of said ASSIGNUT, to do all anticipation in the properties and proceedings and the properties for said inventions, to public me proceeding, and in any linguision of said applications are assembled by the formation of proceeding and proceeding which may arise or be declared in relations to same, such acts to include but not be familial to executing all papers, including sequence assembles and declarations, taking all rightful caths, providing swant positionary, and obtaining and providing evidence. Its WITHOUS WHEREOF, the undersigned inventional has the entire the proceeding which may arise or be declared in relation to same, such acts to include but not be familial to executing all papers, including sequence assembles the relations, taking all rightful caths, providing swant positionary, and obtaining and providing evidence. Its WITHOUS WHEREOF, the undersigned inventional these effects affected inafheritheir stepantions.			PVERAGE I	EXTRACTION DEVICE	
(b) filed on Serial No. Assigned x animacy is hearthy sufferized to interest a (h) the specified data when known. Indicate said application and all Letters Parents) of the United States granted on said application and any communition, division, tenemal, substitute, relicitue or recommention application based thereon, for the fall term or terms for which the solid Letters Parents(s) may be granted and notating any extensions thereof (collectively, hereunder, "said applications), and Letters Parents(s), may be granted and notating any extensions thereof (collectively, hereunder, "said applications, the bost at the expense of said ASSIGNUE, to do all acus shich the ASSIGNUE may does nonecosmy, destrible or expection, the securing, maintaining and entimology protection for said invention, including in the prograntion and procedurion of said applications) and the best area and entimology protection for said invention, including in the prograntion and procedurion of said applications of said spiculosis, and is inventioned, and the best area to include the soft be funded to exceeding all papers, including separate acaptainers and declarations, taking all rightful confise providing soon testinany, and obtaining and professing existence. In WITNESS WHITEOF, the understand inventor(s) has these affixed historific algorithms. Apply 34, 2011 Type hams:	cocated on own de	neust Paters Application ne berewith ne. if net so execut	al, ma	edice for which application for	Letters Patent of the United Sisies was
Serial No. Assignee's animose is hearby suffered to inverse the inverse (h) the specified data, when known. Indicates a re-reministion and all Leners Paramis) of the United States granted on sold application and any commutation, division, renoval, substitute, triesage or re-reministion application based thereon, for the full term or terms for which the 2013 Letters Paramis) may be granted and metading any expensions thereof (collectively), becominer, "sold applications(s) and Letters Patentis)". The ASSIGNOR agree(s), when requested by sold ASSIGNEE and without but as Patentis)", to do all acts which the ASSIGNOE may does measured by sold ASSIGNEE, to do all acts which the ASSIGNOE, they does measured to expension, for securing manning and enthuring protection for sold invention, electrong in the proposation and proceedings of sold applications of and the transact of sold (enters Patentis), in any interference, release to examination, or public mer proceeding, and in any integration or when legal proceeding which may arise or be declared in relation to some, such acts to include but not be formed as executing all papers, including separate assignments and declarations, taking all rightful eaths, providing soon restringly, and obtaining and producing evidence. Its WITNESS WHERSOF, the undersigned inventor(s) has there affined instruction regionalists. (a) Hajimo ERIKAWA April 24, 2017 (1996).	(a) excepted on	·		this critical of execution of ap	plication, if not somewrown
Assigned a common in hundry indirected to interval (h) the specified data, when known. Individual indirection and all Leners Parentis) of the United States granted on sold application and any communities, division, renoval, substitute, reissue or renormalism application based thereon, for the full term or terms for which the 2013 Letters Parentis) may be granted and methoding any extensions thereof (collectively, heremotier, "sold applications(s) and Letters Patentis)"). The ASSIGNOR agree(s), when requested by said ASSIGNEH and without visions of the expense of said ASSIGNEH, to do all acts which the ASSIGNOR may does measured by said ASSIGNEH and without without good enforcing protection for said any localization of said applications(s) and the transmitted on, or public use proportion, and protection of said applications(s) and the tightness of said Letters Patentis), in any interference, release to extendituding in the proportion, so public use proportion, and in any ingulation or other legal proceeding which may arise or be declared in relation to same, such acts in include that not be familial to executing all papers, including separate assignments and declarations, taking all rightful eaths providing sworn restinancy, and obtaining and producing evidence. In WITNESS WHERSOF, the undersigned inventor(s) has there affired instruction regionaries. (Signature) Hajime ERIKAWA Application (high application) (Const.)					
ind to said application and all Letters Parent(s) of the United States granted on said application and any somination, division, renewal, substitute, missae or reexamination application based thereon, for the full term or terms for which the 20th Letters Parent(s) may be granted and including any extensions thereof (collectively, heremother, "said application(s) and Letters Palent(s)"). The ASSIGNOR agreet(s), when requested by said ASSIGNEII and withers change to but at the expense of said ASSIGNEII, to do all acts which the ASSIGNEII may does necessary, destrible or expenses, the securing, maintaining and entireting protection for said investion, including in the propagation and prosecution of said application(s) and the transfer Patent(s), in any minimizer, release, release, resource and the propagation and protection, and in any highestion or other legal proceeding which may arise or be declared in relation to some, such acts to include the nor be finished as executing all papers, including separate assignments and declarations, taking all right in earlier providing sworn restinancy, and obtaining and producing evidence. Its WITNESS WHERSOF, the undersigned inventor(s) has therefore afficient institutes signature(s). (1) Hajimo ERIKAWA April 24, 2017 (1) processing all pages and the page of the pag	(b) filed on	**************************************		Circumstance and States	oka diambana aka manana kaka da a aliansa a
substitute, reissue to recommunion application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and methoding any extensions thereof (collectively, heremafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), which requested by said ASSIGNOE and without change to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNOE may down necessary, desirated or experient, for securing, maintaining and entireting paraction for said investions, including in the pregnantion and proceeding, and in any highliciants) and the ignation of said Letters Potent(s), in any interfaces, including securing in the pregnantion and proceeding, and in any highliciants) and the ignation of other legal proceeding which may arise or be declared in minimum, as a including sequence as agraement and declarations, taking all rightful earths providing sworn testimony, and obtaining and proceeding evidence. Its WITNESS WHERSOF, the understand inventor(s) has there affixed his/her/their algorithms. (Signature) Hajimo ERIKAWA APOLE 4, 2017 (Signature) (Gass)	Serial No				ny amin'ny non-van'ny na aponyien'
which the ASSIGNEE may deem receisory, desirable or expedient, for securing, maintaining and enforcing protection for said investion, isolating in the proparation and procedurion of said applications) and the instance of said Leners Processes, in any inventionses, release, sections, so public use proceeding, and in any Irrigation or other legal proceeding which may arise or be declared in relation to some, such across to include but not be familial to executing all papers, including separate assignments and declarations, taking all rightful ouths, providing sworm restinancy, and obtaining and provincing evidence. IN WITNESS WHERSOF, the undersigned inventorial has therefore displacements. 4 April 4, 2017 (Signature) (Gine)	substitute, relesse of	recommution application base	al thereon, for	the full term or terms for which fi	he said Letters Patent(s) may be granted and
1) <u>Nesjanie Gibraum. Hajime ERIKAWA April 24, 2017</u> (Signaturi) (Signaturi) (Signaturi)	which the ASSIGNA including in the pro- recommission, as p- acts to include that a	If may doen tecepary, desiral transfer and prosecution of said able the proceeding, and in any or be familed to executing all provided to executing	ble or expedie Lapplication of a Lapplication of a specs, include	or, the scenning, maintaining and) and the insuance of table Letters that legal proceeding which may.	enfricing protection for said invention. Patents), in any interference, reissue, arise or be declared in relation to some, such
(Signature) (Type Rome) (Cone)	io vitness w	HERISOF, the undersigned invi	enter(s) has (f	sees affixed instrentheir signara	ndsk
	1) <u>"Ucjar</u>	u Gükaya			<u> </u>
(Signature) (1) 100 Name) (2000)	20 <u>Yoksi</u>	Ujshikava	yeediine	Yohei NISHIKAWA	April 26, 2017