503846073 05/27/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3892721 Stylesheet Version v1.2

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKUYA YOTANI	05/20/2016
HIROAKI TAIRA	05/20/2016
TAKAYUKI OKA	05/23/2016
HIDEKI MURAKI	05/19/2016

RECEIVING PARTY DATA

Name:	SEKISUI MEDICAL CO., LTD.
Street Address:	13-5, NIHONBASHI 3-CHOME
Internal Address:	CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1030027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14905472

CORRESPONDENCE DATA

Fax Number: (908)654-0415

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: (908) 518-6371

Email: assignment@lernerdavid.com

Correspondent Name: LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER: OKUYAM 3.3F-110

NAME OF SUBMITTER: MELINDA C. CORMIER

SIGNATURE: /Melinda C. Cormier/

DATE SIGNED: 05/27/2016

Total Attachments: 4

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PATENT REEL: 038734 FRAME: 0836 source=OKUYAM 3.3F-110 ()#page2.tif source=OKUYAM 3.3F-110 ()#page3.tif source=OKUYAM 3.3F-110 ()#page4.tif

> PATENT REEL: 038734 FRAME: 0837

former PTO/SB/15 (8-00) Modified LOLK&M Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION OKUYAM 3.3F-110 Whereas, I, Takuya Yotani c/o Seklsui Medical Co., Ltd., 13-5, Nihonbashi 3-chome, Chuo-ku, Tokvo 1030027 JAPAN hereafter referred to as assignor, have with others invented certain new and useful improvements in GRADIENT LIQUID FEED DEVICE FOR SAMPLE ANALYZER x for which an application for a United States Letters Patent was filed on January 15, 2016 Application Number 14/905,472 for which an application for a United States Letters Patent was executed by me on for which an International Application was filed on July 17, 2014 , as PCT/JP2014/069106 , designating the United States. And Whereas, Sekisui Medical Co., Ltd. a corporation of herein referred to as "assignee" whose mailing address is 13-5, Nihonbashi 3-chome, Chuo-ku, Tokyo 1030027 JAPAN is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollar (\$ is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. May 20, 2016

Date

Takuya Yotani

Masa aki Nagasaka

Witness

х	*Total of	4	forms are submitted.	

LD-515\

Masaaki Nagasaka Typed Name of Witness

	former PTO/SB/16 (8-00) Modified LDLK&N
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	OKUYAM 3.3F-110
Whereas, I, Hiroaki Taira	of
c/o Sekisui Medical Co., Ltd., 13-5, Nihonbashi 3-chome	, Chuo-ku, Tokyo 1030027 JAPAN
hereafter referred to as assignor, have with others invented certain	•
GRADIENT LIQUID FEED DEVICE FOR SAMPLE AN	
x for which an application for a United States Letters Pate	ent was filed on
Application Number 14/905,472 for which an application for a United States Letters Pater	at was evented by me on
x for which an International Application was filed on	July 17, 2014 , as
PCT/JP2014/069106 , designating the United	States.
And	
Whereas, Sekisui Medical Co., Ltd.	
a corporation of herein referred to as "assignee" whose mailing 13-5, Nihonbashi 3-chome, Chuo-ku, Tokyo 1030027 JAPA	
s desirous of acquiring the entire right, title and interest in the sa	
NOW, THEREFORE, In consideration of the sum of one is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all of applications and patents applied for or granted therefor in the said invention, including without limitation all applications and patents application pursuant to any law or treaty, are infringement with the right to sue for and collect the same for its egal representatives, and including the right to claim such price trademarks is hereby authorized and requested to issue all passaid assignee herein, as assignee of the entire interest the expresentatives, heirs and assigns do hereby agree and covenage all original, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to communication to the undersigned respecting said improvements, whence all rightful caths, and to do generally everything necessary to an obtain patent proteotion for said improvements in all countries, the and paid by said assignee.	es of America and ali other countries in and to said original, divisional, continuation, substitute or reissue United States of America and all other countries, for atents for said invention claiming priority or benefit of id including all claims for damages by reason of past sown use and the use of its successors, assigns and writy or benefit and the Commissioner of Patents and tents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal at without further remuneration, to execute and deliver or said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make ald assignee, its successors, assigns and nominees to
And I do hereby authorize my attorneys to insert on this deed the when known.	
May 20 , 2016	Minoshi Faira Hiroaki Taira
Date	Hiroaki Taira
May 20, 2016 Dete Masaaki Nagasaka Witness	

x *Total of 4 forms are submitted.

LD-515\

Masaaki Nagasaka Typed Name of Witness

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)	
	OKUYAM 3.3F-110	
Whereas, I, <u>Takayuki Oka</u>	of	
c/o Sekisui Medical Co., Ltd., 13-5, Nihonbashi 3-chome	, Chuo-ku, Tokyo 1030027 JAPAN	
hereafter referred to as assignor, have with others invented certain	ain new and useful improvements in	
GRADIENT LIQUID FEED DEVICE FOR SAMPLE AN	NALYZER	
x for which an application for a United States Letters Pate	ent was filed on <u>January 15, 2016</u>	
Application Number 14/905,472		
for which an application for a United States Letters Pater	nt was executed by me on	
x for which an International Application was filed on	July 17, 2014 , as	
PCT/JP2014/069106 , designating the United	States.	
Whereas, Sekisui Medical Co., Ltd.		
a corporation of herein referred to as "assignee" whose mailing	address is	
13-5, Nihonbashi 3-chome, Chuo-ku, Tokyo 1030027 JAPAI		
is desirous of acquiring the entire right, title and interest in the sa		
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.		
And I do hereby authorize my attorneys to insert on this deed the when known.	a filing date and application number of said application	
May 23, 2016	Takayaki Otsa	
Date	Takayuki Oka	
Masaaki Nagasaka Witness		
Masaaki Nagasaka		
Typed Name of Witness		

LD-515\

*Total of

4

forms are submitted.

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	former PTO/SB/15 (8-00) Modified LDLK&f
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) OKUYAM 3.3F-110
	OROTAIN 5.3F-110
Whereas, I, Hideki Muraki	of
2-14-13, Kamidaira, Fussa-shi, Tokyo 1970012 JAPAN	
hereafter referred to as assignor, have with others invented certa	
GRADIENT LIQUID FEED DEVICE FOR SAMPLE AN	-
X for which an application for a United States Letters Pate	ent was filed on <u>January 15, 2016</u>
Application Number 14/905,472	
for which an application for a United States Letters Pater	It was executed by me on
x for which an International Application was filed on	July 17, 2014 , as
PCT/JP2014/069106 , designating the United	States.
Whereas, Sekisui Medical Co., Ltd.	
a corporation of herein referred to as "assignee" whose mailing	address is
13-5, Nihonbashi 3-chome, Chuo-ku, Tokyo 1030027 JAPAI	
is desirous of acquiring the entire right, title and interest in the sa	me;
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, it assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all of applications and patents applied for or granted therefor in the it said invention, including without limitation all applications and patents applied for or granted therefor in the it said invention, including without limitation all applications and patents after the aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all parasid assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenar all original, divisional, continuation, reissue and other application assignments thereof to said assignee or its assigns, to community the undersigned respecting said improvements, where legal proceedings in which any of said applications or patents mall rightful oaths, and to do generally everything necessary to all obtain patent protection for said improvements in all countries, the and paid by said assignee.	es of America and all other countries in and to said riginal, divisional, continuation, substitute or reissue United States of America and all other countries, for atents for said invention claiming priority or benefit of ad including all claims for damages by reason of past of own use and the use of its successors, assigns and rity or benefit and the Commissioner of Patents and tents on said improvements or resulting therefrom to be present and the undersigned for me and my legal at without further remuneration, to execute and deliver one for Letters Patent on said improvements and all all all all assignee or its representatives all facts ever requested, to testify in any interferences or other hay become involved, to sign all lawful papers, make d assignee. Its successors, assigns and nominees to
And I do hereby authorize my attorneys to insert on this deed the when known.	filing date and application number of said application
May, 19, 2016	Hiacki Munaki
Date	Hideki Muraki
<u>Masaaki Nasa saka</u> Wilness	•
Masaaki Nagasaka Typed Name of Witness	

PATENT

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*Total of

forms are submitted.