07/15/2019 505571785

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIO NAKAMURA	11/21/2016
YUKIO FUKUI	11/19/2016
MASATAKA SAKAI	11/14/2016
NATSUO KODA	11/21/2016
KOJI OSAKI	11/21/2016

RECEIVING PARTY DATA

Name:	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
Street Address:	3-1, KASUMIGASEKI 1-CHOME
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8921
Name:	MIRAISENS, INC.
Name: Street Address:	MIRAISENS, INC. 1-1-1, UMEZONO
	,
Street Address:	1-1-1, UMEZONO
Street Address: Internal Address:	1-1-1, UMEZONO TSUKUBA-SHI

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16511760

CORRESPONDENCE DATA

Fax Number:

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: 7325422280

DLANE@TRBKLAW.COM Email:

Correspondent Name: TONG, REA, BENTLEY & KIM LLC

Address Line 1: 12 CHRISTOPHER WAY

PATENT

REEL: 049755 FRAME: 0399 505571785

Address Line 2: SUITE 105

Address Line 4: EATONTOWN, NEW JERSEY 07724

ATTORNEY DOCKET NUMBER: P026078CON5CIP1C1

NAME OF SUBMITTER: DIANE V. LANE

SIGNATURE: /Diane V. Lane/

DATE SIGNED: 07/15/2019

Total Attachments: 4

source = p026078CON5CIP1-executed Assignment #page 1. tifsource = p026078CON5CIP1-executed Assignment #page 2. tifsource = p026078CON5CIP1-executed Assignment #page 3. tifsource = p026078CON5CIP1-executed Assignment #page 4. tifsource = p026078CON5CIP1-executed Assignment #page 3. tifsource = p026078CON5CIP1-executed Assignment #page 4. tifsource = p026078CON5CIP1-executed Assignment #p02

PATENT REEL: 049755 FRAME: 0400

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS, Names and Addresses of Inventors

Norio Nakamura

c/o AIST, Tsukuba Central 1 1-1, Umezono 1-chome, Tsukuba-shi Ibaraki, 305-8560 Japan

Masataka Sakai

c/o AIST, Tsukuba Central 1 1-1, Umezono 1-chome, Tsukuba-shi Ibaraki, 305-8560 Japan

Koji Osaki

c/o AIST, Tsukuba Central 1, 1-1, Umezono 1-chome, Tsukuba-shi Ibaraki, 305-8560 Japan Yukio Fukui

c/o AIST, Tsukuba Central 1 1-1, Umezono 1-chome, Tsukuba-shi Ibaraki, 305-8560 Japan

Natsuo Koda

c/o AIST, Tsukuba Central 1, 1-1, Umezono 1-chome, Tsukuba-shi Ibaraki, 305-8560 Japan

(hereinafter referred to as Assignors), have invented a certain invention entitled:

HAPTIC INFORMATION PRESENTATION SYSTEM AND METHOD

For which application for Letters Patent in the United States was filed on **October 4**, **2016** as application serial number: **15/285,083**.

WHEREAS,

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan AND

MIRAISENS, Inc., of 1-1-1, Umezono, Tsukuba-shi, Ibaraki, 305-8560, Japan

(hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to The Patents (hereinafter referred to as Patents), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignor, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assigner to have been received in full from said Assignees:

1. Said Assignors hereby sell, assign, transfer and convey to Assignees the full and exclusive right, title and interest (a) in and to said Patents and said Inventions; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

Case Nos. DYNG/P026078CONCIP1

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignees the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignees.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignees, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that the Assignors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignees on the dates indicated below.

Norio Nakamura
Date:
Yukio Fukui
Date:
Masataka Sakai
Masataka Sakai
Masataka Sakai Masataka Sakai Date: Nov. 14, 2016
•
Natsuo Koda
Date:
Koji Osaki
Date:

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignees the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignees.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignees, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that the Assignors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignees on the dates indicated below.

Norio Makamura	
Date: Nov. 2/, 2016	
,	
Yukio Fukui	
Date:	
Masataka Sakai	
Date:	
Matarofaca	
Natsuo Koda	
Date: Nov. 2/, 2016	_
Koji Osaki Koji Osaki	
Date: Nov. 21, 2016	

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignees the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignees.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignees, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that the Assignors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignees on the dates indicated below.

Norio Nakamura
Date:
Yukio Fukui
Yukio Fukui
Date: Nov. 19, 2011
Masataka Sakai
Date:
Natsuo Koda
Date:
Koji Osaki
Date:

RECORDED: 07/15/2019

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