### 503903104 07/06/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3949755 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>
MASAKI YAMAMOTO	06/07/2016
TAKAYUKI NAKA	06/07/2016
HIROHISA YAMADA	06/07/2016
HIDEHARU TAJIMA	06/13/2016

### **RECEIVING PARTY DATA**

Name:	SHARP KABUSHIKI KAISHA
Street Address:	22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	545-8522

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15109905

### **CORRESPONDENCE DATA**

**Fax Number:** (810)385-9688

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:** 810-385-6050

**Email:** amy.tesluk@profilepatents.com

Correspondent Name: THOMAS F. QUINN, JR.
Address Line 1: 3061 COMMERCE DRIVE

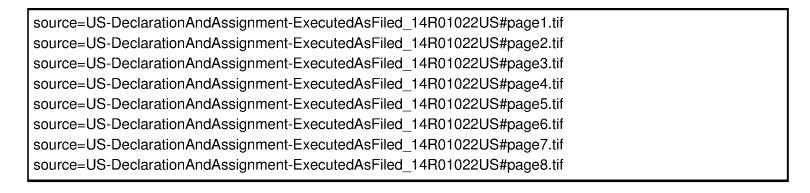
Address Line 2: SUITE 1

Address Line 4: FORT GRATIOT, MICHIGAN 48059

NAME OF SUBMITTER: THOMAS F. QUIN	,
OLONATURE TO S	
SIGNATURE: /Thomas F. Quinn	n, Jr. Reg. No. 35988/
<b>DATE SIGNED:</b> 07/06/2016	
This document se	erves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 8** 

503903104



Attorney Docket No. 14R01022/US

### **DECLARATION AND ASSIGNMENT**

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of a claimed invention in the application, which is entitled:

# CARBON DIOXIDE CONCENTRATION-CONTROLLING DEVICE AND ELECTRONIC APPARATUS

the specification of which is attached hereto along with any applicable amendments. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. The above-identified application was made or authorized to be made by me. I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate(s) listed below, or 365(a) of any PCT international application, listed below and have also identified below any foreign application for patent, inventor's certificate(s) or any PCT international application having a filing date before that of the application on which priority is claimed: PRIOR FOREIGN APPLICATION(S):

Application Number	Application Date	Application Country
2014-032131	2/21/2014	JP
2014-113456	5/30/2014	JP
PCT/JP2014/079843	11/11/2014	wo

WHEREAS, I, the undersigned, residing at the indicated address given next to my name below, have made an invention entitled - CARBON DIOXIDE CONCENTRATION-CONTROLLING DEVICE AND ELECTRONIC APPARATUS -, which is described in the above-identified PRIOR FOREIGN APPLICATION(S) listed by priority Patent Application number(s), date(s) and priority country.

WHEREAS, Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku,Osaka-shi Osaka 545-8522 Japan desires to acquire the entire right, title and interest in and to said invention and in, to and under any Patent Applications which may be filed and any Letters Patent granted covering the invention in the United States and in any and all other countries.

NOW, THEREFORE, in view of my employment with Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku,Osaka-shi Osaka 545-8522 Japan and other valuable consideration which is hereby acknowledged, I, the undersigned, hereby sell, assign, and transfer to Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku,Osaka-shi Osaka 545-8522 Japan its successors and assigns, the entire right, title and interest to the invention in the United States and in all other countries and the entire right, title, and interest in and to any and all patent applications covering the above invention, including the above identified application(s) and any and all corresponding and related applications in the United States and all countries, and the entire right, title, and interest in and to any and all Letters Patent which may be granted covering the invention in the United States and in any and all other countries and in and to any and all

divisions, reissues, continuations, and extensions thereof, to the extent that I am an inventor of such invention and I covenant that I have the full right to do so.

I hereby authorize and request the Patent Office Officials in the United States and in any and all other countries to issue any and all of said Letters Patent, when granted, to Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku,Osaka-shi Osaka 545-8522 Japan, as the assignee of the entire right, title and interest in and to the same, for the sole use of Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku,Osaka-shi Osaka 545-8522 Japan, its successors and assigns. I further agree that I will communicate to Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku,Osaka-shi Osaka 545-8522 Japan or its representatives or agents all facts and information known or available to me regarding said invention whenever requested; I will testify in any interference or other legal proceeding; I will execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc. and generally do everything possible to aid said Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku,Osaka-shi Osaka 545-8522 Japan, its successors and assigns, at its expense, in obtaining and enforcing proper protection for said invention in the United States and all other countries.

This Assignment shall be effective the earlier of: the date of my signature as indicated next to my name below, or the date of the last priority filing listed above.

IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name:

**MASAKI YAMAMOTO** 

Signature:

Date:

Masaki Hamamoto June 7, 2016

Mailing Address:

c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku,

Osaka-shi, Osaka 545-8522 Japan

Citizen of:

JAPAN

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This Assignment shall be effective the earlier of: the date of my signature as indicated next to my name below, or the date of the last priority filing listed above.

IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name: TAKAYUKI NAKA

Signature: <u>Jakayuki haka</u>

Date: June 1, 2016

Mailing Address: c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku,

Osaka-shi, Osaka 545-8522 Japan

Citizen of: JAPAN

#### DECLARATION AND ASSIGNMENT

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IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name:	HIROHISA YAMADA
Signature:	Hirohiza Yamada
Date:	June 7, 2016
Mailing Address:	c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku,

Osaka-shi, Osaka 545-8522 Japan

Citizen of: JAPAN

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IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name:

**HIDEHARU TAJIMA** 

Signature:

Hideharn Tajima

Date:

June 13 , 2016

Mailing Address:

c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku,

Osaka-shi, Osaka 545-8522 Japan

Citizen of: JAPAN

PATENT REEL: 039087 FRAME: 0093

**RECORDED: 07/06/2016**