

12-08-2008

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

103538431

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

TOMOHIKO MATSUSHITA (08/21/2008),
HIDEYUKI YAMASHITA (08/21/2008), TAKEO
NISHIKAWA (08/21/2008), MEGUMI MORIYAMA
(08/28/2008), RYOSUKE HASUI (08/21/2008), AND
SHIGERU AOYAMA (08/21/2008)Additional name(s) of conveying party(ies)
attached?☐ Yes☒ No

3. Nature of Conveyance:

☐

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☒

Other

Corrected Assignment to correct fifth
Assignor's execution date previously
recorded at Reel 021517, Frame 0001.Execution Date: in parentheses after inventor name

2. Name and address of receiving party(ies)

Name: OMRON Corporation

Internal Address: _____

Street Address:

801, MINAMIFUDODO-CHO,
HORIKAWAHIGASHIIRU;
SHIOKOJI-DORI, SHIMOGYO-KU,
KYOTO-SHI; KYOTO
600-8530; JAPAN

City: _____

State: _____

Zip: _____

Additional name(s) &
address(es) attached:☐ Yes☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is: _____

A. Patent Application No.(s):

12/282,611

B. Patent No.(s):

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Thomas K. Scherer
OSHA - LIANG LLP

Internal Address: Atty. Dkt.: 15115/391001

Street Address:
909 Fannin Street, Suite 3500City:
HoustonState:
TXZip:
770106. Total number of applications and
patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒

Enclosed

☐

Authorized to be charged to deposit account

☒

Authorized to be charged to credit card

(Form 2038 enclosed)

8. Deposit account number:

50-0591

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.*Thomas Scherer #45,079

Name of Person Signing

[Signature]

Signature

12/2/08

Date

Total number of pages including cover sheet, attachments, and documents: 14

12/05/2008 08:00:00 00000050 12282611

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40.00 00

TO: THOMAS K. SCHERER COMPANY: 1221 MCKINNEY STREET

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.109/11/2008
500645191

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Tomohiko Matsushita</td><td>08/21/2008</td></tr><tr><td>Hideyuki Yamashita</td><td>08/21/2008</td></tr><tr><td>Takeo Nishikawa</td><td>08/21/2008</td></tr><tr><td>Ryosuke Hasui</td><td>08/21/2008</td></tr><tr><td>Shigeru Aoyama</td><td>08/31/2008</td></tr><tr><td>Megumi Moriyama</td><td>08/28/2008</td></tr></tbody></table>		Name	Execution Date	Tomohiko Matsushita	08/21/2008	Hideyuki Yamashita	08/21/2008	Takeo Nishikawa	08/21/2008	Ryosuke Hasui	08/21/2008	Shigeru Aoyama	08/31/2008	Megumi Moriyama	08/28/2008
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RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>Omron Corporation</td></tr><tr><td>Street Address:</td><td>801, Minamifudodo-cho, Horikawahigashiiru</td></tr><tr><td>Internal Address:</td><td>Shiokoji-dori, Shlmogyo-ku,</td></tr><tr><td>City:</td><td>Kyoto-shi, Kyoto</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>600-8530</td></tr></table>		Name:	Omron Corporation	Street Address:	801, Minamifudodo-cho, Horikawahigashiiru	Internal Address:	Shiokoji-dori, Shlmogyo-ku,	City:	Kyoto-shi, Kyoto	State/Country:	JAPAN	Postal Code:	600-8530		
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PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12282611</td></tr></tbody></table>		Property Type	Number	Application Number:	12282611										
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Application Number:	12282611														
CORRESPONDENCE DATA															
Fax Number: (713)228-8778 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 713-228-8600															
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Address Line 1: 1221 MCKINNEY STREET															
Address Line 2: SUITE 2800															
Address Line 4: HOUSTON, TEXAS 77010															
ATTORNEY DOCKET NUMBER:	15115/391001 (BCM)														

OP \$40.00 12282611

TO: THOMAS K. SCHERER COMPANY: 1221 MCKINNEY STREET

NAME OF SUBMITTER:

Brenda C. McFadden

Total Attachments: 4

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PATENT

REEL: 021945 FRAME: 0955



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ASSIGNMENT

譲渡証

本証末尾に署名した者（以下、「発明者」という）は、適正・相当な対価を受領しており、それが十分な対価であることを認識した上で、
(氏名または組織名)

OMRON Corporation

(住所)

**801, Minamifudodo-cho, Horikawahigashiiru;
Shiokoji-dori, Shimogyo-ku, Kyoto-shi; Kyoto;
600-8530; JAPAN**

(以下「会社」という)と、その承継人および譲受人に対して、
(発明の名称)

**CHIP FOR SURFACE PLASMON RESONANCE
SENSOR AND SURFACE PLASMON
RESONANCE SENSOR**

という名称で知られ、アメリカ合衆国において末尾署名者が特許申請をした発明(以下、「発明」という)にかかるアメリカ合衆国(その属領、支配地を含むがこれに限らない)におけるすべての権利、権原および利権を、当該特許申請、その分割、継続、一部継続、再発行及び延長、並びに、それらに対して与えられる全ての米国特許証とともに譲渡する。かかる利権とは、「会社」、その承継人、譲受人、またはそれらの法的代理人の上記申請に対する、及び、特許証が与えられたときはそれに対する、本譲渡が行われなかった場合に「発明者」に対して特許証が与えられ、また延長されることにより享受しようと同一の期間にわたる完全な所有権を意味する。

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as "INVENTOR(S)") hereby assign, transfer and set over to:

OMRON Corporation

having the following address:

**801, Minamifudodo-cho, Horikawahigashiiru;
Shiokoji-dori, Shimogyo-ku, Kyoto-shi; Kyoto;
600-8530; JAPAN**

(referred to herein as "COMPANY"), its successors and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

**CHIP FOR SURFACE PLASMON RESONANCE
SENSOR AND SURFACE PLASMON RESONANCE
SENSOR**

for which the undersigned has/have executed an application for patent in the United States of America (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

PATENT

REEL: 021945 FRAME: 0956



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さらに、本証末尾に署名した発明者は、それぞれ、以下のとおり同意する。

1. 発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
2. 工業所有権の保護に関する国際条約またはそれに類する条約や協定の下で優先権の主張その他のために必要な、書面、書類の執行及び合法的行為を遂行すること。
3. 有効かつ強制力のある特許を「会社」が得るために必要なあらゆる合法かつ積極的な行為をすること。

本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆国特許商標庁長官に対して、当該特許申請（それに基づくすべての分割、継続、一部継続、再発行申請を含むがそれに限らない）から生じるすべての特許証を「会社」に対して発行するよう授權し、かつ、請願する。

本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をオーシャ・リャン法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.



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以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature

年月日 (署名)
氏名 (楷書): Tomohiko Matsushita

August 21, 2008 Tomohiko Matsushita
Date Name: Tomohiko Matsushita

年月日 (署名)
氏名 (楷書): Hideyuki Yamashita

August 21, 2008 Hideyuki Yamashita
Date Name: Hideyuki Yamashita

年月日 (署名)
氏名 (楷書): Takeo Nishikawa

August 21, 2008 Takeo Nishikawa
Date Name: Takeo Nishikawa

年月日 (署名)
氏名 (楷書): Megumi Moriyama

Date Name: Megumi Moriyama

年月日 (署名)
氏名 (楷書): Ryosuke Hasui

August 21, 2008 Ryosuke Hasui
Date Name: Ryosuke Hasui

年月日 (署名)
氏名 (楷書): Shigeru Aoyama

Aug. 21, 2008 Shigeru Aoyama
Date Name: Shigeru Aoyama

本譲渡証はアメリカ合衆国のいずれかの州の公証人または下記に署名する2名の証人の前で署名されるものとする。

This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

年月日 (署名)
氏名 (楷書):

August 21, 2008 ARANE ITO
Date Name: ARANE ITO

年月日 (署名)
氏名 (楷書):

August 21, 2008 Nako Choh
Date Name: Nako CHOH

本譲渡証が特許申請書と同時に提出されなかった場合、下記識別情報が後に追加されるものとする。

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

米国申請シリアル番号:

U.S. Application Serial No.: 12/282,611
Filing Date: 11 September 2008

申請日:



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以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

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年月日	(署名) 氏名 (楷書): Tomohiko Matsushita	Date	Name: Tomohiko Matsushita
年月日	(署名) 氏名 (楷書): Hideyuki Yamashita	Date	Name: Hideyuki Yamashita
年月日	(署名) 氏名 (楷書): Takeo Nishikawa	Date	Name: Takeo Nishikawa
年月日	(署名) 氏名 (楷書): Megumi Moriyama	28 Aug '08 Date	Megumi Moriyama Name: Megumi Moriyama
年月日	(署名) 氏名 (楷書): Ryosuke Hasui	Date	Name: Ryosuke Hasui
年月日	(署名) 氏名 (楷書): Shigeru Aoyama	Date	Name: Shigeru Aoyama

本譲渡証はアメリカ合衆国のいずれかの州の公証人または下記に署名する2名の証人の前で署名されるものとする。

This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

年月日	(署名) 氏名 (楷書):	28 Aug '08 Date	藤田和博 Name: Kazuhiro Fujita
年月日	(署名) 氏名 (楷書):	28 Aug. 08 Date	Takahiro Moriyama Name: Takahiro Moriyama

本譲渡証が特許申請書と同時に提出されなかった場合、下記識別情報が後に追加されるものとする。

米国申請シリアル番号:
申請日:

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 12/282,611
Filing Date: 11 September 2008