

09-27-2002



102235332

Docket No.: 15115.020001

SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):

Kenichi MURAI
Mitsuaki HIRONO

9-25-02

Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 04/01/2002, 04/08/2002

2. Name and address of receiving party(ies):

Name: OMRON Corporation

Address: 801, Minamifudodo-cho,

Horikawahigashiiru,

Shiokoji-dori, Shimogyo-ku, Kyoto-shi

City: Kyoto

State/Prov.:

Country: JAPAN

ZIP: 600-8530

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

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

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

Patent Application No. Filing date

10/091,369

03/05/2002

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jonathan P. Osha

Registration No. 33,986

Address: ROSENTHAL & OSHA L.L.P.

1221 McKinney, Suite 2800

City: Houston

State/Prov.: TX

Country: USA

ZIP: 77010

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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8. Deposit account number:

50-0591

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01/05/01 Statement and signature.

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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 K. Scherer, Reg. No. 45,079

Name of Person Signing

Signature

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To the Honorable Commissioner of Patents and Trademarks, [redacted] be attached original documents or copy thereof.

1. Name of conveying party(ies):

Kenichi MURAI
Mitsuaki HIRONO

6.17.02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 04/01/2002

2. Name and address of receiving party(ies):

Name: **OMRON Corporation**Address: **801, Minamifudodo-cho,****Horikawahigashiru,****Shiokoji-dori, Shimogyo-ku, Kyoto-shi**City: **Kyoto**

State/Prov.: _____

Country: **JAPAN**ZIP: **600-8530**

Additional name(s) & address(es)

☐ Yes ☒ No

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

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

Patent Application No.

Filing date

B. Patent No.(s)

10/091,369

03/05/2002

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Jonathan P. Osha,**Registration No. **33,986**Address: **ROSENTHAL & OSHA L.L.P.****1221 McKinney, Suite 2800**

06/24/2002 TDIAZ1 00000023 10091369

01 FC:581

40.00 DP

City: **Houston**State/Prov.: **TX**Country: **USA**ZIP: **77010**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ **40.00**☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

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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.

Jeffrey S. Bergman, Reg. No. 45,925

Name of Person Signing

Jeffrey S. Bergman

Signature

June 7, 2002

Date

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Commissioner of Patents & Trademarks, Box Assignments
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PATENT
REEL: 013319 FRAME: 0619

ROSENTHAL & OSHA L.L.P.**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）

（住所）

（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）

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うる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, a corporation of Japan
having the following address:

801, Minamifudodo-cho, Horikawahigashi-ru,
Shiooji-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:

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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.

ROSENTHAL & OSHA L.L.P.

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、修正を含め、
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
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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ローゼ
ンタール・アンド・オーシャ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 ROSENTHAL & OSHA L.L.P. 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.

ROSENTHAL & OSHA L.L.P.

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有効させた。

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

(署名)

年月日 氏名 (楷書) :

2002/4/1

Date

Kenichi Murai

Print or Typed Name: Kenichi MURAI

(署名)

年月日 氏名 (楷書) :

2002/4/8

Date

Mitsuaki Hirono

Print or Typed Name: Mitsuaki HIRONO

(署名)

年月日 氏名 (楷書) :

Date

Print or Typed Name:

(署名)

年月日 氏名 (楷書) :

Date

Print or Typed Name:

(署名)

年月日 氏名 (楷書) :

Date

Print or Typed Name:

(署名)

年月日 氏名 (楷書) :

Date

Print or Typed Name:

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名の証人の面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:

(署名)

年月日 氏名 (楷書) :

2002/4/1

Date

Yoshiharu Konaka

Print or Typed Name:

(署名)

年月日 氏名 (楷書) :

2002/4/1

Date

J. Fujimori

Print or Typed Name:

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:

3

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.: 10/091,369

Filing Date: March 5, 2002