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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yoichi TOGUCHI  
Yui TADA  
Shinichiro OKAMURA

Additional names(s) of conveying party(ies)  Yes  No

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)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: **10/10/2003**

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
10/648,035	08/26/2003

B. Patent No.(s)

Additional numbers  Yes  No

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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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*Thomas Scherer #45,079*  
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*[Signature]*  
Signature

12/8/03  
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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)

(住所)

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(発明の名称)

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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:

**INTRUDING OBJECT DETECTING APPARATUS,  
AND SETTING APPARATUS, SETTING PROCESS  
AND SETTING CONFIRMATION PROCESS  
THEREFOR**

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.

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。
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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

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

10/10/2003  
Date

Yoichi  
Name: Yoichi TOGUCHI

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

10/10/2003  
Date

Yui Tada  
Name: Yui TADA

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

10/10/2003  
Date

Shinichiro Okamura  
Name: Shinichiro OKAMURA

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name:

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name:

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

10/10/2003  
Date

Toshinari Mori  
Name: Toshinari MORI

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。

10/10/2003  
Date

Tadao Nishiyuchi  
Name: Tadao NISHIGUCHI

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

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

\_\_\_\_\_  
(署名)  
年月日 氏名 (楷書):

U.S. Application Serial No.: 10/648,035

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。

Filing Date: 08/26/2003

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