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

1. Name of conveying party(ies):
   Akihiro FUNAMOTO
   Shigeru Aoyama

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

   Execution Date: 05/22/2003

2. Name and address of receiving party(ies):
   Name: OMRON Corporation
   Address: 801, Minamifudodo-cho, Horikawahigashi-ku,
       Shiokoji-dori, Shimogyo-ku, Kyoto-shi
   City: Kyoto
   State/Prov: Japan
   ZIP: 600-8530

   Additional name(s) & address(es) □ Yes □ No

3. Nature of conveyance:
   □ Assignment
   □ Merger
   □ Security Agreement
   □ Change of Name
   □ Other

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
   10/425,020 04/28/2003

   B. Patent No.(s)

   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
   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:
   50-0591
   (Attach duplicate copy of this page if paying by deposit account)

   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 #95079  July 17, 2003
   Name of Person Signing
   Signature

Total number of pages including cover sheet, attachments, and

PATENT
REEL: 014287 FRAME: 0070
ASSIGNMENT

譲渡証

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, Minamifuji-dō, Horikawahigashi-ku, Shiokoji-dōri,
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:

REFLECTIVE PLATE, METHOD OF MAKING SAME, AND REFLECTIVE TYPE LIQUID CRYSTAL DISPLAY USING THE REFLECTIVE PLATE

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。

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権限し、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証渡証に挿入する権限をローセンタル・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.
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

22 May 2003  Akihiro FUNAMOTO
Date Name: Akihiro FUNAMOTO

25 May 2003  Shigeru AOYAMA
Date Name: Shigeru AOYAMA

This Assignment may be signed before two witnesses who sign below:

22 May 2003  Naohiro Ariyoshi
Date Name: Naohiro Ariyoshi

22 May 2003  Masahiko MATSUISHI
Date Name: Masahiko MATSUISHI

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.: 10/425,020
Filing Date: 04/28/2003

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RECORDED: 07/21/2003
PATENT
REEL: 014287 FRAME: 0073