

06-27-2002



102137879

ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying parties:

- a) Kohei Tomita
- b) Kiyoshi Imai
- c) Naoya Nakashita
- d) Hiroyuki Inoue

06/18/02

2. Name and address of receiving party:

- a) Name: OMRON Corporation
Address: 801 Minamifudodo-cho, Horikawahigashiiru,
Shiokoji-dori, Shimogyo-ku,
Kyoto 600-8530 Japan

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: May 22, 2002

4. Application Number(s) or Patent Number(s): 10/109,568

The title of the (new) application is: **OPTICAL REFLECTION SENSOR**

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (510) 843-6200
Fax: (510) 843-6203
(Customer Number: 022434)

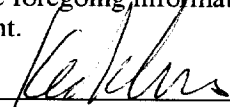
6. Total number of applications and patents involved: 1

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

- Enclosed
- Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. OMRNP020)

8. 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.

Date: June 11, 2002


 Keiichi Nishimura
 Registration No. 29,093

06/24/2002 MAHME1 00000085 10109568

03 FC:581

40.00 0P

Attorney Docket No. OMRNP020

(Revised 12/01)

PATENT
REEL: 013020 FRAME: 0050

ASSIGNMENT

WHEREAS, Kohei Tomita, Kiyoshi Imai, Naoya Nakashita and Horiyuki Inoue, all of Kyoto, Japan, hereinafter referred to as "Assignors," have invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States entitled OPTICAL REFLECTION SENSOR; and have executed an application for a United States patent disclosing and identifying the invention on the March 27, 2002, and having Serial Number 10/109,568 and filing date of March 27, 2002; and

WHEREAS, OMRON Corporation, a corporation of Japan, having a place of business at 801 Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto 600-8530, Japan, hereinafter referred to as "Assignee," desires to acquire the entire right, title and interest in and to said application, said invention, said improvements and all Letters Patent which may be granted thereon in the United States or any foreign country;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by Assignors,

1. Assignors hereby sell, assign, transfer and convey to Assignee the entire worldwide right, title and interest in and to said application, said invention and said improvements, and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign country, including any divisions, substitutions, continuations in whole or in part, conversions, reissues, additions or extensions thereof, said interest to be held and enjoyed by Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made.

2. Assignors hereby warrant, covenant and represent that they have not heretofore granted any license, right or privilege with respect to said application, invention or improvements, or in any other way encumbered the same, and that they have the full right to make this Assignment.

3. Assignors further agree that at the request and expense of Assignee, but without charge to said Assignee, they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications or said Letters Patent, in said

Assignee, and will execute all oaths and other papers, within the truth, that are necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said invention or improvements which are deemed necessary or desirable by Assignee, for reissuance or reexamination of said Letters Patent, or for the filing in foreign countries of applications for Letters Patent covering said invention or improvements.

4. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignors, their heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, we have executed and delivered to Assignee this instrument this

- (1) 22 day of May, 2002,
- (2) 22 day of May, 2002,
- (3) 22 day of May, 2002,
- (4) 22 day of May, 2002, respectively.

(1) Kohei Tomita
Kohei Tomita (Inventor)

(2) Kiyoshi Imai
Kiyoshi Imai (Inventor)

(3) Naoya Nakashita
Naoya Nakashita (Inventor)

(4) Hiroyuki Inoue
Hiroyuki Inoue (Inventor)