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U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of F

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d original documents or copy thereof

Address of receiving party(ies):

1. Name of conveying party, \_\_\_\_\_  
Toshinori Sato and Toshiyuki Higuchi

Additional name(s) of conveying party(ies) attached?  Yes  No

Name: OMRON CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 10, Tsuchido-cho, Hanazono, Ukyo-ku,

City: Kyoto

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: Japan

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

JC542 U.S. PTO  
29/124039



3. Nature of Conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date(s): 5/23/00

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

If this document is being filed together with a new application, the Execution date(s) of the new application is (are): 5/23/00

A. Patent Application No.(s): \_\_\_\_\_ B. Patent No.(s): \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP

Internal Address: Atty. Dkt.: N0520.0030/P030

Attn: Thomas J. D'Amico

Street Address: 2101 L Street NW

City: Washington State: DC Zip: 20037 - 1526

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R 3.41) \$ \$40.00

Enclosed

Authorized to be charged to deposit account

Credit any overpayment or debit any underpayment


8. Deposit account number: 4 - 1073

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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 J. D'Amico  May 30, 2000

Signature Date

Reg. No. 28,371

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT

THIS ASSIGNMENT, made this \_\_\_\_\_ day of \_\_\_\_\_ 1988 by:

- (a) Toshitaka Sato
- (b) Toshiyuki Higuchi
- (c) \_\_\_\_\_
- (d) \_\_\_\_\_
- (e) \_\_\_\_\_

(hereinafter referred to as the assignors), respectively residing at

- (f) c/o OMRON CORPORATION, 10, Tsuchido-cho, Hanazono, Ukyo-ku, Kyoto, Japan
- (g) c/o OMRON CORPORATION, 10, Tsuchido-cho, Hanazono, Ukyo-ku, Kyoto, Japan
- (h) \_\_\_\_\_
- (i) \_\_\_\_\_
- (j) \_\_\_\_\_

witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in  
photoelectric switch \_\_\_\_\_ set forth

in an application for Letters Patent of the United States, executed on a) \_\_\_\_\_; b) \_\_\_\_\_  
; c) \_\_\_\_\_; d) \_\_\_\_\_; and e) \_\_\_\_\_ respectively, or has already been  
filed as U.S. application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

WHEREAS, OMRON CORPORATION a corporation duly organized under and  
pursuant to the laws of Japan having its principal place of business at 10, Tsuchido-cho,  
Hanazono, Ukyo-ku, Kyoto, Japan hereinafter referred to as the  
assignee) is desirous of acquiring the entire right, title and interest in and to said inventions  
and said application for Letters Patent of the United States, and in and to any Letters Patent or  
Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and  
sufficient considerations, the receipt of which is hereby acknowledged, the said assignor(s)  
have sold, assigned, transferred as set over, and by these presents do sell, assign, transfer and  
set over, unto the assignee, its successors, legal representatives and assigns, the entire right,

title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters patent or Patents in the United States of America which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor(s), had this sale and assignment not been made.

AND for the same consideration, the said assignor(s) hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor(s) is/are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor(s) hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignor(s) will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said assignee, its successors, legal representatives and assigns.

AND said assignor(s) hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee, as the assignee of said inventions and the Letters patent to be issued thereon for the sole use and benefit of the said assignee, its successors, legal representatives and assigns.

AND said assignor(s) the undersigned hereby grant(s) the following individuals 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 Office for recordation of this document:

DICKSTEIN SHAPIRO MORIN & OSHENSKY LLP

Gary M. Hoffman, Reg. No. 26,411; Thomas J. D'Amico, Reg. No. 28,371; Donald A. Gregory, Reg. No. 28,954; James W. Brady, Jr., Reg. No. 32,115; Jon D. Grossman, Reg. No. 32,699; Mark J. Thronson, Reg. No. 33,082; Eric Oliver, Reg. No. 35,307; John A. Wasleff, Reg. No. 36,047; Laurence E. Fisher, Reg. No. 37,131; John Fuisz, Reg. No. 37,329; Robert L. Hails, Jr., Reg. No. 39,702; William E. Powell, III, Reg. No. 39,803; and James M. Silbermann, Reg. No. 40,413.

AND the said assignor(s) acknowledge an obligation of assignment of this invention to said assignee at the time the invention was made.

Date May 23, 2000

Assignor Toshinori Sato  
Toshinori ~~Toshitake~~ Sato  
T.S. May 23, 2000

Date May 23, 2000

Assignor Toshiyuki Higuchi  
Toshiyuki Higuchi

Date \_\_\_\_\_

Assignor \_\_\_\_\_

Date \_\_\_\_\_

Assignor \_\_\_\_\_

Date \_\_\_\_\_

Assignor \_\_\_\_\_

\* This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither then it should be signed before at least two witnesses who also sign here.

Date: May 23, 2000

Witness: Ikuro Takeda

Date: May 23, 2000

Witness: Hirosaki Sekii