

01-08-2001

Atty. Dkt. No. 018889/0175

FORM PTO-1595 (modified)

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Norikazu KAWAI
 Takeshi KAKINUMA
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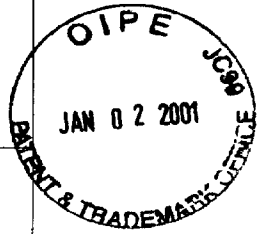
Additional conveying party(ies) attached? NO

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

OMRON CORPORATION
 801 Minamifudoudou-cho,
 Horikawahigashiiru
 Shiokouji-dori, Shimogyo-ku
 Kyoto-shi, Kyoto 600-8530, Japan

Additional name(s) & address(es) attached? NO



3. Nature of conveyance:
ASSIGNMENT

Execution Date:
December 11, 2000

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

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

A. Patent Application Number(s):
09/662,815

B. Patent Number(s):

Additional numbers attached? NO

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

William T. Ellis
 FOLEY & LARDNER
 Washington Harbour
 3000 K Street, N.W., Suite 500
 Washington, D.C. 20007-5109

6. Total number of applications/patents involved: **1**

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

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William T. Ellis
 Name of person signing

[Signature]
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January 2, 2001
 Date

Total number of pages including cover sheet, attachments, and document: 3

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and
address of
assignee

OMRON CORPORATION of
801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku,
Kyoto-shi, Kyoto 600-8530 Japan
(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

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Serial No. 09/662,815 Filed September 15, 2000

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Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Norikazu Kawai	Signature: <i>Norikazu Kawai</i>	Date: December 11, 2000
Name: Takeshi Kakinuma	Signature:	Date:
Name: Koji Kirino	Signature:	Date:
Name: Takahiro Ono	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: Hiroyuki Isegawa	Signature: <i>Hiroyuki Isegawa</i>	Date: December 11, 2000
Name: Ryuta Kawaguchi	Signature: <i>Ryuta Kawaguchi</i>	Date: December 11, 2000

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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Norikazu Kawai		December 11, 2000
Takeshi Kakinuma	Takeshi Kakinuma	December 11, 2000
Koji Kirino	Koji Kirino	December 11, 2000
Takahiro Ono	Takahiro Ono	December 11, 2000

NAMES AND SIGNATURES OF WITNESSES

Name:	Signature:	Date:
Yuji Ohashi	Y. Ohashi	December 11, 2000
Tomohiko Hayakawa	T. Hayakawa	December 11, 2000

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