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Attorney Docket No.: 041094-5011

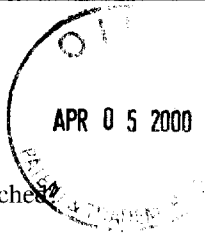
To the Assistant Commissioner for Patents:
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

- 1. Motokuni TAKAOKA
- 2. Masanori SUGIURA

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



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

- Name: 1) Nippon Kouatsu Electric Co., Ltd
- 2) Motokuni Takaoka

Internal Address:

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: December 22, 1999

- Street Address: 1) 1-5, Hamanaka-cho, Minami-ku, Nagoya, Japan
- 2) 82-1, 1-chome, Mikanyama-cho, Mizuho-ku, Nagoya, Japan

City: _____
State: _____ Zip: _____

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

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

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

A. Patent Application No.(s): 09/438,289

B. Patent No.(s)

04/06/2000 MICHAEL 00000045 09438289

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Additional numbers attached: Yes No

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

Name: J. Michael Thesz

Internal Address: Morgan, Lewis & Bockius LLP

Street Address: 1800 M Street, N.W.

City: Washington State: D.C. Zip: 20036

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 50-0310

8. Deposit account number: 50-0310

Attach duplicate of page if paying by deposit account

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.

J. Michael Thesz
Name of Person Signing

J. Michael Thesz
Signature

April 5, 2000
Date

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

FAULT POINT LOCATION SYSTEM

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on November 12, 1999, (Application No. _____); and

WHEREAS, 1) Nippon Kouatsu Electric Co., Ltd. and 2) Motokuni Takaoka, a Corporation of Japan, whose post office address is 1) 1-5, Hamanaka-cho, Minami-ku, Nagoya, Japan and 2) 82-1, 1-chome, Mikanyama-cho, Mizuho-ku, Nagoya, Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/438,289, filed November 12, 1999) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Motokuni TAKAOKA	Assignor's Signature <i>Motokuni Takaoka</i>	Date <i>Dec. 22, 1999</i>
Address 82-1, 1-chome, Mikanyama-cho, Mizuho-ku, Nagoya, Japan		Citizenship Japan
Full Name of Second Assignor Masanori SUGIURA	Assignor's Signature <i>Masanori Sugiura</i>	Date <i>Dec. 22, 1999</i>
Address c/o Research and Development Center 35, Fukahazama, Nagakusa-cho, Obu-shi, Aichi-ken, Japan		Citizenship Japan
Full Name of Third Assignor	Assignor's Signature	Date
Address		Citizenship Japan
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		