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U.S. DEPARTMENT OF COMMERCE

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JAPAN AE POWER SYSTEMS CORPORATION

TECHNICAL CONSULTING TANIMIZU LTD.

Hitachi-shi, Ibaraki 319-1222 Japan

Patent and Trademark Office

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

27-11, Kujicho 6-chome

Name and address of receiving party(ies);

8-3, Nishishinbashi 3-chome Minato-ku, Tokyo 105-0003 Japan

1. Name of conveying party(ies):

Toru TANIMIZU
Toyohisa TSURUTA
Toshimasa FUKAI
Akira NISHIJIMA
Hiroshi FUJIMAKI
Yoshiyuki TANIMIZU

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

September 21, 2004

Additional name(s) & address(es) attached?

NO

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

A. Patent Application Number(s):

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

10/914,504

B. Patent Number(s):

Additional numbers attached? NO

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

6. Total number of applications/patents involved:

7. Total fee (37 C.F.R. § 3.41):

\$40.00

Richard L. Schwaab FOLEY & LARDNER LLP Washington Harbour 3000 K Street, N.W., Suite 500 Washington, D.C. 20007-5143

Check Enclosed

Charge to deposit account

8. Deposit account number:

19-0741

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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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

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Richard L. Schwaab

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

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ASSIGNMENT

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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

JAPAN AE POWER SYSTEMS CORPORATION

8-3, Nishishinbashi 3-chome, Minato-ku, Tokyo 105-0003 Japan, and

TECHNICAL CONSULTING TANIMIZU LTD.

27-11, Kujicho 6-chome, Hitachi-shi, Ibaraki 319-1222 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

ELECTROMAGNETIC DEVICE

as set forth in his/her United States Patent Application

check one

()	executed concurrently herewith					
()	executed or	n				
		10/914,504	Filed	August	10.	2004

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she 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, reexaminations, 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 LLP the

Each of the undersigned hereby grants the firm of Foley & Lardner LLP 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	1.7	·····	_date_09/21/200	4	date
signatures of	Name:	Toru Tanimizu		Name:	Toyohisa Tsuruta
inventors					
			_date		date
	Name:	Toshimasa Fuka	i	Name:	Akira Nishijima

	date	J. January date 09/2//2004
Name:	Hiroshi Fujimaki	Name: Yoshiyuki Tanimizu
	date	date
Name:		Name

ASSIGNMENT

POYAEP DO 108

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

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check one

	executed concurrently herevexecuted on	executed concurrently herewith			
` '	Serial No. 10/914, 504		August	10. 2004	

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

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Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she 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, reexaminations, or extensions. which may be granted therefor or thereon, including reissues, reexaminations, 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;

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names and signatures of inventors

Name: Toru Tanimizu

Toshimasa Fukad date 29/21/2004 akira Riskijima date 09/21/2004

Name: Akira Nishijima

Name: Hiroshi Fujimaki date 09/21/2004	date
Name: Hirošhi Fujimaki	Name: Yoshiyuki Tanimizu
date	date
Name:	Name:

RECORDED: 11/30/2004