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To the Honorable Commissioner of Patent:

101543604

original documents or copy thereof.

1. Name of conveying party(ies):

Takeshi UDAGAWA, Masahiro KAN, Yoshihiro ISHIZAKI,  
Nobuyuki SHIMIZU, Hironori SUZUKI, Hiroyoshi NARITA,  
Yoshihiko HIRANO, Hideyasu ANDOH, Yasuhiko  
TANIGUCHI, Masahiro HANAI, Masahiko EBINA, Keisuke  
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2. Name and address of receiving party(ies):

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

3. Nature of Conveyance:

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

Execution Date: September 27, 2000

Additional name(s) and 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)  
09/617,115

B. Patent No.(s)

Additional numbers attached?  Yes  No

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



22850

6. Total applications and patents involved: 1

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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.

Marvin J. Spivak

Name of Person Signing

*Joseph A. Scafetta, Jr.*  
Signature

*Nov 20, 2000*  
Date

Registration Number: 24,913

Joseph A. Scafetta, Jr.  
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12/06/2000 MTHA11 00000322 09617115

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# Assignment Of Application

Page 1 of

WHEREAS, I (WE) Takeshi UDAGAWA, Masahiro KAN, Yoshihiro ISHIZAKI,

Nobuyuki SHIMIZU, Hironori SUZUKI, Hiroyoshi NARITA, Yoshihiko HIRANO,

Hideyasu ANDOH, Yasuhiko TANIGUCHI, Masahiro HANAI, Masahiko EBINA,

Keisuke SHIMAGAMI, Yoshiyasu ITOH, and Takahiko SHINDO

of 3-2-21-501, Komaoka, Tsurumi-Ku, Yokohama-Shi, Kanagawa-Ken, Japan; 1-24-4-101,

Kounandai, Kounan-Ku, Yokohama-Shi, Kanagawa-Ken, Japan; 633, Nishiya-Machi,

Hodogaya-Ku, Yokohama-Shi, Kanagawa-Ken, Japan; 2-8-17-1-117, Kitaterao, Tsurumi-Ku,

Yokohama-Shi, Kanagawa-Ken, Japan; 5-31-5, Rokkakubashi, Kanagawa-Ku,

Yokohama-Shi, Kanagawa-Ken, Japan; 1252-13-4-606, Fukaya-Cho, Totsuka-Ku,

Yokohama-Shi, Kanagawa-Ken, Japan; 2-7-5, Kitamagome, Ohta-Ku, Tokyo, Japan;

3-18-8-101, San'nou, Ohta-Ku, Tokyo, Japan; 1593-13, Izumi-Cho, Izumi-Ku,

Yokohama-Shi, Kanagawa-Ken, Japan; 1080-8, Shimotsuchidana, Fujisawa-Shi,

Kanagawa-Ken, Japan; 1566-530, Nara-Cho, Aoba-Ku, Yokohama-Shi, Kanagawa-Ken,

Japan; 2-8-17-1-122, Kitaterao, Tsurumi-Ku, Yokohama-Shi, Kanagawa-Ken, Japan;

3-3-18, Nakazawa, Asahi-Ku, Yokohama-Shi, Kanagawa-Ken, Japan;

2-17-21-202, Minamiyamada, Tsuzuki-Ku, Yokohama-Shi, Kanagawa-Ken, Japan

\_\_\_\_\_, respectively,

have invented certain new and useful improvements in: \_\_\_\_\_

VOLTAGE NON-LINEAR RESISTOR UNIT AND ARRESTER UNIT \_\_\_\_\_,

for which an application for Letters Patent was executed on September 27, 2000

(Application No. 09/617,115 \_\_\_\_\_, filed July 14, 2000 \_\_\_\_\_), and

WHEREAS, KABUSHIKI KAISHA TOSHIBA

(hereinafter referred to as "ASSIGNEE") having a place of business at: \_\_\_\_\_

72, Horikawa-Cho, Saiwai-Ku, Kawasaki-Shi, Kanagawa-Ken, Japan \_\_\_\_\_,

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS:

INSERT TITLE  
OF INVENTION:

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: September 27, 2000

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 (Signature of Inventor) Masahiro KAN

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Date: September 27, 2000

Takahiko Shindo  
(Signature of Inventor) Takahiko SHINDO

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

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