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FORM PTO-1595
1-31-92



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

Name: KABUSHIKI KAISHA TOSHIBA

Address: 1-1, Shibaura 1-chome,
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Japan



3. Nature of Conveyance:

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Execution Date: September 28, 2001

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

09/970943

If this document is being filed together with a new application, the execution date of the application is: September 28, 2001

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:



22850

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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PATENT
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A S S I G N M E N T

In consideration of value received, I, having a mailing address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

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 sell and assign to
 KABUSHIKI KAISHA TOSHIBA
 a corporation of Japan, having a business address at
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its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

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Oblon, Spivak, McClelland, Maier & Neustadt, P. C., Fourth Floor, 1755
 Jefferson Davis Highway, Arlington, Virginia 22202

ASSIGNMENT

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Inventor: (Signature)

Date

Residence

Akihiro Kasahara
Akihiro Kasahara

SEP. 28. 2001

Sambu-gun, Japan

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