

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

10-05-2001

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Conveying Party(ies)☐ Mark if additional names of conveying parties attached

Name (line 1) Ikuo Ozawa

Execution Date
Month Day Year
09 13 2001

Name (line 2)

Second Party

Name (line 1) Toshiki Sugiyama

Execution Date
Month Day Year
09 13 2001

Name (line 2)

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1) DENSO Corporation

Name (line 2)

Address (line 1) 1-1, Showa-cho

Address (line 2)

Address (line 3) Kariya-city

Aichi-pref., Japan

448-8661

City

State/Country

Zip Code

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Correspondent Name and Address

Area Code and Telephone Number

248-641-1600

Name H. Keith Miller, Esq.

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1

Application Number(s) or Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
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Patent Cooperation Treaty (PCT)

Enter PCT application number
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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:

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Deposit Account

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Deposit Account Number:

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Authorization to charge additional fees:

Yes ☒

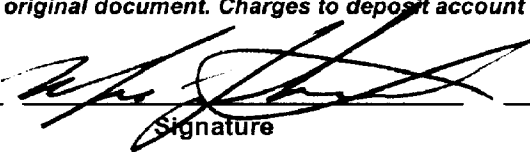
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Michael J. Schmidt, Esq.

Name of Person Signing



Signature

September 26, 2001

Date

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Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1) **Norihisa Sasano**

Execution Date
Month Day Year
09 13 2001

Name (line 2)

Name (line 1) **Noriaki Maeda**

Execution Date
Month Day Year
09 13 2001

Name (line 2)

Name (line 1) **Shun Kurata**

Execution Date
Month Day Year
09 13 2001

Name (line 2)

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Patent Application Number(s)

Patent Number(s)

jc971 U.S. PTO

09/964100

09/26/01

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

DENSO CORPORATION

1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

FRONT END STRUCTURE

relating to International Patent Application PCT/JP _____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____;

(b) filed on _____,
Serial No. _____/_____;

(_____)
_____) is hereby authorized to insert in (b) the specified
data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) *Ikuo Ozawa*
(SIGNATURE)

Ikuo Ozawa
(TYPE NAME)

September 13, 2001
(DATE)

2) *Toshiki Sugiyama*
(SIGNATURE)

Toshiki Sugiyama

September 13, 2001