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

1. Name of conveying party(ies):

Kenichi SUGIYAMA
Toshiyuki MASUDA
Masao KISHI

11/15/02

Additional conveying party(ies) **NO**

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

HITACHI UNISIA AUTOMOTIVE, LTD.
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Kanagawa 243-8510, Japan

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3. Nature of conveyance:
ASSIGNMENT

Execution Date:
November 1, 2002

Additional name(s) & address(es) attached? **NO**

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

If this is being filed together with a new application, the execution date of the application is: **November 1, 2002**

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? **NO**

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

Pavan K. Agarwal
FOLEY & LARDNER
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6. Total number of applications/patents involved: **1**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

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Pavan K. Agarwal

November 15, 2002

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

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ASSIGNMENT

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name and address of assignee

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1370, Onna, Atsugi-shi,
Kanagawa 243-8510 Japan

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names and signatures of inventors

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Toshiyuki Masuda date 11/1/2002
Name: Toshiyuki Masuda

Masao Kishi date 11/1/2002
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