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Hideki SUNAGA - January 23, 2001
 Takeshi OHBA - January 23, 2001
 Kazunori YAMADA - January 23, 2001
 Katsuhiko MACHIDA - January 24, 2001
 Hiromi KAWARAI - January 23, 2001
 Yoshinori ASAYAMA - January 24, 2001

Additional conveying party(ies) NO

3. Nature of conveyance:
 ASSIGNMENT

Execution Date:
 Same as above

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

CALSONIC KANSEI CORPORATION
 24-15, Minamidai 5-chome, Nakano-ku
 Tokyo, 164-8602 JAPAN

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

1c714 U.S. PTO
 09/180431
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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:

January 23 and 24, 2001

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:

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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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ASSIGNMENT

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name and address of assignee

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24-15, Minamidai 5-chome, Nakano-ku
Tokyo 164-8602 Japan

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names and signatures of inventors

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Kazunori Yamada date 01/23/2001 Katsuhiko Machida date 01/24/2001
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Hiromi Kawarai date 01/23/2001

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Yoshinori Asayama date 01/24/2001

Name: Yoshinori Asayama

_____ date _____

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_____ date _____

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