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1. Name of conveying party(ies):
Hiromi TAKASAKI, Yoshikazu TAKAMATSU,
Nobuo ICHIMURA and Susumu SATO

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
CALSONIC KANSEI CORPORATION
24-15, Minamidai 5-chome, Nakano-ku,
Tokyo, Japan

J1017 U.S. PTO
09/816345
03/26/01

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other _____

Additional name(s) & address(es) attached?
 yes no

Execution Date: March 21, 2001

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: March 21, 2001
A. Patent Application No.(s)/Confirmation No.(s) *09816345*
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1
7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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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.
Darryl Mexic *Reg No. 23,551* March 26, 2001
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TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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04/04/2001 DBYRNE 00000190 09816345
01 FC:581 40.00 DP

Assignment

Whereas, I/We, Hiromi TAKASAKI, Yoshikazu TAKAMATSU,
Nobuo ICHIMURA all of Tokyo, Japan and
Susumu SATO of Tochigi, Japan

XX

hereinafter called assignor(s), have invented certain improvements in

DUPLEX PIPE END WORKING METHOD AND DUPLEX PIPE END WORKING APPARATUS

and executed an application for Letters Patent of the United States of America therefor on
March 21, 2001 ; and

Whereas, Calsonic Kansei Corporation of
24-15, Minamidai 5-chome, Nakano-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
in the application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United States application
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: March 21, 2001 s/ Hiromi Takasaki

Date: March 21, 2001 s/ Yoshikazu Takamatsu

Date: March 21, 2001 s/ Nobuo Ichimura

Date: March 21, 2001 s/ Susumu Sato

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)