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Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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2. Name and address of receiving party(ies)

Name: (1) Hitachi, Ltd. and (2) Texas
Instruments Incorporated

Internal Address: _____

Street Address: (1) Chiyoda-ku, Tokyo, Japan

and (2) Dallas, Texas 75265 USA

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): Serial No. 09/050,946

63.99

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

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:

Name: Gregory E. Montone, Esq.

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& KRAUS, LLP

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Suite 1800

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6. Total number of applications and patents involved: 1

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

☒ Enclosed☒ Any shortage☒ Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

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.

Gregory E. Montone

Name of Person Signing

Reg. No. 28,141

Signature

June 3, 1999

Date

Total number of pages including cover sheet, attachments, and document: ☐Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 009994 FRAME: 0310

INVENTOR'S NAMES AND EXECUTION DATES OF ASSIGNMENT

<u>Name</u>	<u>Execution Date</u>
Tsutomu Takahashi	January 28, 1998
Kouji Arai	January 28, 1998
Yasushi Takahashi	January 30, 1998
Atsuya Tanaka	January 28, 1998
Shunichi Sukegawa	March 17, 1998
Shinji Bessho	March 17, 1998
Masayuki Hira	March 17, 1998

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi, Ltd. and TEXAS INSTRUMENTS INCORPORATED of Chiyoda-ku, Tokyo, Japan and Dallas. Texas 75265. U.S.A its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd. and TEXAS INSTRUMENTS INCORPORATED, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd. and TEXAS INSTRUMENTS INCORPORATED.

- | | (Full Name) | (Signature) |
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Residence _____ Citizenship _____
Post Office Address _____
- 11) Date _____ Inventor _____
Residence _____ Citizenship _____
Post Office Address _____
- 12) Date _____ Inventor _____
Residence _____ Citizenship _____
Post Office Address _____
- 13) Date _____ Inventor _____
Residence _____ Citizenship _____
Post Office Address _____
- 14) Date _____ Inventor _____
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Witness(es)

- All) _____ 5) Yoshiyuki Nakajima 10) _____
1) Yukihide SUZUKI 6) Shinji Nishitani 11) _____
2) Hideyuki YOKOU 7) Shing Hada 12) _____
3) Akira YONO 8) _____ 13) _____
4) Michiyo SUZUKI 9) _____ 14) _____