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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Kosuke INOUE, Tatsuya YONEDA, Takamichi SUZUKI,
Ryosuke KIMOTO, Junichi SUZUKI

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

2. Name and address of receiving party(ies)

Name: Hitachi LTD

Internal Address:

Street Address: 6, Kanda Surugadai 4-Chome

Chiyoda-Ku, Tokyo Japan

City: State: ZIP:

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

10514 U.S. PTO
09/113183
07/10/98

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: June 25, 1998

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: June 25, 1998

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: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 NORTH SEVENTEENTH STREET

SUITE 1800

City: ARLINGTON State: VA ZIP: 22209

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

01-2135

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copies are a true copy of the original document.

Alan E. Schiavelli
Name of Person Signing

Signature

July 21, 1998
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 9326 FRAME: 0121

Name and Address of Additional Receiving Party:

Name: Hitachi Tokyo Electronics Co., Ltd.

Street Address: 3-2, Fujihashi-3-chome, Ome-shi, Tokyo, Japan

Name: Hitachi ULSI Systems Co., Ltd.

Street Address: 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo Japan

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Kosuke INOUE, Tatsuya YONEDA, Takamichi SUZUKI, Ryosuke KIMOTO, and Junichi SUZUKI,

citizens of Japan by HITACHI, LTD., Hitachi Tokyo Electronics Co., Ltd., and Hitachi ULSI Systems Co., Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, 3-2, Fujihashi-3-chome, Ome-shi, Tokyo, Japan, and 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, respectively, receipt of which is hereby acknowledged, we, the said Kosuke INOUE, Tatsuya YONEDA, Takamichi SUZUKI, Ryosuke KIMOTO, and Junichi SUZUKI,

do hereby sell and assign to said HITACHI, LTD., Hitachi Tokyo Electronics Co., Ltd., and Hitachi ULSI Systems Co., Ltd.,

~~its~~ their successors and assigns, all our right, title and interest, in and for the United States of America, in and to "BUMP FORMATION METHOD"

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., Hitachi Tokyo Electronics Co., Ltd., and Hitachi ULSI Systems Co., Ltd.,

~~its~~ their Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., Hitachi Tokyo Electronics Co., Ltd., and Hitachi ULSI Systems Co., Ltd.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Kosuke Inoue</u> (Kosuke INOUE)	June 25, 1998	<u>Yasuji Moriyama</u>
2) <u>Tatsuya Yoneda</u> (Tatsuya YONEDA)	June 25, 1998	<u>Yasuji Moriyama</u>
3) <u>Takamichi Suzuki</u> (Takamichi SUZUKI)	June 25, 1998	<u>Yasuji Moriyama</u>
4) <u>Ryosuke Kimoto</u> (Ryosuke KIMOTO)	June 25, 1998	<u>Yasuji Moriyama</u>
5) <u>Junichi Suzuki</u> (Junichi SUZUKI)	June 25, 1998	<u>Yasuji Moriyama</u>
6) _____ ()	_____	_____
7) _____ ()	_____	_____
8) _____ ()	_____	_____