

FORM PTO-1595
(Rev. 6-93)



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Execution Date: 07/20/01 07/20/01 07/20/01

4. Application number(s) or patent number(s):
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10/022.093
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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Eric S. Hyman**

6. Total number of applications and patents involved: **01**

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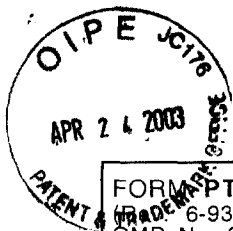
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04/28/2003 ECDOPER 00000050 022666 10022093
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Docket No. 51876P269C

PATENT
REEL: 013994 FRAME: 0409



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09967583

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FORM PTO-1595 Rec: 6-93
OMD No. 0651-0011 (exp. 4/94)

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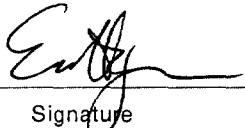
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Attorney Docket No. 51876p269
(5/27/1997)

PATENT
REEL: 013994 FRAME: 0410

36957 U.S. PTO
09/967583
09/28/01

ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) JUN, CHI HOON *JCH* 7/20/2001 (5) _____
- (2) CHOI, CHANG AUCK *Chang Auck Choi* (6) _____
- (3) KIM, YOUN TAE *Youn Tae Kim* (7) _____
- (4) _____ (8) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE a institute organized under the laws of the Republic of Korea, located at 161 GAJEONG-DONG, YUSONG-GU, DAEJEON, KOREA

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled MICROCHANNEL ARRAY STRUCTURE EMBEDDED IN SILICON SUBSTRATE AND ITS FABRICATION METHOD

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED of the dates indicated aside our signatures:

<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) <u><i>JCH</i></u> Name: JUN, CHI HOON	<u>July 20, 2001</u>
2) <u><i>Chang Auck Choi</i></u> Name: CHOI, CHANG AUCK	<u>July 20, 2001</u>
3) <u><i>Youn Tae Kim</i></u> Name: KIM, YOUN TAE	<u>July 20, 2001</u>
4) _____ Name: _____	_____
5) _____ Name: _____	_____