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(Rev. 10/02)
OMD No. 0651-0011 (exp. 6/30/2005)



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102329871

To the Honorable Commissioner of Patents and

documents or copy thereof.

1. Name of conveying party(ies):

Hwan Kyu Shim; Young Soo Song; Sang Hoon Kim; Jin Yeong Kang

12-24-02

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 10/25/02

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

Name: Electronics and Telecommunications Research Institute

Internal Address: _____

Street Address: 161, Kajong-Dong, Yusong-GuCity: Daejeon-Shi State: _____ ZIP: _____Country: KoreaAdditional name(s) & address(es) attached? ☒ No ☐ Yes

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: 10/25/02

A. Patent Application No.(s)

10,329,269

B. Patent No.(s)

Additional numbers attached? ☒ No ☐ Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: _____

Street Address: 12400 Wilshire Boulevard
7th Floor

City: Los Angeles State: CA ZIP: 900256. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
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 Washington, D.C. 20231

Docket No. 5882P042

PATENT
REEL: 013619 FRAME: 0837

U.S. PTO
10/329269
12/24/02

01/06/2003 DBYRNE 00000194 10329269
01 FC:0021 40.00 DP

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) Kyu Hwan SHIM (5)
- (2) Young Joo SONG (6)
- (3) Sang Hoon KIM (7)
- (4) Jin Yeong, KANG (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, Kajong-Dong,
Yusong-Gu, Daejon-Shi, 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

OPTOELECTRONIC DEVICE HAVING DUAL-STRUCTURAL NANO

DOT AND METHOD FOR MANUFACTURING THE SAME

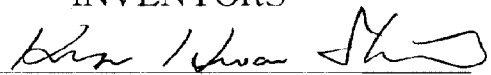
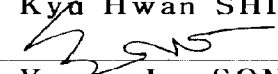

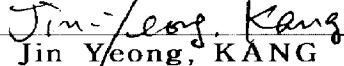
(a) for which an application for United States Letters Patent was filed on _____,
and identified by United States Serial No. _____;
or

(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:

INVENTORS		DATE SIGNED
1)	 Name: <u>Kyu Hwan SHIM</u>	<u>October 25, 2002</u>
2)	 Name: <u>Young Joo SONG</u>	<u>October 25, 2002</u>
3)	 Name: <u>Sang Hoon KIM</u>	<u>October 25, 2002</u>
4)	 Name: <u>Jin Yeong, KANG</u>	<u>October 25, 2002</u>

Docket No.

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