

08-13-1999

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

10553 U.S. P.T.O.
09/366147



<p>1. Name of conveying parties: <u>(1) Peter A. Emmi, and</u> <u>(2) Byeongju Park.</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>3. Nature of Conveyance: <u>Assignment</u></p> <p>Execution Dates: <u>8/3/99; 8/3/99</u></p>	<p>2. Name and address of receiving party(ies): Name: <u>International Business Machines Corporation</u> Street Address: <u>New Orchard Road</u> City: <u>Armonk</u> State: <u>New York</u> ZIP: <u>10504</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
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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: 8/3/99; 8/3/99

A. Patent Application Number(s) _____ B. Patent Number(s) 09/366147

Additional number(s) attached? YES NO

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Kevin R. Casey</u></p> <p>Internal Address: <u>Ratner & Prestia</u> Street Address: <u>Suite 301, One Westlakes, Berwyn,</u> <u>P.O. Box 980</u> <u>Valley Forge, PA 19482-0980</u> Phone: <u>(610) 407-0700</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account (FI-373)</p> <p>8. Deposit account number: <u>09-0458 (IBM Corporation)</u> (Attach duplicate copy of this page if paying by deposit account.)</p>
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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.

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ASSIGNMENT

WHEREAS, we

- (1) Peter A. Emmi of ~~225 Judith Drive, Stormville, NY 12582~~; 14 FARM LN., HYDE PARK, N.Y.
- (2) Byeongju Park of 1 Scenic Drive, Apt. #1G, Wappingers Falls, NY 12590

12538
 PGE
 8/3/99

have invented certain improvements in

VERTICAL CHANNEL FIELD EFFECT TRANSISTOR AND PROCESS OF MANUFACTURING THE SAME

and have executed, respectively, a United States patent application therefor on:

- (1) AUGUST 9RD , 1999;
- (2) August 3 , 1999.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now, therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on

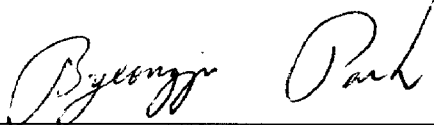
said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at EAST FISHKILL, N.Y.
on AUGUST 3RD, 1999;


Peter A. Emmi

(2) at East Fishkill, NY
on August 3, 1999.


Byeongju Park