

11-19-2002

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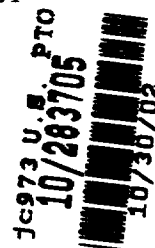


Docket No. YOR920020133US1

102286332
REGISTRATION FORM COVER SHEET
PATENT

10/30/02

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



1. Name of conveying parties

Tak H. Ning

2. Name and address of receiving parties

Name IBM Corporation
Address Armonk, N.Y. 10504

Additional name(s) of conveying
party(ies) attached ? NO

Additional name(s) and addresses
attached ? NO

3 Nature of conveyance
Assignment

4. Patent Application number(s)
Serial Number- Not Yet Assigned
Filed - Herewith

Execution Dates 10/25/02

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

Name Alvin J. Riddles
Address Box 34, Candlewood Isle,
New Fairfield, Ct. 06812

6 Total Number of applications
involved: 1

7. Total Fee (37CFR3.41) \$ 40.00
Deposit Account
Authorization Attached

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8. 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.

Alvin J. Riddles

10/30/02

Name of person signing
Reg. No. 17862

Signature

Date

11/18/2002 JFALLAH2 00000021 500510 10283705
01 FC:8021 40.00 CH

PATENT
REEL: 013489 FRAME: 0955

ASSIGNMENT

Whereas, I

**Tak H. Ning of 3085 Weston Lane, Yorktown Heights, Westchester County
New York, 10598**

inventor of the patent application titled

**GRADED-BASE-BANDGAP BIPOLAR TRANSISTOR HAVING
A CONSTANT – BANDGAP IN THE BASE**

And filed a U.S. Patent Application therefor, herewith, executed on 10/25/02

**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, it's successors and assigns, the
entire right, title and interest in the said application and 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 and
Trademarks to issue any Letters Patent granted upon the inventions set forth in said
application to IBM, it's 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.**

ASSIGNMENT

Signature

Signed and sealed

Inventor at

Signature

Yorktown
Tak H. Ning
Tak H. Ning

on *October 25, 2002*

END OF ASSIGNMENT