

04-22-2002



**RECORD**

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102062573

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To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof.

JC973 U.S. PTO  
10/119328  
04/08/02

1. Name(s) of conveying party:

- (1) Qing Dai  
(2) Bruno Marchon  
(3) Michael Andrew Scarpulla  
(4) Richard Longstreth White  
(5) Bing K. Yen

04/08/02

2. Name and address of receiving party:

International Business  
Machines Corporation  
New Orchard Road  
Armonk, NY 10504

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

3. Nature of conveyance:

XX Assignment Execution Dates: 03-26-02; 03-28-02; 04-01-02

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:

A. Patent Application No.(s)

B. Patent No.(s) Additional numbers attached? Yes XX No

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

G. Marlin Knight (#33,409)  
Hoyt & Knight  
PO Box 1320  
Pioneer, CA 95666

6. Total Number of applications and patents involved: One

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

Authorized to be charged to deposit account 09-0466

8. Deposit Account Number: 09-0466

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.

(X) G. Marlin Knight  
G. Marlin Knight (#33,409)

Date: 04-08-02

( Total number of pages including cover sheet, attachments, and document: 2 )

04/19/2002 DBYRNE 00000159 090466 10119328  
01 FC:581 40.00 CH

SJO9-2001-0148US1

**PATENT**  
**REEL: 012798 FRAME: 0619**

ASSIGNMENT

Whereas, we:

(1) Qing Dai	of San Jose, CA
(2) Bruno Marchon	of Palo Alto, CA
(3) Michael Andrew Scarpulla	of San Jose, CA
(4) Richard Longstreth White	of Los Altos, CA
(5) Bing K. Yen	of San Jose, CA

have invented certain improvements in a

**Thin Film  $\text{TiSi}_x\text{N}_y$  Protective Layer**

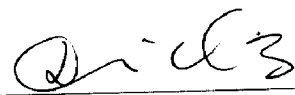
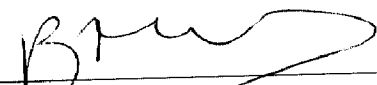
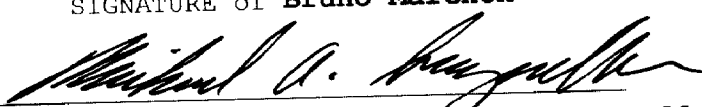
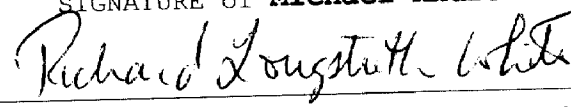
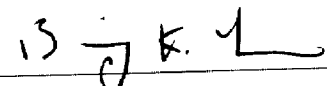
and executed, respectively, a declaration for a United States patent application therefor on

(1) 3-28, 2002;  
(2) 3-28, 2002;  
(3) 3-28, 2002;  
(4) 4-1, 2002;  
(5) 3-28, 2002.

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, 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 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 inventions 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.

Executed:

(1) at <u>San Jose</u> (CITY)	(x) <u></u>
on DATE <u>3/28/02</u> , 2002,	SIGNATURE of Qing Dai
(2) at <u>San Jose</u> (CITY)	(x) <u></u>
on DATE <u>03/26/02</u> , 2002,	SIGNATURE of Bruno Marchon
(3) at <u>San Jose</u> (CITY)	(x) <u></u>
on DATE <u>03/28/2002</u> , 2002,	SIGNATURE of Michael Andrew Scarpulla
(4) at <u>San Jose</u> (CITY)	(x) <u></u>
on DATE <u>04/1/2002</u> , 2002,	SIGNATURE of Richard Longstreth White
(5) at <u>San Jose</u> (CITY)	(x) <u></u>
on DATE <u>3/28/2002</u> , 2002,	SIGNATURE of Bing K. Yen

SJO9-2001-0148US1