



TO THE ASSISTANT COMMISSIONER 100799221
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

8/11/98

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

- 1. Hong XU
- 2. Donald Lee BURGOON
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.



ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Performance Friction Corporation

ADDRESS: 83 Carbon Metallic Highway, Clover, South carolina 29710

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF WHOLE PART INTEREST

EXEC. DATE: June 17 and June 25, 1998

CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) June 17 and June 25, 1998

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

APPL. NO.	PAT. NO.	INVENTOR (if not in item 1)
09/089,223	249143	

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:
APPLNS 1 + PATS = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 249143

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO.
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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.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 3

Attorney: Michelle N. Lester

Reg. No. 32331

Date: August 11, 1998

Atty/Sec: MNL/pgd

TEL: (202) 861-3693

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:
Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

Atty. Dkt. PMS 249143 | Client Ref.
M#

ASSIGNMENT
of U.S. Origin Patent Application
(to Corporation)
(or Limited Partnership)

WHEREAS, the undersigned, to wit:

- 1) Hong XU
- 2) Donald Lee BURGOON
- 3) _____
- 4) _____

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. _____

and entitled: COMPUTER VISION-BASED ROTOR MACHINING SYSTEM APPARATUS AND METHOD

for which an application for Letters Patent of the United States

was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;

was filed on June 3, 1998, Appln. No. _____ / _____ ;

AND WHEREAS Performance Friction Corporation (hereinafter ASSIGNEE), a corporation Limited Partnership duly organized and existing under the laws of the State of North Carolina and having its principal office and place of business at 83 Carbon Metallic Highway, Clover, South Carolina 29710, desires to acquire an interest therein;

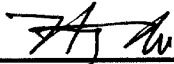
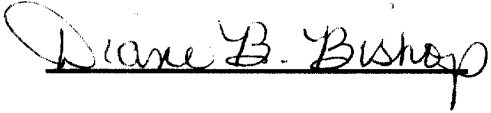
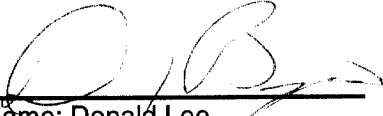
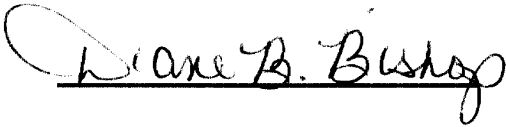
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
1)  _____ Name: Hong XU	<u>6/17/98</u>	 _____ Diane B. Bishop
2)  _____ Name: Donald Lee BURGOON	<u>6/25/98</u>	 _____ Diane B. Bishop
3) _____ Name:	_____	_____
4) _____ Name:	_____	_____