

10-29-1998



100804156

MRD 9-18-98

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

~~40.00~~ E
No Spec Fee

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 9367 FRAME: 0637

Correspondent Name and Address Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text" value="5151999"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)
Enter PCT application number only if a U.S. Application Number has not been assigned.
PCT PCT PCT
PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

John Nicholas Gross

[Handwritten Signature]

9/14/98

Name of Person Signing
Reg. No. 34,175

Signature

Date

YMKP
2-24-98

Rel. 74-1297

FORM 16-6

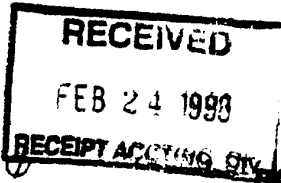
16-33

581/320

03-09-1998



100655739



Practitioner's Docket No. UMCWP 98-000 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
Commissioner of Patents and Trademarks
Washington, D.C. 20231

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under § 3.81(b)." 37 C.F.R. § 3.27.

ASSIGNMENT (DOCUMENT) COVER SHEET (37 C.F.R. § 3.31)

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 C.F.R. § 3.31(b).

Attached please find an assignment (document) for recordal.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*
(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10*

with sufficient postage as first class mail.

as "Express Mail Post Office to Addressee"
Mailing Label No. _____ (mandatory)

TRANSMISSION

transmitted by facsimile to the Patent and Trademark Office.

J. Nicholas Gross
Signature

Date: February 20, 1998

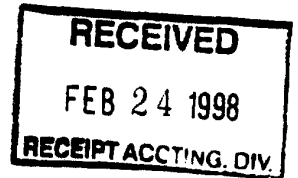
J. Nicholas Gross, Esq.
(type or print name of person certifying)

***WARNING:** Each paper or fee filed by Express Mail **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Assignment (Document) Cover Sheet [16-6] —page 1 of 6)

03/09/1998 TTOM11 00000132 4494196 320.00 00
01 FC:581



**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)
FOR ASSIGNMENT (DOCUMENT) RECORDAL**

(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

NOTE: See 37 C.F.R. § 3.21.

NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

National application: SN: 0 / filed on

Provisional application: / filed on

International application: PCT/ /

Patent No: 4,494,196 Issued: January 15, 1985

(complete if applicable) which was previously assigned and recorded (unknown)

Date _____ Reel _____
Frame _____

NOTE: If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended. 37 C.F.R. § 3.21.

(also complete the following, if applicable)

and also for the applications and/or patents shown on the attached list of FURTHER APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added 2

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS
AND TOTAL FEE**

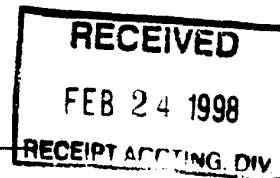
NOTE: All requests to record documents must be accompanied by the appropriate fee; a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). 37 C.F.R. § 3.41.

2. A. The total number of applications and/or patents identified in this cover sheet is 8

B. The total fee is (37 C.F.R. § 1.21(h)):

8 × \$40.00 = \$ 320.00
Total number of applications and/or patents

(Assignment (Document) Cover Sheet [16-6]—page 2 of 6)



C. Payment of fee is made by:

the attached check for \$ 320.00

Please charge Account _____
the sum of \$ _____

A duplicate of this cover sheet is attached.

Please charge Account _____ for any fee deficiency or credit to
account any overpayment.

NAME OF PARTY(IES) CONVEYING INTEREST

(37 C.F.R. § 3.31(a)(1))

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65).

3. The party(ies) conveying interest is (are):

Name 1: WANG LABORATORIES, INC.

Name 2:

Name 3:

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST

(37 C.F.R. § 3.31(a)(2))

4. The rights are being conveyed to:

Name: United Module Corporation

Address: 993 Highland Circle

Los Altos, CA 94024

PATENT

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED** (37 C.F.R. § 3.31(a)(3))

5. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a merger.
- a license.
- a change of name.
- a change of address.
- other:

**NAME AND ADDRESS OF PARTY TO WHOM
CORRESPONDENCE SHOULD BE MAILED** (37 C.F.R. § 3.31(a)(5))

6. Please address correspondence to:

Name: Peter Courture, Esq.
Address: 993 Highland Circle
Los Altos, CA 94024
Telephone No.: (650) 968-8855

DATE ASSIGNMENT (DOCUMENT) EXECUTED
(37 C.F.R. § 3.31(a)(7))

7. The attached assignment (document) was executed on November 28, 1997
Date

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation." 37 C.F.R. § 3.26.

8. The attached document:

- is in the English language.
- is not in the English language and an English translation signed by the individual making the translation is attached.

(Assignment (Document) Cover Sheet [16-6]—page 4 of 6)

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: See 37 C.F.R. § 3.24.

9. Submitted herewith is:

- the original document.
- a true copy of the original document, which I certify to be a true copy.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

NOTE: "Certification shall be made by the person submitting a copy of an original document that the document submitted is a true copy of the original. The certification is not required to be in an oath or declaration form." M.P.E.P., 6th ed., § 302.01.

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS

(check item, if applicable)

- 10. Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME

(check item, if applicable)

- 11. Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

CHANGE OF PATENT MAINTENANCE FEE ADDRESS

(check item, if applicable)

- 12. A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

PATENT

REEL: 9367 FRAME: 0643

(Assignment (Document) Cover Sheet [16-6]—page 5 of 6)

**STATEMENT (37 C.F.R. § 3.31(a)(9)) AND
SIGNATURE (37 C.F.R. § 3.31(a)(10))**

13. 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.

NOTE: "The term party as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: February 20, 1998

J. Nicholas Gross

Name of party submitting document

J. Nicholas Gross

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

J. Nicholas Gross

SIGNATURE OF PRACTITIONER

John Nicholas Gross

(type or print name of practitioner)

Reg. No.: 34,175

Tel. No.: (408) 342-1862

10950 N. Blaney, Suite B

P.O. Address

Customer No.:

Cupertino, CA 95014

TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

9

Total number of pages submitted

(Assignment (Document) Cover Sheet [16-6]—page 6 of 6)

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE #1)

FURTHER APPLICATION(S) AND/OR
PATENTS BEING ASSIGNED

DETAILS OF PRIOR
RECORDAL (IF ANY)

<input type="checkbox"/> In re application:	<input type="checkbox"/> International	Reel _____
Application No.: /	Application	Frame _____
Filed:	PCT /	
For:	/	
<input checked="" type="checkbox"/> Patent: 4,720,828	Issued: January 19, 1988	

<input type="checkbox"/> In re application:	<input type="checkbox"/> International	Reel _____
Application No.: /	Application	Frame _____
Filed:	PCT /	
For:	/	
<input checked="" type="checkbox"/> Patent: 4,757,446	Issued: July 12, 1988	

<input type="checkbox"/> In re application:	<input type="checkbox"/> International	Reel _____
Application No.: /	Application	Frame _____
Filed:	PCT /	
For:	/	
<input checked="" type="checkbox"/> Patent: 4,935,828	Issued: June 19, 1990	

<input type="checkbox"/> In re application:	<input type="checkbox"/> International	Reel _____
Application No.: /	Application	Frame _____
Filed:	PCT /	
For:	/	
<input checked="" type="checkbox"/> Patent: 4,942,515	Issued: July 17, 1990	

<input type="checkbox"/> In re application:	<input type="checkbox"/> International	Reel _____
Application No.: /	Application	Frame _____
Filed:	PCT /	
For:	/	
<input checked="" type="checkbox"/> Patent: 5,101,478	Issued: March 31, 1992	

(add additional page for further application(s) and/or patent(s) being assigned)

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE #2)

FURTHER APPLICATION(S) AND/OR PATENTS BEING ASSIGNED

DETAILS OF PRIOR RECORDAL (IF ANY)

In re application: International Reel _____
 Application No.: / Application Frame _____
 Filed: PCT /
 For: /
 Patent: 5,151,199 *should be 1997* Issued: September 29, 1992

In re application: International Reel _____
 Application No.: / Application Frame _____
 Filed: PCT /
 For: /
 Patent: 5,214,761 Issued: May 25, 1993

In re application: International Reel _____
 Application No.: / Application Frame _____
 Filed: PCT /
 For: /
 Patent: Issued:

In re application: International Reel _____
 Application No.: / Application Frame _____
 Filed: PCT /
 For: /
 Patent: Issued:

In re application: International Reel _____
 Application No.: / Application Frame _____
 Filed: PCT /
 For: /
 Patent: Issued:

(add additional page for further application(s) and/or patent(s) being assigned)


ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is here by acknowledged, Wang Laboratories, Inc. a Delaware corporation ("Assignor"), hereby sells, assigns, transfers and conveys to United Module Corporation, a California corporation ("Assignee"), its designees, successors, assigns and legal representatives, the entire right, title and interest in and to United States Letters Patent Numbers 4,494,196, 4,720,828, 4,757,446, 4,935,828, 4,942,515, 5,101,478, 5,151,999, 5,214,761, and all divisions, continuations, and renewals thereof, and all proceeds therefor (including but not limited to, all license royalties and proceeds of infringement suits) and all United States and foreign letters patents which may be granted on the applications or any corresponding applications in a country foreign to the United States, and all reissues, extensions thereof, and in an to any and all causes of action for past, present and future infringement of any of the Letters Patents, or relating to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives, each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at Billerica, Massachusetts this
28th day of November, 1997

WANG LABORATORIES, INC.



Signature

Name: Ronald J. Paglierani

Title: Chief Intellectual Property Counsel

Practitioner's Docket No. UMCWP-98-000

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CORRECTION OF RECORDED COVER SHEET ERROR(S) (37 C.F.R. 3.34)

NOTE: See 37 CFR 3.34.

- 1. Applicant has noted an error in the cover sheet for the assignment(s) (document(s)) previously recorded on 2/24/98.
Date of recordal

Reel 9005 Frame 0117

- 2. Attached hereto is:
 - the originally recorded document.
 - a copy of the originally recorded document.

- 3. Also attached hereto is a corrected cover sheet for recordation.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

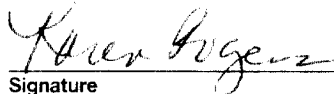
I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.



Signature

Date: 9/14/98

Karen Rogers

(type or print name of person certifying)

(Correction of Recorded Cover Sheet Error(s) [16-8]—page 1 of 2)

4. The error in the originally recorded cover sheet is apparent when that cover sheet is compared with the recorded document because:

Patent Number 5,151,199 should in fact be **5,151,999**. The serial number and filing date on the Recordal should be changed to reflect the information pertinent to U.S. Patent 5,151,999.

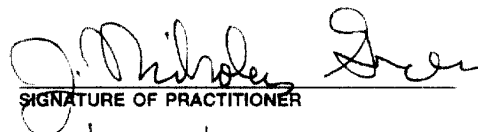
5. The recording fee is shown in the corrected cover sheet filed herewith. Payment of this recording fee is in the manner set forth in the corrected cover sheet.

NOTE: "A fee is required for each application, patent and registration against which the document is recorded as identified in the cover sheet." 37 CFR 3.41

Reg. No.: 34175

Tel. No.: (408) 342-1862

Customer No.:


SIGNATURE OF PRACTITIONER

Law +
(type or print name of practitioner)

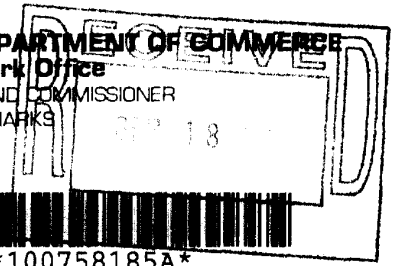
993 Highlands Circle
P.O. Address

Los Altos, CA 94024

(Correction of Recorded Cover Sheet Error(s) [16-8]—page 2 of 2)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



AUGUST 21, 1998

PTAS

PETER COURTURE
993 HIGHLAND CIRCLE
LOS ALTOS, CA 94024

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF DISPOSITION OF DATABASE DISCREPANCY

YOUR REQUEST TO CORRECT THE PATENT AND TRADEMARK ASSIGNMENT DATABASE SYSTEM HAS BEEN REVIEWED BY A PARALEGAL SPECIALIST OF THE ASSIGNMENT DIVISION. REVIEW OF THE MICROFILM RECORD LOCATED IN THE ASSIGNMENT SEARCH ROOM INDICATES THAT THE DATABASE REFLECTS THE DATA AS ORIGINALLY PRESENTED FOR RECORDATION. THEREFORE, TO CORRECT A PREVIOUSLY RECORDED DOCUMENT, A CORRECTIVE DOCUMENT MUST BE SUBMITTED AS OUTLINED IN 37 CFR 3.34.

SUBMIT CORRECTIVE DOCUMENT TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D. C. 20231.

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

REFERENCE: REEL/FRAME: 9005/0117

SEDLEY PYNE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS