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12-03-1998

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Patents and Tradem

100911354

original documents or copy thereof

1. Name of conveying party(ies):

ALEXANDER KHAIRKHAHAN,
MICHAEL J. HORZEWSKI, STUART D. HARMAN,
RICHARD L. MUELLER, AND
DOUGLAS R. MURPHY-CHUTORIAN

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 10/23/98, 11/10/98 and 11/13/98

2. Name and address of receiving party(ies):

Name: ECLIPSE SURGICAL TECHNOLOGIES, INC.

Internal Address: Legal Dept.

Street Address: 559 Weddell Drive

City: Sunnyvale State: CA ZIP: 94089

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/156,964

B. Patent No.(s)

12/03/1998 SBURNS 00000054 050419 09156964

1 FC:581 40.00 CH

Additional numbers attached? ☐ Yes ☐ No

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

Name: Eclipse Surgical Technologies, Inc.

Internal Address: Ilene Lapidus Janofsky, Legal Dept.

Street Address: 559 Weddell Drive

City: Sunnyvale State: CA ZIP: 94089

6. Total number of applications and patents involved:

One

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

- ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:

05-0419

DO NOT USE THIS SPACE

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.

Ilene Lapidus Janofsky

Name of Person Signing

Signature

Date

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

9

PATENT

REEL: 9609 FRAME: 0319

ASSIGNMENT

WHEREAS, WE, ALEXANDER KHAIRKHAHAN, a United States of America citizen, residing at 1105 Lincoln Avenue, Palo Alto, California 94301, MICHAEL J. HORZEWSKI, a United States Citizen residing at 6032 Running Springs Road, San Jose, California 95135, STUART D. HARMAN, a United States of America citizen, residing at 4321 Beechmont Avenue, San Jose, California 95136, RICHARD L. MUELLER, A United States of America citizen residing at 2305 Cypress Point, Byron, California 94514. and DOUGLAS R. MURPHY-CHUTORIAN, a United States of America citizen residing at 151 Lowell Avenue, Palo Alto, California 94301, have invented a certain new and useful invention entitled DRUG DELIVERY CATHETER WITH TIP ALIGNMENT for which we have made an application for a Patent filed 9/18/98; and,

WHEREAS, ECLIPSE SURGICAL TECHNOLOGIES, INC., a California corporation located at 559 Weddell Drive, Sunnyvale, California 94089, is desirous of obtaining the entire right, title and interest in, to and under the said application.

NOW THEREFORE, in consideration of a good and valuable consideration, the receipt of which is hereby acknowledged, We, ALEXANDER KHAIRKHAHAN, MICHAEL J. HORZEWSKI, STUART D. HARMAN, RICHARD L. MUELLER, and DOUGLAS R. MURPHY-CHUTORIAN have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said ECLIPSE SURGICAL TECHNOLOGIES, INC., its successors, legal representatives and assigns our entire right, title and interest in, to and under the said invention and the said application for Letters Patent, a copy

of which as filed in the United States Patent Office is contained in File No. MH2 in the Office of Janet Kaiser Castaneda, Esq. or Ilene Lapidus Janofsky, Esq. at Eclipse Surgical Technologies, Inc., 559 Weddell Drive, Sunnyvale, CA 94089 and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all applications for Letters Patent which may be granted for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States, and to all extensions, renewals and reissues and reexamination certificates thereof, and the right to claim priority under the

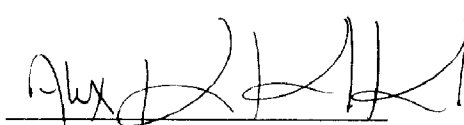
International Convention for the Protection of Industrial Property, and all rights under the Patent Cooperation Treaty; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue, all Letters Patent for said invention to the said ECLIPSE SURGICAL TECHNOLOGIES, INC., its successors, legal representatives and assigns, in accordance with this instrument.

AND WE hereby covenant that we have the full right to convey our entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict therewith.

AND WE hereby further covenant and agree that we will communicate to the said ECLIPSE SURGICAL TECHNOLOGIES, INC., its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything

possible to aid the said ECLIPSE SURGICAL TECHNOLOGIES, INC., its successors, legal representatives and assigns, at the expense of Eclipse Surgical Technologies, Inc., to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we have here unto set our hand and seal.



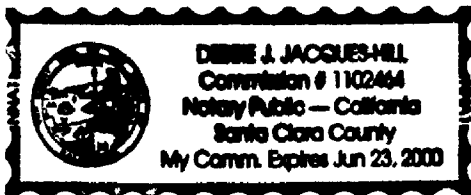
Alexander Khairkhahan

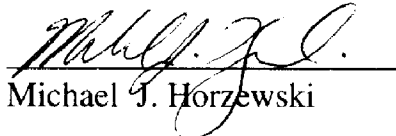
Date: 10/23/98

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara)

On this 23 day of Oct, 1998 before me Debbie J. Jacques-Hill a Notary Public, personally
Alexander
appeared Khairkhahan personally known to me or proved to me on the basis of satisfactory evidence to be the
person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument, and acknowledged that he/~~she~~/~~they~~
executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the
instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

Witness my hand and official seal.


Notary Public

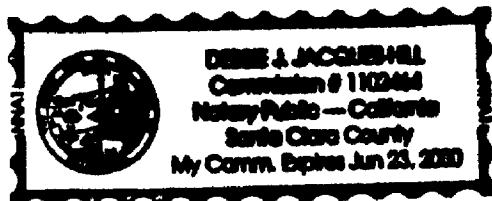

Michael J. Horzewski

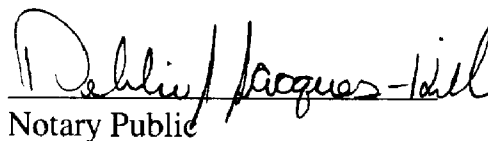
Date: 10/23/98

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara)

On this 23 day of OCT. 1998 before me Debbie J. Jacques-Hill a Notary Public, personally
Michael J.
appeared Horzewski, personally known to me or proved to me on the basis of satisfactory evidence to be the
person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument, and acknowledged that he/~~she~~/~~they~~
executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the
instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

Witness my hand and official seal.




Notary Public

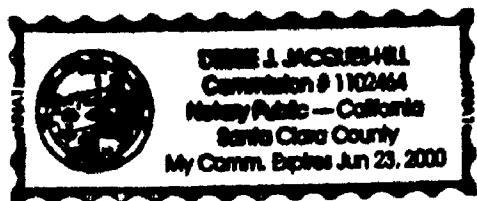
Stuart D. Harman
Stuart D. Harman

Date: 10-23-98

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara)

On this 23 day of Oct, 1998 before me Debbie J. Jacques-Hill a Notary Public, personally appeared Stuart Harman, personally known to me or proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument, and acknowledged that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, and that by his/~~her/their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

Witness my hand and official seal.



Debbie J. Jacques-Hill
Notary Public

Richard L. Mueller

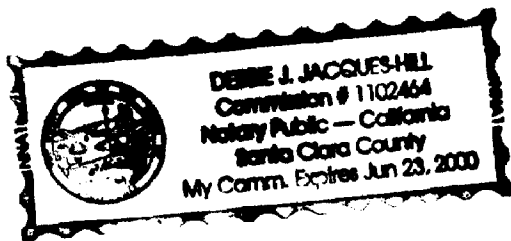
Richard L. Mueller

Date: 11/13/98

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara)

On this 13 day of Nov, 1998 before me Delbie J. Jacques-Hill a Notary Public, personally appeared R. Mueller, personally known to me or proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument, and acknowledged that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity~~(ies)~~, and that by his/~~her~~/~~their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

Witness my hand and official seal.



Delbie J. Jacques-Hill
Notary Public



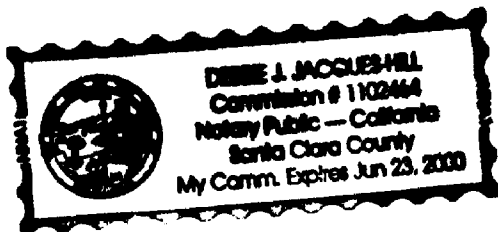
Douglas R. Murphy-Chutorian

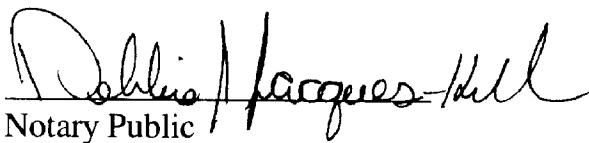
Date: 11-10-98

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara)

On this 10 day of Nov, 1998 before me Debbie J Jacques-Hill a Notary Public, personally appeared ^{D Murphy} Chutorian, personally known to me or proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument, and acknowledged that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity~~(ies)~~, and that by his/~~her~~/~~their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

Witness my hand and official seal.




Notary Public

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)Applicant(s): **KHAIRKHAHAN ET AL.**

Docket No.

MH2

Serial No.

09/156,964

Filing Date

9/18/98

Examiner

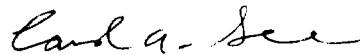
UNASSIGNED

Group Art Unit

3734Invention: **DRUG DELIVERY CATHETER WITH TIP ALIGNMENT**I hereby certify that this **PAPER OR FEE***(Identify type of correspondence)*

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Assistant Commissioner for Patents, Washington, D.C. 20231 on

November 20, 1998*(Date)***Carol A. See***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.**

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
MH2

In Re Application Of: **KHAIRKHAHAN ET AL.**

Serial No.
09/156,964

Filing Date
9/18/98

Examiner
UNASSIGNED

Group Art Unit
3734

Title: **DRUG DELIVERY CATHETER WITH TIP ALIGNMENT**

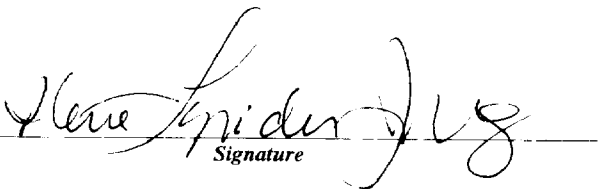
TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

- 1) **RECORDATION FORM COVER SHEET (1 page);**
- 2) **ASSIGNMENT AGREEMENT WITH ATTACHMENTS (8 pages), and**
- 3) **ACKNOWLEDGEMENT POSTCARD FOR RECEIPT OF MATERIALS.**

in the above identified application.

- ☐ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **05-0419** as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of **\$40.00**
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.


Signature

Dated: **November 20, 1998**

Ilene Lapidus Janofsky, Attorney for Applicant
Registration No. 30,950

I certify that this document and fee is being deposited
November 20, 1998 with the U.S. Postal Service as
first class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.


Signature of Person Mailing Correspondence

Carol A. See

Typed or Printed Name of Person Mailing Correspondence

CC:

**TRANSMITTAL LETTER
(General - Patent Pending)**

Docket No.
MH2

In Re Application Of: **KHAIRKHAHAN ET AL.**

Serial No.
09/156,964

Filing Date
9/18/98

Examiner
UNASSIGNED

Group Art Unit
3734

Title: **DRUG DELIVERY CATHETER WITH TIP ALIGNMENT**

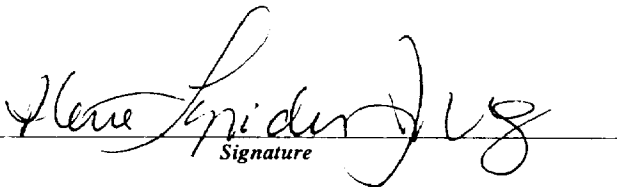
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Signature

Ilene Lapidus Janofsky, Attorney for Applicant
Registration No. 30,950

Dated: **November 20, 1998**

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~~on~~ November 20, 1998 with the U.S. Postal Service as
first class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.


Signature of Person Mailing Correspondence

Carol A. See

Typed or Printed Name of Person Mailing Correspondence

CC: