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7-9-02

A Professional Corporation

July 3, 2002

PATENT, TRADEMARK
& COPYRIGHT ATTORNEYS

Peter E. Heuser[■]
David P. Cooper
Pierre C. Van Rysselberghe[†]
Walter W. Karnstein
Charles H. DeVoe
David S. D'Ascenzo
James R. Abney, Ph.D.^{*}
Owen W. Dukelow[▲]
Mark D. Alleman[†]
M. Matthews Hall, Ph.D.
Christopher S. Tuttle
B. Anna McCoy
David E. Hall
Ellen M. Gonzales[†]
Paul W. Churilla
Jason C. Creasman
Thomas A. Dougherty

Assistant Commissioner for Patents
Box ASSIGNMENT
Washington, D.C. 20231

Sir:

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS ONLY

Enclosed for recordation in the records of the U.S. Patent and
Trademark Office is a copy of a document with particulars as follows:

Patent Agents:
Anton E. Skaugset, Ph.D.
Stan M. Hollenberg, Ph.D.

Technical Consultant:
David M. Sheehan, Ph.D.

Of Counsel:
J. Pierre Kolisch
Jon M. Dickinson
John M. McCormack^{*}
M. H. Hartwell 1927-2000

^{*} CA Bar Only
[†] OR & CA Bars
[■] OR, CA & ID Bars
[▲] OR, CA & WA Bars

OREGON ☒
200 Pacific Building
520 S.W. Yamhill St.
Portland, OR 97204
Telephone: 503/224-6655
Facsimile: 503/295-6679

CALIFORNIA □
260 Sheridan Ave., Ste. 200
Palo Alto, CA 94306-2009
Telephone: 650/325-8673
Facsimile: 650/325-5076

IDAHO □
101 S. Capitol Blvd., Ste. 500
Boise, ID 83702
Telephone: 208/384-9166
Facsimile: 208/384-9169

info@khdmh.com
www.khdmh.com

(1) Name of assignors:

Zhenjun Diwu
Jesse J. Twu
Guoliang Yi
Luke D. Lavis
Yen-Wen Chen

(2) Name and address of assignee:

Molecular Devices Corporation
1311 Orleans Drive
Sunnyvale, California 94089

(3) The nature of the conveyance is an assignment, which was
executed on March 18, 2002, March 20, 2002, and March 22, 2002.

(4) This document is being filed in connection with U.S. Patent
Application Serial No. 10/108,656, filed March 27, 2002.

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FINANCE SECTION

(5) Any and all correspondence concerning this document should be addressed and mailed to the following:

James R. Abney, Esq.
Kolisch, Hartwell, Dickinson, McCormack & Heuser
200 Pacific Building
520 S.W. Yamhill Street
Portland, Oregon 97204

(6) The total number of patent applications involved in this conveyance is one.

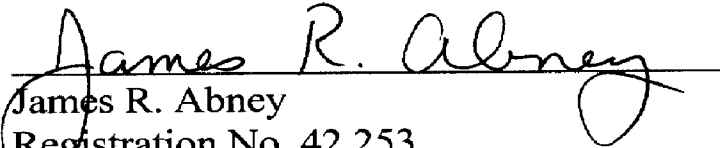
(7) Our check in the amount of \$40.00 to cover the assignment recordation fee is enclosed, in accordance with 37 C.F.R. § 3.41.

(8) Please charge our Deposit Account No. 11-1540 for any additional fees that may be required.

(9) 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.

Respectfully submitted,

KOLISCH, HARTWELL, DICKINSON,
McCORMACK & HEUSER



James R. Abney
Registration No. 42,253
Customer No. 23581
520 S.W. Yamhill Street, Suite 200
Portland, Oregon 97204
Telephone: (503) 224-6655
Facsimile: (503) 295-6679
Attorney for Applicants/Assignee

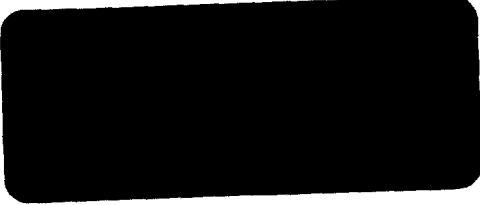


TOTAL NUMBER OF PAGES
INCLUDING COVER SHEET,
ATTACHMENTS AND DOCUMENT: 7

Our File - IJL 369
PATENT

REEL: 013063 FRAME: 0568

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& HEUSER**



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Our File – LJL 369

March 27, 2002

Peter E. Heuser*
David P. Cooper
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Sir:

Enclosed for recordation in the records of the U.S. Patent and
Trademark Office is a copy of a document with particulars as follows:

(1) Name of conveying parties:

4-8-02

Zhenjun Diwu
Jesse J. Twu
Guoliang Yi
Luke D. Lavis
Yen-Wen Chen

(2) Name and address of receiving party:

Molecular Devices Corporation
1311 Orleans Drive
Sunnyvale, California 94089

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(4) This document is being filed with a new patent application, for
which the execution date of the application is March 27, 2002.

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101 S. Capitol Blvd., Ste. 500
Boise, ID 83702
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Facsimile: 208/384-9169

04/18/2002 191821 00000009 J.R.ABNEY

01 FC:301
info@khdmh.com
www.khdmh.com

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PATENT
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(5) Any and all correspondence concerning this document should be addressed and mailed to the following:

James R. Abney
Kolisch, Hartwell, Dickinson,
McCormack & Heuser
520 S.W. Yamhill Street, Suite 200
Portland, Oregon 97204

(6) The total number of patent applications involved in this conveyance is one (1).

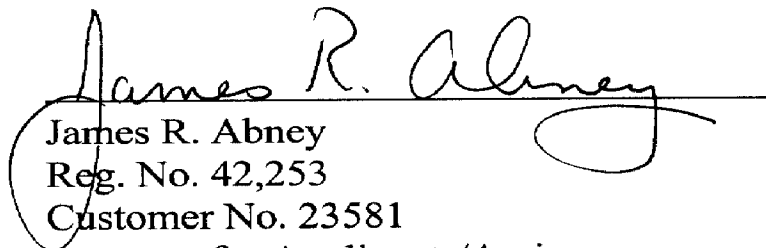
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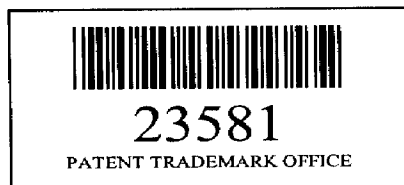
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Respectfully submitted,

KOLISCH, HARTWELL, DICKINSON,
McCORMACK & HEUSER



James R. Abney
Reg. No. 42,253
Customer No. 23581
Attorney for Applicants/Assignee
520 S.W. Yamhill Street, Suite 200
Portland, Oregon 97204
Telephone: (503) 224-6655
Facsimile: (503) 295-6679



TOTAL NUMBER OF PAGES (ASSIGNMENT AND COVER SHEET): 7

PATENT
REEL: 013063 FRAME: 0570

ASSIGNMENT

WHEREAS, we, Zhenjun Diwu of Los Altos, county of Santa Clara, state of California, Jesse J. Twu of Cupertino, county of Santa Clara, state of California, Guoliang Yi of Sunnyvale, county of Santa Clara, state of California, Luke D. Lavis of Sunnyvale, county of Santa Clara, state of California, Yen-Wen Chen of San Francisco, county of San Francisco, state of California, and Kelly J. Cassutt of Somerset, county of Somerset, state of New Jersey, have invented certain improvements in a FLUORESCENT pH INDICATORS FOR INTRACELLULAR ASSAYS, for which we are executing a U.S. patent application on the date hereinafter set forth; and

WHEREAS, Molecular Devices Corporation, a Delaware corporation, having its principal place of business in Sunnyvale, county of Santa Clara, and state of California, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, we, Zhenjun Diwu, Jesses J. Twu, Guoliang Yi, Luke D. Lavis, Yen-Wen Chen, and Kelly J. Cassutt, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto Molecular Devices Corporation, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions, in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.


We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Molecular Devices Corporation, as the assignee of our entire right, title, and interest in and to the same, for the sole use of Molecular Devices Corporation, and its successors and assigns.

Further, we hereby covenant and agree to and with Molecular Devices Corporation, and its successors and assigns, at the time of execution and delivery of these presents, that we are the sole and lawful owner of the entire right, title, and interest in and to the invention and the above-identified provisional patent application, and that the same are unencumbered, and that we have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, we agree that we will communicate to Molecular Devices Corporation, or its representatives, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Molecular Devices Corporation, make all rightful oaths, and generally do everything possible to aid Molecular Devices Corporation, and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day of March

2002.


ZHENJIN DIWU

Witness: Jan Hummel

Signature: ~~Jan Hummel~~

Name: Jan Hummel

Address: 914 Mountain View Ave, # 10

City & State: Mountain View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20th day of March

2002.

Jesse J. Twu
JESSE J. TWU

Witness:

Signature: Jan Hummel

Name: ~~J~~ Jan Hummel

Address: 914 Mountain View Ave., #10

City & State: Mountain View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of March,

2002.

Guoliang Yi
GUOLIANG YI

Witness:

Signature: Jan Hummel

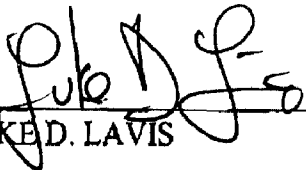
Name: Jan Hummel

Address: 914 Mountain View Ave., #10

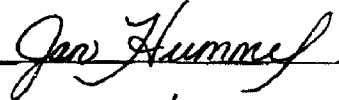
City & State: Mountain View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of MARCH,

2002.


LUKE D. LAVIS

Witness:

Signature: 

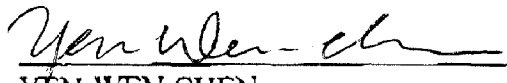
Name: Jan Hummel

Address: 914 Mountain View Ave., #10

City & State: Mountain View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day of March,

2002.


YEN-WEN CHEN

Witness:

Signature: 

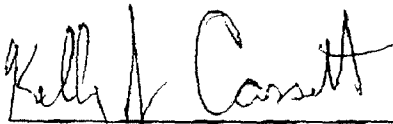
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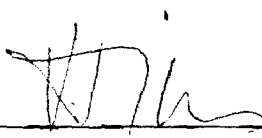
City & State: Mountain View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of March.

2002.


KELLY J. CASSUTT

Witness:

Signature: 

Name: VERONIQUE T. MERRIAM

Address: 200 Centennial Ave.

City & State: Piscataway, NJ 08854