

11-23-98

RECORDATION FORM COVER SHEET

PATENT(S)

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

12-03-1998



100911301

Please record the attached original documents



1. Name of conveying party(ies):

Zonh-Zen Ho  
Tomasz P. Jansson  
Robert A. Lieberman  
Gajendra D. Savant  
Allan Wang

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

Physical Optics Corporation  
20600 Gramercy Place, Building 100  
Torrance, California 90501

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: September 8, 1998

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) 09/138,240

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Nilles & Nilles, S.C.  
Firstar Center  
777 East Wisconsin Avenue, Suite 2000  
Milwaukee, Wisconsin 53202-5345

6. Total number of applications and patents involved: \_\_\_\_\_

1

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

Enclosed  Authorized to be charged to deposit account

8. Deposit account number: 14-1080

(Attach duplicate copy of this page if paying by deposit account)

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11/30/1998 ABELLMW 00000006 09138240

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40.00 OP

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.*

Andrew J. Nilles

Name of Person Signing

Signature

November 17, 1998

Date

Total number of pages including cover sheet, attachments, and document: 4

CLIENT PROC 100-112 REC

ASSIGNMENT

WHEREAS, we, Zonh-Zen Ho, Tomasz P. Jannson, Robert A. Lieberman, Gajendra D. Savant, and Allan Wang have made a certain new and useful invention for which we are about to make application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Serial No. 09/138,240, filed August 21, 1998 and, entitled:

APPARATUS FOR ANALYZING BIOLOGICAL SAMPLES

9/8/98, 9/14/98,  
(Executed: 9/15/98)

WHEREAS, Physical Optics Corporation, a corporation organized and existing under and by virtue of the laws of California and having its principal place of business in Torrance, California, is desirous of acquiring the entire interest in and to said invention, said application and the Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar and other good and valuable consideration to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said Physical Optics Corporation and said assignee's legal representative, successors and assigns, the entire right, title and interest in and to any and all applications including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents; and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

WE HEREBY AUTHORIZE the above-mentioned assignee to insert in this instrument the filing date, execution date and serial number of our said application.

UPON SAID CONSIDERATION, we do hereby covenant for ourselves and our heirs, legal representatives and assigns that neither we nor any of our said heirs, legal representatives or assigns have or will execute any instrument or perform any act in conflict herewith and that we or our said heirs, legal representatives and assigns will at all times do such acts and execute such papers, without expense to ourselves, as may be necessary or desirable in order to fully protect said inventions and discoveries for the benefit of said assignee, its successors or assigns, and to otherwise carry into full force and effect the text and interest of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals this 8 day of the month of September, 1998.

Zonh-Zen Ho (SEAL)

Robert A. Lieberman (SEAL)

Tomasz P. Jannson (SEAL)

Gajendra D. Savant (SEAL)

State of California )  
)ss.  
County of Los Angeles )

Allan Wang (SEAL)

On this See day of 1998, before me, a notary public in and for said county, appeared Zonh-Zen Ho, Tomasz P. Jannson, Robert A. Lieberman, Gajendra D. Savant, and Allan Wang, who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, and they acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

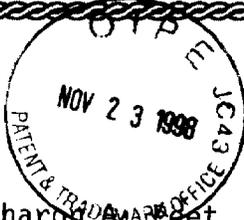
Notary Public (SEAL)  
My Commission Expires:

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No 590

State of California,

County of Los Angeles,

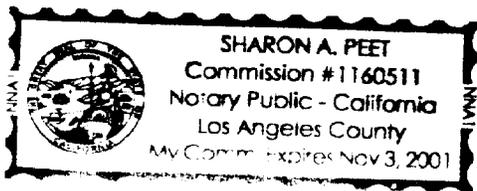


On September 9, 1998 before me, Sharon A. Peet, Notary Public

personally appeared Tomasz P. Jansson and Gajendra D. Savant

personally known to me - OR - proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me 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.

Sharon A. Peet
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- INDIVIDUAL
CORPORATE OFFICER

- PARTNER(S) LIMITED GENERAL
ATTORNEY-IN-FACT
TRUSTEE(S)
GUARDIAN/CONSERVATOR
OTHER:

DESCRIPTION OF ATTACHED DOCUMENT

ASSIGNMENT to U.S. Patent Application entitled, "Apparatus for Analyzing Biological Samples"

TITLE OR TYPE OF DOCUMENT

One (1)

NUMBER OF PAGES

September 9, 1998

DATE OF DOCUMENT

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

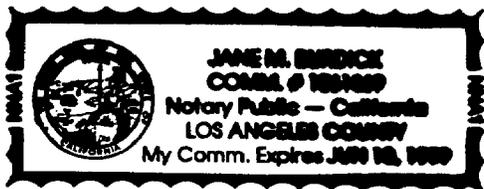
Allan Wang, Zonh-Zen Ho, and Robert A. Lieberman
SIGNER(S) OTHER THAN NAMED ABOVE

State of Los Angeles,  
County of California,

On September 15, 1998 before me, Jane M. Burdick, Notary Public -----  
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Allan Wang, Zonh-Zen Ho and Robert A. Lieberman -----  
NAME(S) OF SIGNER(S)

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 ac-  
knowledged to me 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.

Jane M. Burdick  
SIGNATURE OF NOTARY

**OPTIONAL**

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

**CAPACITY CLAIMED BY SIGNER**

- INDIVIDUAL
- CORPORATE OFFICER

TITLE(S)

- PARTNER(S)       LIMITED
- ATTORNEY-IN-FACT       GENERAL
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: \_\_\_\_\_

**DESCRIPTION OF ATTACHED DOCUMENT**

ASSIGNMENT to U.S. Patent Application  
entitled, "Apparatus for Analyzing  
Biological Samples" -----

TITLE OR TYPE OF DOCUMENT

One (1)

NUMBER OF PAGES

None

DATE OF DOCUMENT

**SIGNER IS REPRESENTING:**  
NAME OF PERSON(S) OR ENTITY(IES)

Tomasz P. Jansson and Gajendra D. Savat

SIGNER(S) OTHER THAN NAMED ABOVE