



08-08-2001  
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RE 8.2.01

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

09739588

☒ deposited with the United States Postal Service in an envelope addressed to the Assistant 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.

Signature

Clifford J. Mass

(type or print name of person certifying)

Date: April 30, 2001

**\*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.

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

PATENT  
REEL: 012040 FRAME: 0489

**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 or issued patent:

NOTE: Do NOT enter both application AND patent number.

National application: SN: 09/739,588 filed on December 18, 2000

Provisional application: filed on

International application: PCT

Patent No: Issued:

(complete if applicable) which was previously assigned and recorded

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 \_\_\_\_\_

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 1

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

1 x \$40.00 = \$ 40.00  
Total number of applications  
and/or patents

C. Payment of fee is made by:

☒ the attached check for \$ 40.00.

☐ Please charge Account \_\_\_\_\_  
the sum of \$ \_\_\_\_\_.

A duplicate of this cover sheet is attached.

Please charge Account 12-0425 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); M.P.E.P. § 302.07, 6th ed.

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

Name 1: Jack **CHEN**

Name 2: John **LIN**

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: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

Address: NO. 195, SEC. 4, CHUNG-HSING ROAD,  
CHUTUNG HSINCHU, TAIWAN, R.O.C.

**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**

(Assignment (Document) Cover Sheet—page 3 of 6) 16-6

6. Please address correspondence to:

Name: Clifford J. Mass  
Address: c/o Ladas & Parry  
26 West 61<sup>st</sup> Street  
New York, New York 10023  
Telephone No.: (212) 708-1890

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

7. A. ☒ The attached assignment (document) was executed on December 18, 2000.  
Date

**OR** *If there is more than one conveying party who executed on different dates, indicate the date of execution of the assignment document for each conveying party.*

B. ☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_  
Date

☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_  
Date

☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_  
Date

☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_  
Date

☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_  
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.

## 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.

*NOTE: "Attach Change of Address 16-6."*

## 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.

*NOTE: "Attach Change of Name."*

## 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.

### 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; M.P.E.P. § 302.07 6th ed.*

Date: April 30, 2001

\_\_\_\_\_  
Name of party submitting document

\_\_\_\_\_  
Signature of party submitting document

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

\_\_\_\_\_  
SIGNATURE OF PRACTITIONER

Clifford J. Mass

(type or print name of practitioner)

c/o Ladas & Parry

26 West 61<sup>st</sup> Street

P.O. Address

New York, N.Y. 10023

Reg. No.: 30,086

Tel. No.: (212) 708-1890

Customer No.:

### TOTAL NUMBER OF PAGES BEING SUBMITTED

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

7  
Total number of pages submitted

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



For Inventions made outside USA  
executed with application  
Atty. Dkt. \_\_\_\_\_ /  
M# \_\_\_\_\_ / Client Ref. \_\_\_\_\_

USA Patent Appln.  
Sole or Joint

ASSIGNMENT

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

Insert Name(s)  
of inventors

- (1) JACK CHEN (4) \_\_\_\_\_  
(2) JOHN LIN (5) \_\_\_\_\_  
(3) \_\_\_\_\_ [ ] x box if continued on page 2

Insert Name(s)  
of Assignee(s)  
and Address(es)

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE  
NO. 195, SEC. 4, CHUNG-HSING ROAD,  
CHUTUNG, HSINCHU, TAIWAN, R.O.C.

Title of  
Invention

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as  
BLACKBODY FURNACE

NOTE->->->  
(Complete line  
A, B and/or C)

- (A) for which the undersigned executed an application for Letters Patent of the United States of America [X] even date herewith  
(B) [ ] on \_\_\_\_\_  
(C) in U.S. Appln No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

INVENTOR(S)

DATE SIGNED

WITNESS(ES)

- 1) Jack Chen  
Name: JACK CHEN  
2) John Lin  
Name: JOHN LIN  
3) \_\_\_\_\_  
Name: \_\_\_\_\_  
4) \_\_\_\_\_  
Name: \_\_\_\_\_  
5) \_\_\_\_\_  
Name: \_\_\_\_\_

Dec. 18, 2000  
Dec. 18, 2000

IF ADDITIONAL INVENTORS, check box [ ] and continue on page 2