

01-02-2002



B/O FORM PTO-1595 (Rev. 4/00)

U.S. Department of Commerce Patent and Trademark Office

101930069
PATENTS ONLY

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

Chi-Lone CHANG
Hsi-Fu SHIH
Yuan-Chin LEE
Chau-Yuan KE
Dai-Tin HUANG
Jau-Jiu JU

MRD
12/20/01

2. Name and Address of Receiving Party(ies):

Name: Industrial Technology Research

Street Address: No. 195, Section 4
Chung-Hsiang Road
Chu-Tung Chen

10760 U.S. PTO
10/022446
12/26/01

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: 11/30/01;12/3/01;12/6/01

City, State, Zip: Hsin-Chu Hsien, Taiwan, R.O.C.

Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

10022446

4. (B) Patent Number(s):

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

11/30/01;
12/3/01;
12/6/01

Additional Numbers Attached.

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: Eugene Mar



23364

PATENT TRADEMARK OFFICE

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

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: 02-0200

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Eugene Mar

Name of Person Signing

Signature

December 20, 2001

Date

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

12/26/2001 MWOLDER1 00000022 10022446

02 FC:581

40.00 OP

PATENT
REEL: 012399 FRAME: 0917

58-900015

ASSIGNMENT

WHEREAS, I (we), **Chi-Lone CHANG et al**
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful
improvements in **"PLANAR INTEGRATED MICRO-OPTICAL PICKUP HEAD"**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on:
- filed on: Serial No.:
- established by PCT International Patent Application No.: filed:
designating the United States of America

WHEREAS, **Industrial Technology Research**
whose post office address is **No.195, Sec.4, Chung-Hsing Rd., Chu-Tung Chen, Hsin-Chu Hsien, Taiwan**
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United R.O.C.
States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by
these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and
application throughout the United States of America, including any and all Letters Patent granted on any division, continuation,
continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing,
prosecution and maintenance of said application or any other patent application(s) in the United states for said INVENTION,
including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without
further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and
communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within
ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be
required of ASSIGNOR in respect of the prosecution, inaintenance and defense of any patent application or patent encompassed
within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors,
administrators and other legal representatives.

Also, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters
Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S
sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for
which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this
assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas* to insert or complete any information in this document
needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor name	Chi-Lone CHANG	Address	No.14, Alley 8, Lane 520, Hsueh-Fu Rd., Eh-Chung Li, Chu-Tung Chen, Hsin-Chu Hsien, Taiwan, R.O.C.
Where Signed	Hsin-Chu, Taiwan, R.O.C.		
Date	Nov 30, 2001	Signature	Chang, Chi-Lone 2001 11/30
(Notarization preferred but not required)			
ss.			
Before me personally appeared said _____ and acknowledged			
This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.			
_____ Notary Public			
My Commission Expires: _____			

Continued on Next Page

ASSIGNMENT

Page 2

<i>Assignor name</i> Hsi-Fu SHIH	<i>Address</i> No.37, Hou-Che Alley, Chung-Ao Li, Lu-Kang Chen, Chang-Hua Hsien, Taiwan, R.O.C.
<i>Where Signed</i> Hsin-Chu, Taiwan, R.O.C.	
<i>Date</i> Nov 30, 2001	<i>Signature</i> <i>Hsi-Fu 2001/11/30</i>
(Notarization preferred but not required)	
_____ ss.	
Before me personally appeared said _____ and acknowledged This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.	
_____ Notary Public	
My Commission Expires: _____	

<i>Assignor name</i> Yuan-Chin LEE	<i>Address</i> 4F, No.89, Alley 10, Lane 81, Kuang-Hua 2nd St., Hsin-Chu City, Taiwan, R.O.C.
<i>Where Signed</i> Hsin-Chu, Taiwan, R.O.C.	
<i>Date</i> Dec 03, 2001	<i>Signature</i> <i>Lee, Yuan-Chin 2001/12/03</i>
(Notarization preferred but not required)	
_____ ss.	
Before me personally appeared said _____ and acknowledged This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.	
_____ Notary Public	
My Commission Expires: _____	

<i>Assignor name</i> Chau-Yuan KE	<i>Address</i> No.11, Shih-Chang Alley, Hsien-Chi Tsun, Hsin-Yuan Hsiang, Ping-Tung Hsien, Taiwan, R.O.C.
<i>Where Signed</i> Hsin-Chu, Taiwan, R.O.C.	
<i>Date</i> Dec 03, 2001	<i>Signature</i> <i>Ke, Chau-Yuan 2001/12/03</i>
(Notarization preferred but not required)	
_____ ss.	
Before me personally appeared said _____ and acknowledged This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.	
_____ Notary Public	
My Commission Expires: _____	

Continued on Next Page

ASSIGNMENT

Page 3

<i>Assignor name</i> Dai-Tin HUANG	<i>Address</i> Room E, 5F, No. 81-3, Bo-Ai St., Hsin-Chu City, Taiwan, R.O.C.
<i>Where Signed</i> Hsin-Chu, Taiwan, R.O.C.	
<i>Date</i> Dec 03, 2001	<i>Signature</i> Huang, Dai-Tin 2001/12/03
(Notarization preferred but not required)	
_____ ss.	
Before me personally appeared said _____ and acknowledged This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.	
_____ Notary Public	
My Commission Expires: _____	

<i>Assignor name</i> Jau-Jiu JU	<i>Address</i> No. 126, Sec.2, Chung-Hsing Rd., Chu-Tun Chen, Hsin-Chu Hsien, Taiwan, R.O.C.
<i>Where Signed</i> Hsin-Chu, Taiwan, R.O.C.	
<i>Date</i> Dec 06, 2001	<i>Signature</i> Jau, Jiu-Jiu 2001/12/06
(Notarization preferred but not required)	
_____ ss.	
Before me personally appeared said _____ and acknowledged This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.	
_____ Notary Public	
My Commission Expires: _____	

<i>Assignor name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
(Notarization preferred but not required)	
_____ ss.	
Before me personally appeared said _____ and acknowledged This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.	
_____ Notary Public	
My Commission Expires: _____	

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RECORDED: 12/20/2001

PATENT
REEL: 012399 FRAME: 0920