

05-14-2001



101716103

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

U.S. Department of Commerce  
Patent and Trademark OfficeRECORDATION FORM COVER SHEET  
PATENTS ONLYTo the **Commissioner for Patents**. Please record the attached original documents or copies thereof.

## 1. Name of Conveying Party(ies):

Bor-Shenn JENG  
Chun-Yo HSU  
Hong-Kai YEN  
Po-Wen LU  
Hung-Yu YANG  
Chun-Jen CHOU  
Yn-Tarnng JONG  
Sung-Chu LAI

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

Name: **CHUNGHWA TELECOM., CO., LTD.**

Internal Address:

Street Address: No. 12, Lane 551, Min-Tsu Rd.  
Section 5, Yang-Mei Jen

City, State, Zip: Taoyuan Hsien, Taiwan, R.O.C.

## 3. Nature of Conveyance:

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

Execution Date: April 16, 19 &amp; 20, 2001

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

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

Entitled: "Structure Of An Infrared Communication Unit  
Device At The Top of Lane"

Atty Ref: 6768

## 4. (B) Patent Number(s):

If this document is being filed together with a new  
application, the execution date of the application is: March 6, 2001

☐ Additional Numbers Attached

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

Name: Eugene Mar

Address: **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

DO NOT USE THIS SPACE

## 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.**

Richard E. Fichter

Name of Person Signing

Signature

May 4, 2001

Date

Total number of pages including cover sheet, attachments and document: 5

05/07/2001 TGEDAMU1 00000020 09848354

02 FC:581

40.00 00

**PATENT**  
**REEL: 011780 FRAME: 0394**

# ASSIGNMENT

Hung-Yu YANG; Jen-Chun CHOU; Yn-Tarng JONG; Sung-Chu LAI  
 WHEREAS, I (we), Bor-Shenn JENG; Chun-Yo HSU; Kai-Mong YEN; Po-Wen Lu

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in

(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.:  
 designating the United States of America

filed:

WHEREAS, CHUNGHWA TELECOM.CO. LTD.

Taiwan, R.O.C.

whose post office address is No. 12, Lane 551, Min-Tsu Rd., Sec. 5, Yang-Mei Jen, Taoyuan Hsien,  
 hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United 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, maintenance 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 Bor-Shenn JENG	Address No. 12, Lane 551, Min-Tsu Rd., Sec. 5, Yang-Mei Jen, Taoyuan Hsien, Taiwan, R.O.C.
Where Signed	
Date Apr 19, 2001	Signature Bor Shenn Jeng
Witness (optional)	Witness (optional)
Print/Type Name Bor-Shenn JENG	Print/Type Name
Signature	Signature

☐ Continued on Next Page

Assignor Name <b>Chun-Yo HSU</b>	Address No.12,Lane551,Min-Tsu Rd.,Sec.5, Yang-Mei Jen,Taoyuan Hsien, Taiwan,R.O.C.
Where Signed	
Date Mar. 20, 2001	Signature Hsu Chun-yo
Witness (optional)	Witness (optional)
Print/Type Name <b>Chun-Yo HSU</b>	Print/Type Name
Signature	Signature
Assignor Name <b>Hong-Kai YEN</b>	Address No.12,Lane551,Min-Tsu Rd., Sec.5,Yang-Mei Jen,Taoyuan Hsien Taiwan,R.O.C.
Where Signed	
Date Mar. 16, 2001	Signature Yen, Hong-Kai
Witness (optional)	Witness (optional)
Print/Type Name <b>Hong-Kai YEN</b>	Print/Type Name
Signature	Signature
Assignor Name <b>Po-Wen LU</b>	Address No.12,Lane551,Min-Tsu Rd., Sec.5,Yang-Mei Jen,Taoyuan Hsien,Taiwan,R.O.C.
Where Signed	
Date Mar. 19, 2001	Signature Lu, Po-wen
Witness (optional)	Witness (optional)
Print/Type Name <b>Po-Wen LU</b>	Print/Type Name
Signature	Signature

☐ Continued on Next Page

Assignor Name <b>Hung-Yu YANG</b>	Address No.12, Lane551, Min-Tsu Rd., Sec.5, Yang-Mei Jen, Taoyuan Hsien, Taiwan, R.O.C.
Where Signed	
Date <i>Mar. 16, 2001</i>	Signature <i>[Signature]</i>
Witness (optional)	Witness (optional)
Print/Type Name <b>Hung-Yu YANG</b>	Print/Type Name
Signature	Signature
Assignor Name <b>Chun-Jen CHOU</b>	Address No.12, Lane551, Min-Tsu Rd., Sec.5, Yang-Mei Jen, Taoyuan Hsien, Taiwan, R.O.C.
Where Signed	
Date <i>Mar. 20, 2001</i>	Signature <i>Chou, Chun-Jen</i>
Witness (optional)	Witness (optional)
Print/Type Name <b>Chun-Jen YANG</b>	Print/Type Name
Signature	Signature
Assignor Name <b>Yn-Tarng JONG</b>	Address No.12, Lane551, Min-Tsu Rd., Sec.5, Yang-Mei Jen, Taoyuan Hsien, Taiwan, R.O.C.
Where Signed	
Date <i>Mar. 16, 2001</i>	Signature <i>[Signature]</i>
Witness (optional)	Witness (optional)
Print/Type Name <b>Yn-Tarng JONG</b>	Print/Type Name
Signature	Signature

☐ Continued on Next Page

Assignor Name <b>Sung-Chu LAI</b>	Address No.12,Lane551,Min-Tsu Rd.,Sec.5, Yang-Mei Jen,Taoyuan Hsien, Taiwan,R.O.C.
Where Signed	
Date <b>Mar, 19, 2001</b>	Signature <b>Sungchu, Lai</b>
Witness (optional)	Witness (optional)
Print/Type Name <b>Sung-Chu LAI</b>	Print/Type Name
Signature	Signature
Assignor Name	Address
Where Signed	
Date	Signature
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature
Assignor Name	Address
Where Signed	
Date	Signature
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

☐ Continued on Next Page