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**RECORDATION COVER SHEET - PATENT APPLICATION**

21906 U.S. PTO  
10/606791  
06/27/03

NAME OF CONVEYING PARTY **6.27.03** **Quen-Zong WU, Heng-Sung LIU**  
**and Yuang-Tzong LAN**

NAME OF RECEIVING PARTY : **CHUNGWA TELECOM CO., LTD.**

ADDRESS OF RECEIVING PARTY : **No. 12, Lane 551, Min-Tsu Rd., Sec. 5,**  
**Yang-Mei, Taoyuan, Taiwan, R.O.C.**

NATURE OF CONVEYANCE : **Assignment of U.S. Patent Application**

CONVEYANCE EXECUTION DATE : **June 18, 2003**

PATENT APPLICATION NO. : **To be assigned**

PATENT APPLICATION FILING DATE : **June 27, 2003** **10606791**

APPLICATION FILED TOGETHER  
WITH THIS DOCUMENT : **YES**

APPLICATION EXECUTION DATE : **June 18, 2003**

CORRESPONDENCE  
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06/30/2003 SDIRE1A1 00000028 10606791  
02 FC:8021 40.00 UP

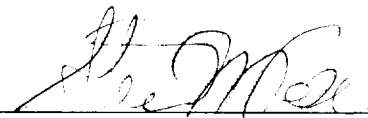
ATTORNEY REFERENCE : **ASI 126**

TOTAL NUMBER OF PATENTS  
AND APPLICATIONS INVOLVED : **One**

TOTAL FEE PAID : **\$40.00**

METHOD OF PAYMENT : ☒ **Enclosed**  
☐ **Authorized to be charged to**  
**deposit account**

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.

  
Steven M. Rabin (Reg. No. 29,102)

June 27, 2003  
Date

Total number of pages including cover sheet, attachments and document: 3.

**PATENT**  
**REEL: 014244 FRAME: 0038**

**FEE ENCLOSED: \$79c**  
**Please charge any further**  
**fee to our Deposit Account**  
**No. 18-0002**

# ASSIGNMENT

WHEREAS, I (we), 1. Quen-Zong WU 2. Heng-Sung LIU 3. Yuang-Tzong LAN  
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful  
improvements in SPRING EXTRACTION METHOD FOR IMAGE BASED ON MULTIPLE STROKE WIDTH  
PATTERNS MATCHING

(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.  
whose post office address is No. 12, Lane 551, Min-Tsu Rd., Sec. 5, Yang-Mei, Taoyuan, Taiwan, R.O.C.  
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 \_\_\_\_\_ to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name	Quen-Zong WU	Address	No. 12, Lane 551, Min-Tsu Rd.,
Where Signed			Sec. 5, Yang-Mei, Taoyuan, Taiwan,
			R.O.C.
Date	June 18, 2003	Signature	Quen-Zong WU
Witness (optional)		Witness (optional)	
Print/Type Name		Print/Type Name	
Signature		Signature	

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Assignor Name Heng-Sung LIU	Address No.12,Lane 551,Min-Tsu Rd.,Sec. 5, Yang-Mei,Taoyuan,Taiwan,R.O.C.
Where Signed	
Date June, 18, 2003	Signature Heng-Sung Liu
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature
Assignor Name Yuang-Tzong LAN	Address No.12,Lane 551,Min-Tsu Rd., Sec. 5, Yang-Mei,Taoyuan,Taiwan,R.O.C.
Where Signed	
Date June 18, 2003	Signature Yuang-Tzong Lan
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

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