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

U.S. Department of Commerce Patent and Trademark Office



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09/934473

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

1. Name of Conveying Party(ies):  
 Yen-Chang TUNG  
 Alex Yu-Kwen SU

08/23/01

2. Name and Address of Receiving Party(ies):  
 Name: Media Scope Technologies Corp.  
 Street Address: 4F-10, No. 351, Sec. 2  
 Chung-Shan Rd.  
 City, State, Zip: Chung-Ho City, Taipei County,  
 Taiwan, R.O.C.

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

3. Nature of Conveyance:  
 Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: May 14, 2001

4. (A) Patent Application Number(s):  
 Entitled: "Phase-Locked Loop Circuit"  
 Atty Ref: 7146

If this document is being filed together with a new application, the execution date of the application is: August 14, 2001

4. (B) Patent Number(s):  
 09/934473

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:  
 Name: Eugene Mar  
 Bacon & Thomas, PLLC  
 625 Slaters Lane Fourth Floor  
 Alexandria, VA 22314

Additional Numbers Attached

Total Number of Applications and Patents Involved:	1
7. Total Fee: (37 CFR 3.41)	\$40.00
<input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> 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      August 23, 2001      Date

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

# ASSIGNMENT (Utility)

WHEREAS, I (we), Yen-ChangTUNG; Alex Yu-Kwen SU  
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful  
DESIGN for

PHASE-LOCKED LOOP CIRCUIT

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

executed on even date herewith

executed on:

filed on:

Serial No.:

WHEREAS, Media Scope Technologies Corp.  
whose post office address is 4F-10, No. 351, Sec. 2, Chung-Shan Rd.,  
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the  
United States; Chung-Ho City, Taipei County, Taiwan, R.O.C.

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 DESIGN  
and application throughout the United States of America and in and to any and all DESIGN Patents 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 DESIGN,  
including additional documents that may be required to affirm the rights of ASSIGNEE in and to said DESIGN, 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 DESIGN 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  
DESIGN Patents 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 DESIGN Patents may be granted, as fully and entirely as the same would have been  
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 Yen-Chang TUNG	Address No. 7, Da-Ren Street, Guei-Ren Village, Tainan County, Taiwan, R.O.C.
Where Signed Taipei County, Taiwan	Signature <i>Yen Chang Tung</i>
Date May 14, 2001	(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 _____, 19____.	
_____ Notary Public	
My Commission Expires: _____	

# ASSIGNMENT (Utility)

<i>Assignor Name</i> Alex Yu-Kwen SU	<i>Address</i> 13F, No. 108, Long-An Road, Hsin-Chuang City, Taipei County, Taiwan, R.O.C.
<i>Where Signed</i> Taipei County, Taiwan	
<i>Date</i> May 14, 2001	<i>Signature</i> Alex Yu-Kwen Su
(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 _____, 19____.	
_____ <i>Notary Public</i>	
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 _____, 19____.	
_____ <i>Notary Public</i>	
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 _____, 19____.	
_____ <i>Notary Public</i>	
My Commission Expires: _____	