

To the Commissioner of Pat



ched original documents or copy thereof.

1. Name of conveying party(ies):

Sen-Hsiang LIU; Chih-Chin HU

Additional name(s) of conveying party(ies) attached?

Yes  No

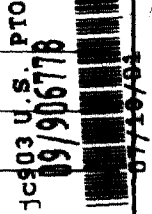
101792689

Address of receiving party(ies):

Name: Primax Electronics Ltd.

Foreign Address: No. 669, Ruey Kuang Road

Neihu, Taipei, Taiwan, R.O.C.



3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: July 4, 2001

Domestic Address:

City: State ZIP

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 4, 2001

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: DOUGHERTY & TROXELL

5205 Leesburg Pike

Suite 1404

Falls Church, Virginia 22041-3401

Telephone No.: (703) 575-2711

Facsimile No.: (703) 575-2707

6. Number of applications and patents involved: One (1)

7. Total fee (37 CFR 3.41): \$40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number 501874

(Attach duplicate copy of this page if paying by deposit account):

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9. Statement and signature.

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.

Bruce H. Troxell

Name of Person Signing  
Registration No. 26,592

Signature

July 18, 2001

Date

07/20/2001 BTESSEM1 00000043 09906778

Total number of pages including cover sheet, attachments, and documents: 2

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# ASSIGNMENT

WHEREAS, I(we), 1. Sen-Hsiang Liu 2. Chih-Chin Hu  
 whose post office address(es) appear below, hereinafter referred to as ASSIGNOR, is(are) the owner(s) of certain new and useful improvements in  
**COMPOSITE INTERFACE STRUCTURE FOR JACK-PLUG SOCKETS**

(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.: \_\_\_\_\_

WHEREAS,

**PRIMAX ELECTRONICS LTD.**

whose post office address is **No. 669, Ruey Kuang Road, Neihu, Taipei, 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 and throughout the world;

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 United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

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) or inventor certificate(s) in the United States and in foreign countries 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 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.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States 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 Dougherty & Troxell to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name: Sen-Hsiang Liu	Address: 4F, No.157, Sec. 1, Hsi Wan Rd., Hsi Chih City, Taiwan, R.O.C.
Where Signed: Taipei, Taiwan, R.O.C.	
Date: 7/10/01	Signature: <i>Sen Hsiang Liu</i>
ss. _____ (Notarization preferred but not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2000	
_____ Notary Public	
My Commission Expires: _____	

<i>Assignor Name:</i> Chih-Chin Hu	<i>Address:</i> No. 31, Lane 21, Kuo Hsin Street, Hsi Chih City, Taiwan, R.O.C.
<i>Where Signed:</i> Taipei, Taiwan, R.O.C.	
<i>Date:</i> 7/14/01	<i>Signature:</i> Chih-Chin Hu.
_____ _____ ss. (Notarization preferred but not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2000	
_____ Notary Public My Commission Expires: _____	

<i>Assignor Name:</i>	<i>Address:</i>
<i>Where Signed:</i>	
<i>Date:</i>	<i>Signature:</i>
_____ _____ ss. (Notarization preferred but not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2000	
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<i>Assignor Name:</i>	<i>Address:</i>
<i>Where Signed:</i>	
<i>Date:</i>	<i>Signature:</i>
_____ _____ ss. (Notarization preferred but not required)	
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_____ Notary Public My Commission Expires: _____	