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U.S. Department of Commerce

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copies ther 🔐 f. 2. Name and Address of Receiving Party(ies): 1. Name of Conveying Party(ies): Yen-Szu LIU Name: **Biwave Technologies** Internal Address: 15F, 125 Keelung Rd., Sec. 2 Street Address: ☐ Additional names of conveying parties attached. 3. Nature of Conveyance: City, State, Zip: Taipei, Taiwan ROC Merger Assignment ☐ Security Agreement ☐ Change of Name ☐ Other: □ Additional name(s) and address(es) attached. Execution Date: 12/29/99 4. (B) Patent Number(s): 4. (A) Patent Application Number(s): H15113 If this document is being filed together with a new 12/29/99 application, the execution date of the application is: □ Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Concerning this Total Number of Applications and Document Should be Mailed:

MPEOPLES 00000018 49435143 Mar
Name: Patents Involved: 01/19/200d 7. Total Fee: \$40.00 (37 CFR 3.41) Baco 10800 Igomas Address: 625 Slaters Lane Authorized to be charged to deposit account Alexandria, VA 22314 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. Eugene Mar December 30, 1999 Date Name of Person Signing Signature Total number of pages including cover sheet, attachments and document: 2

**PATENT** 

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03 FC:581

'REEL: 010496 FRAME: 0749

filed:

## ASSIGNMENT

WHEREAS, I (we), Yen-Szu. LIU

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in SINGLE-CABLE TRANSMISSION DEVICE FOR SIGNALS AND POWER SUPPLY OF A SURVEILLANCE SYSTEM

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

Second on even date herewith

Second on:

Second No.:

WHEREAS, Blwave Technologies

designating the United States of America

a established by PCT International Patent Application No.:

whose post office address is 15F, 125 Keelung Rd. Sec. 2, Taipei, Taiwan, R.U.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), Assumor, by these presents do sell, assign and transfer unto said Assignment, 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 logal 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 Yen-Szu, LIU	15F, 125 Keelung Rd. Sec. 2,
Taipei, Taiwan, R.O.C.	Taipei, Taiwan, R.O.C.
Date December 29 , 1999	Signature Yenfulu
55.	(Notarization preferred but not required)
Before me personally appeared said this instrument to be his (her) free act and deed this	day of
	Notary Public  My Commission Espires:

PATENT REEL: 010496 FRAME: 0750

**RECORDED: 12/30/1999**