U.S. DEPARTMENT OF COMMERCE RECORD FORM **PTO-1595** Pater t and Trademark Office (Rev. 6-93) OMB No. 0651-0011 (Exp. 4/94) 101540884 To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies) 1. Name of conveying party(ies): **LAN Media Corporation** Crane, Ronald C. July 13, 2000 Address: 686 West Maude Avenue, Suite102 Sunnyvale, California 94086 Additional name(s) of conveying party(ies) attached?
Yes X No 3. Nature of Conveyance: Merger Assignment []Change of Name Security Agreement Additional name(s) attached? Yes [X] No []Other: Execution Date: See above 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: A. Patent Application No.(s) B. Patent No.(s): 5,677,651 Additional numbers attached? [] Yes [X] No Name and address of party to whom correspondence concerning 6. Total number of application and patents involved: 1 document should be mailed: 7. Total Fee (37 CFR 3.41).....\$40.00 Patent Group [X] Enclosed Cooley Godward LLP Five Palo Alto Square [] Authorized to be charged to deposit account 3000 El Camino Real Palo Alto. CA 94306-2155 8. Deposit account number: 03-3117 (Attach duplicate copy of this page if paying by (eposit account) DO NOT USE THIS SPACE 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. Reg. No.: 31,411 Name of Person Signing: Shelley P. Eberle Signature: Shelluf P. Cherles Total number of pages including cover sheet, attachments, and documents: 3 EL514032545US Date of Deposit: 14 NOV2000 Express Mail Label No. I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Assignment, Director, U.S. Patent and Trademark Office, Washington, D.C. 20231.

Date: 14 NOV 2000 B

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Vladimir Skliba

PATENT REEL: 011295 FRAME: 0110

ASSIGNMENT

Whereas, Ronald C Crane,

(hereinafter referred to individually and collectively as "Inventor") have made an invention relating to certain new and useful improvements in:

Asymmetrical bundle mode termination for twisted pair wiring of local area network

an	d executed therefor an Application for Letters Patent of the United States and
[] having an oath or declaration executed on even date herewith;
[] bearing Serial No and filed on
٢	X lissued as a Patent No. 5.677.651 on October 14, 1997

Whereas, LAN Media Corporation (hereinafter "Assignee"), a corporation of California, and having a principal place of business at 686 West Maude Avenue, Suite 102, Sunnyvale, CA 94086 USA, is desirous of acquiring the entire right, title, and interest in and to said invention, said Application, and the Letters Patent to be obtained therefor:

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to Inventor in hand paid, the receipt and sufficiency whereof are hereby acknowledged, Inventor has sold, assigned, and set over and by these presents does hereby sell, assign, and set over unto Assignee and Assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said Application and any other application, domestic or foreign, that claims said invention, as well as any Letters Patent, domestic or foreign, that may or shall issue thereon; and Inventor does hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms of this Assignment.

The terms "Application" and "Application for Letters Patent" as used herein include both provisional and non-provisional applications.

Inventor hereby authorizes the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of said Application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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Upon said consideration, Inventor conveys to Assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the United States application (or other application if any there be) in priority to other applications; and Inventor does hereby covenant and agree with Assignee that Inventor will not execute any writing or do any act whatsoever conflicting with these presents, and that Inventor will at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, renewal, reexamined. reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of both parties.

Date:	JULY	13,2000	By: Ronald C. Crane
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Ronald C Crane