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| (Rev. 6-93)  OMB No. 0651-0011 (exp. 4/94)   | PATENTS ONLY   | Patent and Trademark Office                  |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.   |  |  |
| 1. Name of conveying party(ies):  Charles Barker  Krzysztof Pradzynski  Additional name(s) of conveying party(ies) attached? Yes  3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name Other | 2. Name and address of ro  Name: AURORA  Internal Address:  Street Address: 4151  City: Santa Clara    | eceiving party(ies):                         |
| Execution Date: May 4, 2001  4. Application number(s) or registration number(s):  If this document is being filed together with a new application,  A. Patent Application No.(s):  19/850935                           | B. Patent No.(s):  | 4, 2001                                      |
| Additi      Name and address of party to whom correspondence concerning document should be mailed:   | onal numbers attached? Yes No  6. Total number of applic   | ations and patents involved: 1               |
| Name: John J. Bruckner, Esq. FULBRIGHT & JAWORSKI L.L.F 600 Congress Avenue, Suite 2400  City: Austin State: Texas Zip: 78701  | Enclosed  Authorized to be if check insufficient or inac  8. Deposit account number 50-1212/10102265/A | er:  |
| DO NOT USE THIS SPACE  |  |  |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing information of John J. Bruckner  Name of Person Signing, Reg. No. 35,816  | Signature  | 05/07/01  Date                               |
| Mail documents to be rec   |  | ng cover sheet, attachments and documents: 4 |
| Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents and Trademarks  Box Assignment  |  |  |

Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAIL

NUMBER EL611001581US

DATE OF DEPOSIT May 7, 2001

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**PATENT REEL: 011791 FRAME: 0574** 

PATENT FILE NO. AURO:008US

## **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to AURORA NETWORKS, INC. (the "Assignee"), having a place of business at 4151 Burton Drive, Santa Clara, CA 95054, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No.

which has been filed on May 7, 2001 and is entitled "N-WAY BROADCAST / NARROWCAST COMBINER", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States (Assignee's agent is authorized to make corrections to this document);

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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| TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.  |
|---|
| Signature: Date: May 4, 2001 Name: Charles Barker   |
| STATE OF California )  South Clara )  COUNTY OF Santa Clara )   |
| BEFORE ME, the undersigned authority, on this day of, 2001 personally appeared Charles Barker, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.      |
| Notary or Consular Officer [SEAL]   |
| Signature: Date: 5/4/200/ Name: Krzysztof Pradzynski  |
| STATE OF CALIFORNIA )  SS.  COUNTY OF JAMA CLANS )  |
| BEFORE ME, the undersigned authority, on this day of, 2001 personally appeared Krysztof Pradzynski, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed. |

Notary or Consular Officer

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[SEAL]

ASSIGNEE:

AURORA NETWORKS, INC.

By: \_( Name:

Title:

Vice President & Chief Scientis

Date: May 4, 200

FULBRIGHT & JAWORSKI L.L.P. 600 Congress Avenue, Suite 2400 Austin, Texas 78701

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PATENT REEL: 011791 FRAME: 0577