



To the Honorable Commissioner of Patents

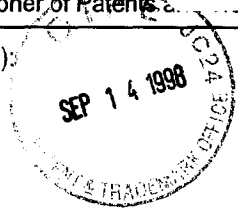
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Use attached original documents or copy thereof.

MRP 9-14-98

1. Name of conveying party(ies):

JAY ARNOLD FOSTER



2. Name and address of receiving party(ies)

Name: XIRCOM, INC.

Internal Address:

Street Address: 2300 Corporate Center Drive

City: Thousand Oaks State: CA ZIP: 91320

Additional name(s) of conveying party(ies) attached? Yes No

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: September 9th, 1998

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)

Additional numbers attached? Yes No

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

Name: Grant R. Clayton

Internal Address: THORPE, NORTH & WESTERN, L.L.P.

Street Address: P.O. Box 1219

Suite 200

City: Sandy State: Utah ZIP: 84091-1219

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

20-0100 (Deficiencies only)

(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 information is true and correct and any attached copy is a true copy of the original document.

Grant R. Clayton

Name of Person Signing

Signature

September 9, 1998

Date

Total number of pages including cover sheet, attachments, and document: 1

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

A S S I G N M E N T

WHEREAS, I, JAY ARNOLD FOSTER, a citizen of the United States, with post office address as shown below adjacent to my name; have invented a certain product and process entitled "**ALGORITHM TO REDUCE POWER CONSUMPTION OF AN AUTO-NEGOTIATING ETHERNET TRANSCEIVER**", hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by me and now identified as File No. T6438 of the law firm of Thorpe, North & Western, P. O. Box 1219, Sandy, Utah, 84091-1219, and filed in the United States Patent and Trademark Office as Serial No. 09/063,977 on April 21, 1998. The Assignee, **XIRCOM**, a California corporation, organized and existing under the laws of the State of California, located at 2300 Corporate Center Drive, Thousand Oakes, California 91320, is desirous of acquiring the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, **WE HEREBY ASSIGN TO THE ASSIGNEE:**

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries

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foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behalf of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

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This assignment and agreement shall be binding upon our heirs and legal representatives.

Inventor Jay Arnold Foster
JAY ARNOLD FOSTER
~~5 Chameleon Court~~ ⁹⁰¹ 2001 Raleigh Ave
Austin, Texas ~~73738~~ 78703

STATE OF TEXAS)
) ss.
COUNTY OF Duval)

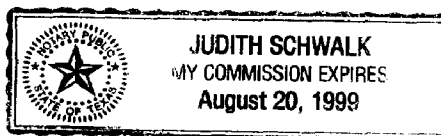
Before me personally appeared said JAY ARNOLD FOSTER, and acknowledged the foregoing instrument to be his free act and deed this 20 day of August, 1998.

Judith Schwalk
Notary Public

My Commission Expires:

August 20, 1999

Residing at: 3267 Lee Lane
Austin, Texas 78746



Docketet No. T6438
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