

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Adero, Inc.	06/04/2001
<b>RECEIVING PARTY DATA</b>	
Name:	The Fantastic Corporation
Street Address:	VIA CANTONALE
City:	LUGANO-MANNO
State/Country:	SWITZERLAND
Postal Code:	CH-69
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	10957535
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ATTORNEY DOCKET NUMBER:	32052.8003US8
NAME OF SUBMITTER:	Maurice J. Pirio
Total Attachments: 6 source=Assignment4#page1.tif source=Assignment4#page2.tif source=Assignment4#page3.tif source=Assignment4#page4.tif	

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**PATENT ASSIGNMENT**

**Adero, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at 170 Tracer Lane, Waltham, MA 02451 United States (hereinafter called "ASSIGNOR") in consideration of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged as having been provided to ASSIGNOR by **The Fantastic Corporation**, a corporation organized under the laws of Switzerland, located at Via Cantonale CH-6928 Lugano-Manno Switzerland (hereinafter called "ASSIGNEE"), does hereby sell and assign to the said ASSIGNEE, its successors, assigns and legal representatives, all their right, title and interest, throughout the world, in and to the inventions described, claimed and specified on Schedules A through D annexed hereto, including all right, title and interest in and to: all substitutions, divisions, and continuations of the patent applications specified thereon; all patents specified thereon and all extensions, renewals, reissues and reexaminations thereof; and any utility models or designs shown or described in the documents specified in Schedules A through D annexed hereto.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the United States and in all countries foreign to the United States, or to such nominees as ASSIGNEE may designate.

ASSIGNOR shall, when requested, and without charge to ASSIGNEE for any time involved (except that ASSIGNEE shall reimburse ASSIGNOR for any substantiated expenses or disbursements associated with said request), sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection, including but not limited to papers required in connection with the prosecution of any continuing, continuation-in-part, substitute, divisional, renewal or reissue applications, or in any amendment, extension, or interference proceeding, or to otherwise to secure the title in ASSIGNEE;

4 IN TESTIMONY WHEREOF, ASSIGNOR has hereunto set his hand and seal this day of June, 2001.

BY:

By: ADERO, INC  
Jonathan C. Crane  
Name: JONATHAN C. CRANE  
Title: PRESIDENT

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

BE IT REMEMBERED, That on this 4th day of June, 2001, before me, a Notary Public, personally appeared Jonathan C. Crane, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

**SARAH J. BLACKWELL, Notary Public**  
**My Commission Expires June 14, 2002**  
Sarah J. Blackwell

The ASSIGNEE hereby acknowledges and accepts this assignment, including the assignment of EPA 96 909 466.3, filed as a national phase application of PCT/US96/00634, published as O 804 838 on 11/05/1997, entitled "Data Transmission"

ACKNOWLEDGED AND ACCEPTED:

**THE FANTASTIC CORPORATION**

By: \_\_\_\_\_  
Name: Paul A. Baum  
Title: VP Americas

## SCHEDULE A

U.S. 5,553,083, which issued on 09/03/1996, entitled "Method for quickly and reliably transmitting frames of data over communications links," which has been reexamined and has since issued as U.S. 5,553,083 B1 on May 16, 2000.

U.S. 5,727,002, which issued on 03/10/1998, entitled "methods for transmitting data"

U.S. 5,920,701, which issued on 07/06/1999, entitled "scheduling data transmission"

U.S. 6,151,696, which issued on 11/21/2000, entitled "data transmission"

U.S. Serial No. 09/274,574, filed 3/23/99, entitled "System and Method for Host List Pruning," of inventors Miller et al.

U.S. Serial No. 09/364,761, filed 7/30/99, entitled "System and Method for Sending Packets Over a Computer Network," of inventors Miller et al.

U.S. Serial No. 09/385,746, filed 8/30/99, entitled "System and Method for Automatically Rescheduling a Data Transmission to Members of a Group," of inventors Miller et al.

## SCHEDULE B

WO98/9412 A1, which published on 03/05/1998, entitled "scheduling data transmission"

WO96/22,641 A2, which published on 07/25/1996, entitled "network multicasting method using ARQ techniques for preventing unnecessary retransmissions," based upon PCT application Number PCT/US96/00634, filed on January 16, 1996.

WO96/22,641 A3, which published on 01/16/1997, entitled "network multicasting method using ARQ techniques for preventing unnecessary retransmissions," based upon PCT application Number PCT/US96/00634, filed on January 16, 1996.

## SCHEDULE C

EPA 96 909 466.3 (a European counterpart of U.S. Patent No. 5,553,083), filed as a national phase application of PCT/US96/00634, published as 0 804 838 on 11/05/1997, entitled "Data Transmission"

## SCHEDULE D

JP 8-522373 (a Japanese counterpart of U.S. Patent No. 5,553,083), filed as a national phase application of PCT/US96/00634, which was filed on January 16, 1996 published on December 2, 1998 as Japanese national phase PCT laid-open publication number 10-512726.