

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Naofal Al-Dhahir	09/25/2000
<b>RECEIVING PARTY DATA</b>	
Name:	AT&T Corp.
Street Address:	32 Avenue of the Americas
City:	New York
State/Country:	NEW YORK
Postal Code:	10013
<b>PROPERTY NUMBERS Total: 2</b>	
Property Type	Number
Patent Number:	7433402
Patent Number:	7796718
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	AL-DHAHIR 1 (CON&CON2)
NAME OF SUBMITTER:	Henry Brendzel
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**PATENT**  
**REEL: 025545 FRAME: 0638**

## ASSIGNMENT AND AGREEMENT

For value received, I, Naofal Al-Dhahir of Morristown in the County of Morris and State of NJ, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Finite-Length Equalization Over Multi-Input Multi-Output Channels** described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent 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 AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

I agree that, when requested, I shall, without charge to AT&T Corp. but at its expense, 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.

N-n-w-Al-Dhahir  
Naofal Al-Dhahir

Date 9/25/00

United States of America     )  
State of     NJ     )ss.:  
County of     Morris     )

On this 25<sup>th</sup> day of September, 2000,  
before me personally came Naofal Al-Dhahir, to me known to be the individual described  
in and who executed the foregoing instrument, and acknowledged execution of the same.

Robin J. Badders  
Notary Public

**ROBIN J. BADDERS**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 11/30/2003**