

08-04-2000

:ket Number: 113652



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PATENT

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Name (line 1)	Cox, Richard Vandervoort	Execution Date MMDDYYYY 06/21/2000
Name (line 2)		

Second Party

Name (line 1)	Martin, Rainer	Execution Date MMDDYYYY 04/13/2000
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Docket Number: 113652

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U.S. Department of Commerce
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PATENT**CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

NAME	Samuel H. Dworetsky		
ADDRESS	AT&T CORP. P.O. Box 4110		
CITY	Middletown	STATE	New Jersey
COUNTRY	United States of America	ZIP CODE	07748-4110
		FAX	732-368-6932

Pages Enter the total number of pages of the attached conveyance document # 7
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Application Number(s) or Patent Number(s) Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)
09/499985	

If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

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Enclosed Deposit Account

Deposit Account

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Deposit Account Number: 01-2745

Authorization to charge additional fees: Yes No

STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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.

NAME	Thomas A. Restaino	
TELEPHONE	908-221-5720	
SIGNATURE		DATE 6/28/2000

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

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PATENT
REEL: 010961 FRAME: 0334

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Richard Vandervoort Cox of New Providence in the County of Union County and State of New Jersey, and Rainer Martin of Aachen in the Country of Germany, hereby sells, assigns and transfers 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, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

New Speech Enhancement Techniques for Low Bit Rate Speech Coding

described in an application for Letters Patent for the United States of America,

for which an application for a United States Patent was executed on

for which an application for a United States Patent was filed on 02/08/2000 Application Number 09/499985,

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 the undersigned 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.

The undersigned 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 the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned 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.

The undersigned 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.

The undersigned agree that, when requested, the undersigned 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.

PATENT

REEL: 010961 FRAME: 0335

Richard Vandervoort Cox
Richard Vandervoort Cox

Date: 6/21/2000

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 21 day of June, 2000 before me personally came Richard Vandervoort Cox, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Maureen A. Kane-Sara
Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4110

MAUREEN KANE-SARA
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 2004

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Richard Vandervoort Cox of New Providence in the County of Union County and State of New Jersey, and Rainer Martin of Aachen in the Country of Germany, hereby sells, assigns and transfers 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, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

New Speech Enhancement Techniques for Low Bit Rate Speech Coding

described in an application for Letters Patent for the United States of America,

for which an application for a United States Patent was executed on _____

for which an application for a United States Patent was filed on 02/08/2000 Application Number 09/499985,

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 the undersigned 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.

The undersigned 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 the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned 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.

The undersigned 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.

The undersigned agree that, when requested, the undersigned 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.

Richard Vandervoort Cox

Date: _____

United States of America)

State of) ss.:

County of)

On this ____ day of _____, _____ before me personally came Richard Vandervoort Cox, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4110

Rainer Martin
Rainer Martin

Date: 13.04.2000

United States of America)

State of) ss.:

County of)

On this 13 day of April 2000, _____ before me personally came Rainer Martin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



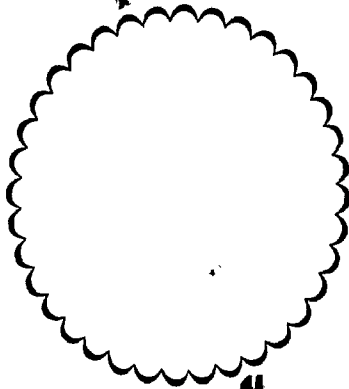
Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4110

UR.Nr. 362 / 2000

Hiermit be laubige ich die vor mir vollzogene Namensunterschrift des mir von Person bekannten Herrn Dr. Rainer Martin, geboren am 5. November 1962, wohnhaft Pfalzgrabenstraße 71 in 52072 Aachen.

Aachen, den 13. April 2000



Notar