

3.23.01

Docket Number: 1999-0767A

04-16-2001

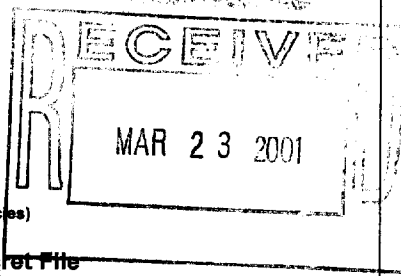


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PATENT

TO: The Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).

Submission Type		Conveyance Type	
<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Resubmission(Non-Recordation)	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Security Agreement
<input type="checkbox"/> Correction of PTO Error	<input type="checkbox"/> Corrective Document	<input type="checkbox"/> License	<input type="checkbox"/> Change of Name
Reel #	Frame #	<input type="checkbox"/> Merger	<input type="checkbox"/> Other:
Reel #	Frame #	<input type="checkbox"/> Departmental File <input type="checkbox"/> Secret File	



Conveying Party(ies) Mark if additional names of conveying parties attached

Name (line 1)	Cox, Richard Vandervoort	Execution Date MMDDYYYY 02/23/2001
Name (line 2)		

Second Party

Name (line 1)	Kim, Hong Kook	Execution Date MMDDYYYY 02/26/2001
Name (line 2)		

Receiving Party Mark if additional names of receiving parties attached

Name (line 1)	AT&T Corp.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)	32 Avenue of the Americas	
Address (line 2)	New York, New York 10013-2412	
Address (line 3)	United States of America	
	City, State/Country Zip Code	

Domestic Representative Name and Address Enter for the first Receiving Party only.

Name (line 1)	
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FOR OFFICE USE ONLY

04/16/2001 TDIAZ1 00000017 012745 09730011
 01 FC:581 40.00 CH

Mail documents to be recorded with required cover sheet(s) information to:
Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231

Docket Number: 1999-0767A

Page 2

U.S. Department of Commerce
Patent and Trademark Office
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	ZIP CODE	07748-4110
COUNTRY	United States of America		FAX	732-368-6932	

Pages Enter the total number of pages of the attached conveyance document #
including any attachments

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)

09/730011

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

Method of Payment :

Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

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	<i>Thomas A. Restaino</i>	DATE	3/21/01

CERTIFICATE OF MAILING

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:

Type or Printed Name	<i>Anne M Ferraro</i>		
Signature	<i>Anne M Ferraro</i>	Date	3/21/01

SEND TO: Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 011672 FRAME: 0218

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 Hong Kook Kim of Chatham in the County of Morris County and State of New Jersey, 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

**Frame Erasure Concealment Technique For A Bitstream-Based Feature
Extractor**

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 12/05/2000 Application Number 09/730011,

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
Richard Vandervoort Cox

Date: 2/23/01

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 23 day of February, 2001 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 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**

Hong Kook Kim
Hong Kook Kim

Date: 2/24/07

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 26th day of February, 07 before me personally came Hong Kook Kim, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Maureen 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

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/730011	
	Filing Date	12/05/2000	
	First Named Inventor	Richard Vandervoort Cox et al.	
	Group Art Unit	2641	
	Examiner Name		
Total Number of Pages in this Submission	4	Attorney Docket Number	1999-0767A

Enclosures (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment & Recordation Cover Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) & Letter to Official Draftsman	<input type="checkbox"/> Appeal Communications to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communications to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits / Declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Petition for Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Additional enclosure(s) <i>(please identify below)</i>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		

CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below
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NAME	Samuel H. Dworetzky		
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

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME	Thomas A. Restaino	Reg. #	33444
TELEPHONE	908-221-5720		
SIGNATURE	<i>Thomas A Restaino</i>	DATE	3/21/01

CERTIFICATE OF MAILING

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:

Type or Printed Name	<i>Anne M Ferraro</i>		
Signature	<i>Anne M Ferraro</i>	Date	3/21/01

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231

FEE TRANSMITTAL

Patent Fees are subject to annual revision.

Complete if Known

Application Number	09/730011
Filing Date	12/05/2000
First Named Inventor	Richard Vandervoort Cox et al.
Examiner Name	
Group/Art Unit	2641
Attorney Docket No.	1999-0767A

TOTAL AMOUNT OF PAYMENT	\$40
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METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2745
 Deposit Account Name AT&T CORP.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance

FEE CALCULATION**1. FILING FEE**

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
101	710	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	
106	320	Design Filing Fee	
108	710	Reissue Filing Fee	
114	150	Provisional Filing Fee	

SUBTOTAL (1) 0

2. CLAIMS

Filing Under 37CFR 1.53 (b)
 CPA Under 37CFR 1.53 (d)
 Amendment

	Extra Claims	Fee from below	Fee Paid
Total	- 20 = 0	x 18 =	0
Ind.	- 3 = 0	x 80 =	0
Multiple Dependent Claims			0

Large Fee Code	Entity Fee(\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent Claims in excess of 3
104	270	Multiple Dependent Claims
109	80	Reissue independent claims over original patent
110	18	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) 0

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2520	For filing a request for reexamination	
112*	920	Requesting publication of SIR prior to Examiner action	
113*	1840	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1390	Extension for reply within fourth month	
128	1890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1240	Petition to revive - unintentional	
142	1240	Utility issue fee (or reissue)	
143	440	Design issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Statement	
581	40	Recording each patent assignment per property (times number of properties)	40
146	710	Filing a submission after final rejection(37 CFR 1.129(a))	
149	710	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL(3) 40

SUBMITTED BY

Typed or Printed Name Thomas A. Restaino

Complete (if applicable)

Reg. Number 33444

Signature

Thomas A. Restaino

Date

3/21/01

Deposit Account User ID

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231

RECORDED: 03/23/2001

PATENT
REEL: 011672 FRAME: 0224