

03-29-2001



101652907

3.5.01

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or cop(ies).

**Submission Type**

- ☒ **New**
- ☐ **Resubmission (Non-Recordation)**  
Document ID#
- ☐ **Correction of PTO Error**  
Reel # Frame #
- ☐ **Corrective Document**  
Reel # Frame #

**Conveyance Type**

- ☒ **Assignment** ☐ **Security Agreement**
- ☐ **License** ☐ **Change of Name**
- ☐ **Merger** ☐ **Other**  
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ **Departmental File** ☐ **Secret File**

**Conveying Party(ies)**

- ☒ Mark if additional names of conveying parties attached Execution Date  
Month Day Year  
02152001

Name (line1) Brian Pulito

Name (line2)

**Second Party**

Execution Date  
Month Day Year  
02162001

Name (line1) Mark Johnson

Name (line2)

**Receiving Party**

- ☐ Mark if additional names of receiving parties attached
- ☐ 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 1) International Business Machines Corporation

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) Armonk

NY

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

03/28/2001 TDIAZ1 00000155 122158 09695193  
01 FC:581 40.00 CH

## Correspondent Name and Address

Area Code and Telephone Number (617) 367-4600

Name Paul E. Kudirka, Esq.

Address (line 1) Kudirka &amp; Jobse, LLP

Address (line 2) Two Center Plaza

Address (line 3) Boston, MA 02108

Address (line 4)

## Pages

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

# 13

## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers 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)

If this document is being filed together 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)

PCT

PCT

PCT

Enter PCT application number

only if a U.S. Application Number PCT

PCT

PCT

Has not been assigned.

## Number of Properties

Enter the total number of properties involved.

# 1

## 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:

# DA-12-2158

Authorization to charge additional fees:

Yes ☒No ☐

## 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. Charges to deposit account are authorized, as  
indicated herein.

Bruce D. Jobse

Name of Person Signing

Signature

Date

2/28/01

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

**Conveying Party(ies)**

*Enter additional Conveying Parties*

☒ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year  
02162001

Name (line1) Brian Cline

Name (line2)

Execution Date  
Month Day Year  
02202001

Name (line1) Mark Kressin

Name (line2)

Execution Date  
Month Day Year  
02202001

Name (line1) Andrew Lochbaum

Name (line2)

**Receiving Party(ies)**

*Enter additional Receiving Party(ies)*

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ 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.)

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**Application Number(s) or Patent Number(s)**

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

☐ Mark if additional numbers attached

Patent Application Number(s)

Patent Number(s)

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

**Conveying Party(ies)**

*Enter additional Conveying Parties*

☒ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year  
02212001

Name (line1) Jeff Durham

Name (line2)

Execution Date  
Month Day Year

Name (line1)

Name (line2)

Execution Date  
Month Day Year

Name (line1)

Name (line2)

**Receiving Party(ies)**

*Enter additional Receiving Party(ies)*

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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**Application Number(s) or Patent Number(s)**

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

☐ Mark if additional numbers attached

Patent Application Number(s)

Patent Number(s)

**ASSIGNMENT OF PATENT APPLICATION**

Docket No. LOT9-2000-0036

Applicant: Brian Pulito, Mark Johnson, Brian Cline, Mark Kressin, Andrew Lochbaum and Jeff Durham  
Serial No: 09/695,193  
Filed: October 24, 2000  
For: METHOD AND APPARATUS FOR PROVIDING FULL DUPLEX AND MULTIPOINT IP AUDIO STREAMING  
Examiner: Not Yet Assigned  
Art Unit: 2664

**Whereas** we, the undersigned, have made certain inventions or discoveries (or both) set forth in the above-identified application for Letters Patent of the United States of America, and

**Whereas** International Business Machines Corporation, a New York corporation having a place of business at Armonk, New York, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

**Now, therefore**, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which is hereby acknowledged, we do hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or

Assignment 1 of 5

**PATENT**  
**REEL: 011622 FRAME: 0223**

to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

Brian Pulito Date: 2/15/01  
Brian Pulito  
Inventor

State of Kentucky } ss  
County of Wayne

On this 15<sup>th</sup> day of February, 2001, before me appeared **Brian Pulito**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Virginia L. Tasson  
Notary Public

[seal]

☒ Known to me personally

☐ Identification produced: \_\_\_\_\_

☒ Additional assignor name sheets attached.

Assignment 2 of 5

**PATENT**  
**REEL: 011622 FRAME: 0224**

# ASSIGNMENT – SUPPLEMENTAL ASSIGNOR SHEET

## Second Assignor

\_\_\_\_\_  
Date: \_\_\_\_\_

Mark Johnson  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Mark Johnson**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public [seal]

☐ Known to me personally

☐ Identification produced: \_\_\_\_\_

## Third Assignor

\_\_\_\_\_  
Date: \_\_\_\_\_

Brian Cline  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Brian Cline**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public [seal]

☐ Known to me personally

☐ Identification produced: \_\_\_\_\_

Assignment 3 of 5

**Fourth Assignor**

\_\_\_\_\_  
Date: \_\_\_\_\_

Jeff Durham  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Jeff Durham**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
[seal]

Notary Public

☐ Known to me personally

☐ Identification produced: \_\_\_\_\_

**Fifth Assignor**

\_\_\_\_\_  
Date: \_\_\_\_\_

Mark Kressin  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Mark Kressin**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
[seal]

Notary Public

☐ Known to me personally

☐ Identification produced: \_\_\_\_\_

Assignment 4 of 5



**Sixth Assignor**

Date: \_\_\_\_\_

Andrew Lochbaum  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Andrew Lochbaum**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

[seal]

☐ Known to me personally

☐ Identification produced: \_\_\_\_\_

**ASSIGNMENT OF PATENT APPLICATION**

Docket No. LOT9-2000-0036

Applicant: Brian Pulito, Mark Johnson, Brian Cline, Mark Kressin, Andrew Lochbaum and Jeff Durham  
Serial No: 09/695,193  
Filed: October 24, 2000  
For: METHOD AND APPARATUS FOR PROVIDING FULL DUPLEX AND MULTIPOINT IP AUDIO STREAMING  
Examiner: Not Yet Assigned  
Art Unit: 2664

**Whereas** we, the undersigned, have made certain inventions or discoveries (or both) set forth in the above-identified application for Letters Patent of the United States of America, and

**Whereas** International Business Machines Corporation, a New York corporation having a place of business at Armonk, New York, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

**Now, therefore**, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which is hereby acknowledged, we do hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or

Assignment 1 of 5

**PATENT**  
**REEL: 011622 FRAME: 0228**

to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

\_\_\_\_\_  
Date: \_\_\_\_\_  
Brian Pulito  
Inventor

**Second Assignor**

\_\_\_\_\_  
Date: \_\_\_\_\_  
Mark Johnson  
Inventor

**Third Assignor**

\_\_\_\_\_  
Date: \_\_\_\_\_  
Brian Cline  
Inventor

**Fourth Assignor**


\_\_\_\_\_  
Date: \_\_\_\_\_  
Jeff Durham  
Inventor

**Fifth Assignor**

  
\_\_\_\_\_  
Mark Kressin  
Inventor

Date: 2/20/01

**Sixth Assignor**

  
\_\_\_\_\_  
Andrew Lochbaum  
Inventor

Date: 2/20/01

Assignment 3 of 5

**PATENT**  
**REEL: 011622 FRAME: 0230**

**ASSIGNMENT OF PATENT APPLICATION**

Docket No. LOT9-2000-0036

Applicant:	Brian Pulito, Mark Johnson, Brian Cline, Mark Kressin, Andrew Lochbaum and Jeff Durham
Serial No:	09/695,193
Filed:	October 24, 2000
For:	METHOD AND APPARATUS FOR PROVIDING FULL DUPLEX AND MULTIPOINT IP AUDIO STREAMING
Examiner:	Not Yet Assigned
Art Unit:	2664

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1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or

Assignment 1 of 5

**PATENT**  
**REEL: 011622 FRAME: 0231**

to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

\_\_\_\_\_  
Date: \_\_\_\_\_

Brian Pulito  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Brian Pulito**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
[seal]

Notary Public

☐ Known to me personally

☐ Identification produced: \_\_\_\_\_

☒ Additional assignor name sheets attached.

Assignment 2 of 5

**PATENT**  
**REEL: 011622 FRAME: 0232**

# ASSIGNMENT – SUPPLEMENTAL ASSIGNOR SHEET

## Second Assignor

Mark Johnson Date: 2/16/01  
Mark Johnson  
Inventor

State of Ohio } ss  
County of Hamilton }

On this 16 day of February, 2001, before me appeared **Mark Johnson**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Lori Zahn  
Notary Public, State of Ohio  
My Commission Expires July 23, 2001

[seal]

☐ Known to me personally

☒ Identification produced: OH lic # RQ668038

## Third Assignor

Brian G. Cline Date: 2/16/2001  
Brian Cline  
Inventor

State of Ohio } ss  
County of Hamilton }

On this 16 day of February, 2001, before me appeared **Brian Cline**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Lori Zahn  
Notary Public, State of Ohio  
My Commission Expires July 23, 2001

[seal]

☐ Known to me personally

☒ Identification produced: Ky lic # C93520701

Assignment 3 of 5

PATENT  
REEL: 011622 FRAME: 0233

**Fourth Assignor**

Jeff Durham Date: 2-21-2001  
Jeff Durham  
Inventor

State of Kentucky }  
County of Fayette } ss

On this 21 day of Feb, 2001, before me appeared **Jeff Durham**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

May A. Peniston [seal]  
Notary Public commission expires 7-23-2004

☐ Known to me personally ☒ Identification produced: OH Driver's Lic

**Fifth Assignor**

\_\_\_\_\_  
Date: \_\_\_\_\_  
Mark Kressin  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Mark Kressin**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public [seal]  
☐ Known to me personally ☐ Identification produced: \_\_\_\_\_



**Sixth Assignor**

\_\_\_\_\_ Date: \_\_\_\_\_

Andrew Lochbaum  
Inventor

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared **Andrew Lochbaum**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public [seal]

☐ Known to me personally ☐ Identification produced: \_\_\_\_\_