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☒ Mark if additional names of conveying parties attached

Name (line 1) Roy Daron Cideciyan

Execution Date
Month Day Year
01 22 2001

Name (line 2)

Second Party

Name (line 1) Evangelos Stavros Eleftheriou

Execution Date
Month Day Year
01 22 2001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) International Business Machines Corporation

Name (line 2)

Address (line 1) New Orchard Road

Address (line 2)

Address (line 3) Armonk

New York

10504

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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Correspondent Name and Address

Area Code and Telephone Number

(202) 508-9100

Name Joseph P. Curtin

Address (line 1) BANNER & WITCOFF, LTD.

Address (line 2) 1001 G Street N.W.

Address (line 3) Eleventh Floor

Address (line 4) Washington, D. C. 20001-4597

Pages

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11

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Patent Application Number(s)

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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
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Patent Cooperation Treaty (PCT)

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

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Number of Properties

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1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

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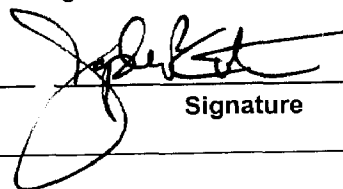
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Joseph P. Curtin, Reg. No. 34,571

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16583-U.S. PTO
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Name (line 1) Brian Harry Marcus

Execution Date
Month Day Year
12 19 2000

Name (line 2)

Name (line 1) Dharmendra Shantilal Modha

Execution Date
Month Day Year
02 23 2001

Name (line 2)

Name (line 1) Radley Wahl Olson

Execution Date
Month Day Year
01 23 2001

Name (line 2)

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Application Number(s) or Patent Number(s)

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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)

ASSIGNMENT

Whereas, we,

(1) Roy Daron CIDECIYAN

City of Ruschlikon

Country of Switzerland

(2) Evangelos Stavros ELEFThERIOU

City of Zurich

Country of Switzerland

(3) Brian Harry MARCUS

City of Los Altos

County of Santa Clara

State of California

(3) Dharmendra Shantilal MODHA

City of San Jose

County of Santa Clara

State of California

(5) Radley Wahl OLSON

City of Cupertino

County of Santa Clara

State of California

have invented PRECOMPENSATION TECHNIQUE AND MTR CODE FOR HIGH DATA RATE RECORDING

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) January 22, 2001

(2) January 22, 2001

(3) _____

(4) _____

(5) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Execution by Inventors(1) Inventor Roy Daron CIDECIYANCity/State Rüschlikon / ZurichSignature Roy Daron CideciyanDate January 22, 2001(2) Inventor Evangelos Stavros ELEFThERIOUCity/State ZürichSignature Evangelos Stavros EleftheriouDate January 22, 2001(3) Inventor Brian Harry MARCUS

City/State _____

Signature _____

Date _____

(4) Inventor Dharmendra Shantilal MODHA

City/State _____

Signature _____

Date _____

(5) Inventor Radley Wahl OLSON

City/State _____

Signature _____

Date _____

ASSIGNMENT

Whereas, we,

(1) Roy Daron CIDECIYAN

City of Ruschlikon

Country of Switzerland

(2) Evangelos Stavros ELEFThERIOU

City of Zurich

Country of Switzerland

(3) Brian Harry MARCUS

City of Los Altos

County of Santa Clara

State of California

(3) Dharmendra Shantilal MODHA

City of San Jose

County of Santa Clara

State of California

(5) Radley Wahl OLSON

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State of California

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(1) _____

(2) _____

(3) 12-19-2000

(4) _____

(5) _____

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Execution by Inventors

(1) Inventor Roy Daron CIDECIYAN City/State _____

Signature _____ Date _____

(2) Inventor Evangelos Stavros ELEFThERIOU City/State _____

Signature _____ Date _____

(3) Inventor Brian Harry MARCUS City/State San Jose / CA

Signature Brian Harry Marcus Date 12-19-2000

(4) Inventor Dharmendra Shantilal MODHA City/State _____

Signature _____ Date _____

(5) Inventor Radley Wahl OLSON City/State _____

Signature _____ Date _____

ASSIGNMENT

Whereas, we,

(1) Roy Daron CIDECIYAN

City of Ruschlikon

Country of Switzerland

(2) Evangelos Stavros ELEFThERIOU

City of Zurich

Country of Switzerland

(3) Brian Harry MARCUS

City of Los Altos

County of Santa Clara

State of California

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(1) _____

(2) _____

(3) _____

(4) **February 23, 2001**

(5) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Execution by Inventors

(1) Inventor Roy Daron CIDECIYAN City/State _____

Signature _____ Date _____

(2) Inventor Evangelos Stavros ELEFThERIOU City/State _____

Signature _____ Date _____

(3) Inventor Brian Harry MARCUS City/State _____

Signature _____ Date _____

(4) Inventor Dharmendra Shantilal MODHA City/State SAN JOSE, CA

Signature  Date FEB 23, 2001

(5) Inventor Radley Wahl OLSON City/State _____

Signature _____ Date _____

ASSIGNMENT

Whereas, we,

(1) Roy Daron CIDECIYAN

City of Ruschlikon

Country of Switzerland

(2) Evangelos Stavros ELEFThERIOU

City of Zurich

Country of Switzerland

(3) Brian Harry MARCUS

City of Los Altos

County of Santa Clara

State of California

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(1) _____

(2) _____

(3) _____

(4) _____

(5) January 23, 2001

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(3) Inventor Brian Harry MARCUS City/State _____

Signature _____ Date _____

(4) Inventor Dharmendra Shantilal MODHA City/State _____

Signature _____ Date _____

(5) Inventor Radley Wahl OLSON City/State Cupertino, CA

Signature Radley Wahl Olson Date 23 January, 2001