Docket No.: YOR20010126US2 02-20-2002 U.S. DEPARTMENT OF COMMERCE HEET FORM PTO-1595 (Modified) (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02 101987366 Tab settings → → ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 1) Tetsuo Shibuya Name: International Business Machines Corporation 2) Isidore Rigoutsos Address: New Orchard Road 3. Nature of conveyance: ☐ Merger ■ Assignment City: Armonk _____State/Prov.: NY ☐ Change of Name Security Agreement ZIP: 10504 Country: USA ☐ Other Execution Date: 1) 1/30/02, 2) 1/29/02 Additional name(s) & address(es) attached? ☐ Yes X No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: 1)1/30/02, 2) 1/29/02 B. Patent No.(s) Filing date Patent Application No. 02/19/2002 GTDN11 00000218 500510 10059421 01 FC:581 40.00 CH Additional numbers attached? 🔲 Yes 🔀 No 6. Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: _____ 7. Total fee (37 CFR 3.41):.....\$ 40.00 Name: Phillip E. Miller ☐ Enclosed - Any excess or insufficiency should be Registration No. 46,060 credited or debited to deposit account Address: McGinn & Gibb, PLLC Authorized to be charged to deposit account 8321 Old Courthouse Road, Suite 200 8. Deposit account number: City: Vienna State/Prov.: VA 50-0510 Country: <u>USA</u> ZIP: <u>22182-3817</u> DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy 9. Statement and signature. of the original document. January 31, 2002

Phillip E. Miller

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

REEL: 012578 FRAME: 0748

Signature

Date

YOR920010126US2

ASSIGNMENT

Whereas, we

Inventor and City

(1)Tetsuo Shibuya County of JAPAN

(2)Isidore Rigoutsos Country of Queens City of Yamato-shi

and Prefecture of Kanagawa-ken

City of Astoria

and State of New York

have invented certain improvements in

Title

SYSTEM AND METHOD FOR IDENTIFYING GENES

Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1) O/BO/2002, and (2)

2002.

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 invention 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.

City	(1) Signed at Ya mato, Kamaga	wa Jets	19		
Date	on 01/30/2002_	signature (Tetsuo First Name	Middle Initial	Shibuya) inventor Last Name	1
City	(2) Signed at				
Date	on	signature (Isidore First Name	Middle Initial	Rigoutsos) invent Last Name	tor

Page 1 of 1

PATENT REEL: 012578 FRAME: 0749

ASSIGNMENT

Whereas, we

inventor and City

(1) Tetsuo Shibuya Country of JAPAN City of Yamato-shi and Prefecture of Kanagawa-ken

(2) Isidore Rigoutsos County of Queens

RECORDED: 01/31/2002

City of Astoria and State of New York

have invented certain improvements in

Title

SYSTEM AND METHOD FOR IDENTIFYING GENES

Dates That Inventors Signed the Declaration

(1)

and have executed, respectively, a United States patent application therefor on

2002, and (2) (4) / 2002.

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 invention 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.

City	(1) Signed at				
Date	θN	signature (Tetsuo First Name	Middle Initial	Shibuya) Last Name	invento
City Date	(2) Signed at $AAAAA$, AY on $AAAAA$	signature (lsidore First Name	Middle Initial	Rigoutsos) Last Name	invento

Page

PATENT REEL: 012578 FRAME: 0750