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COVER SHEET LY

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102595529 Juner of Patents and Trademarks:

Please cached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): IOANA BOIER-MARTIN, JINGYI JIN, HOLLY E. RUSHMEIER, FAUSTO BERNARDINI Name: International Business Machines Corporation Address: New Orchard Road Armonk, NY 10504 Additional name(s) & addresses attached? ___ Yes __X No Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: 4. Patent Application number(s) X Assignment Execution Date(s): October 24, 2003 and Execution Date(s): October 24, 2003 and October 27, 2003 October 27, 2003 5. Name and address of party to 6. Total number of applications whom correspondence concerning involved: 1 document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 LOUIS J. PERCELLO Address: IBM Corporation Intellectual Property Law X Charge to Deposit Account No.: P.O. Box 218 09-0468 Yorktown Heights, NY 10598

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> **PATENT** REEL: 014658 FRAME: 0395

Express Mail: EV309868777US Date of Deposit: October 29, 2003

ASSIGNMENT

Whereas, I,

| INVENTOR AND CITY | (1) | IOANA M. BOIER-MARTIN County of Westchester | of and | Pelham Manor, State of New York |
|----------------------|-----|---|-----------|------------------------------------|
| INVENTOR AND CITY | (2) | JINGYI JIN County of Champaign | of and | Champaign State of Illinois |
| INVENTOR | (3) | HOLLY E. RUSHMEIER | of | Mount Kisco, |
| AND CITY | | County of Westchester | and | State of New York |
| INVENTOR | (4) | FAUSTO BERNARDINI | of | New York, |
| AND CITY | | County of New York | and | State of New York |

have invented certain improvements in

TITLE

SYSTEM, METHOD, AND PROGRAM PRODUCT FOR EXTRACTING A MULTIRESOLUTION QUADRILATERAL-BASED SUBDIVISION SURFACE REPRESENTATION FROM AN ARBITRARY TWO-MANIFOLD POLYGON MESH

DATE THAT and executed, a United States patent application therefor on

DECLARATION

(1) 10/24, 2003, (2) ,2003, (3) 10/27, 2003, (4) 10/24, 2003. **WAS SIGNED**

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, I, the above named, hereby sell, assign and transfer to IBM, its successors

> **PATENT** REEL: 014658 FRAME: 0396

and assigns, the entire right, title and interest in the said application and the 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, it successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

| Signed and Sealed | | | | | | |
|-------------------|-----------|------------------------------|------|---------------|-----------------|--------------------------------|
| CITY | (1) | at HAWTHORNE | , NY | 711 Bover Has | th | Signature |
| DATE | on | 10/24/ 2003, | | | IARIA M. | BOIER-MARTIN LAST NAME |
| CITY | (2) | at | , IL | | | Signature |
| DATE | on | 2003, | | JINGYI | | JIN |
| | | | | FIRST NAME | M. | LAST NAME |
| CITY DATE | (3) on | at HAWTHORN E 10/27/2003, | , NY | HOLLY | lus E. M. | Signature RUSHMEIER LAST NAME |
| CITY DATE | (4) on | at HAWTHORNE 10/24 2003, | , NY | FAUSTO COL | M. | Signature BERNARDINI LAST NAME |

PATENT REEL: 014658 FRAME: 0397 (SOLE FORM)

(IBM DOCKET NO. YOR920030564US1)

Express Mail: EV309868777US Date of Deposit: October 29, 2003

ASSIGNMENT

| W | hereas | i. I. |
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| | (1) | IOANA M. BOIER-MARTIN | of | Pelham Manor, |
|----------|-----|-----------------------|-----|-------------------|
| AND CITY | | County of Westchester | and | State of New York |
| INVENTOR | (2) | JINGYI JIN | of | Champaign |
| AND CITY | • • | County of Champaign | and | State of Illinois |
| INVENTOR | (3) | HOLLY E. RUSHMEIER | of | Mount Kisco, |
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DATE THAT and executed, a United States patent application therefor on

| DECLARATION | | | | |
|-------------|-----|---------|----------|---------------|
| WAS SIGNED | (1) | , 2003, | (2) Octo | per 24, 2003, |
| | (3) | , 2003, | (4) | , 2003. |

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, I, 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 the invention

PATENAGE, 02

REEL: 014658 FRAME: 0398

therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, it successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

| Signe | d and Sealed | | | | | |
|--------------|--------------------------------|----------------------|------|----------------------|---------------------|--|
| CITY | (1) at | 2003, | , NY | IOANA FIRST NAME | MARIA M. | signature BOIER-MARTIN LAST NAME |
| CITY DATE | (2) at Champe on October 24 | vign 2003, | , IL | JINGYI FIRST NAME | ў. м. | Signature JIN LAST NAME |
| CITY | (3) at | 2003, | , NY | HOLLY FIRST NAME | E. M. | signature RUSHMEIER LAST NAME |
| CITY | (4) at on | 2003, | , NY | FAUSTO FIRST NAME | M. | Signature BERNARDINI LAST NAME |

PATENT^{GE. Ø3}
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