# Electronic Version v1.1

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## PATENT REEL: 020355 FRAME: 0216

PATENT REEL: 020355 FRAME: 0217

### ASSIGNMENT

#### Docket No. YOR920070675US1

#### Whereas, we

INVENTOR AND CITY

(1) Mark Alan Brodie County of Westchester and (2) Ashwin Lall County of Monroe and (3) Anca Sailer County of Westchester

of Briarcliff, and State of New York, of Rochester, and State of New York, of Scarsdale, and State of New York,

have invented certain improvements in

# TITLE METHOD AND APPARATUS FOR DETERMINING OPTIMIZED RESOLUTIONS FOR INFRASTRUCTURES

 DATES THAT
 and executed, respectively, a United States patent application therefor on

 INVENTORS
 SIGNED THE

 SIGNED THE
 (1)

 DECLARATION
 (3)

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 in all 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.

Signed and sealed

on Jan 10, 2008

Mark Alan Brodie

Ashwin Lall fladys de

Anca Sailer

on\_0//10/\_\_\_,2008

PATENT REEL: 020355 FRAME: 0218

## ASSIGNMENT

### Docket No. YOR920070675US1

Whereas, we

INVENTOR AND CITY

(1) Mark Alan Brodie County of Westchester and (2) Ashwin Lall County of Monroe and (3) Anca Saller County of Westchester

of Briarcliff, and State of New York, of Rochester, and State of New York, of Scarsdale, and State of New York,

have invented certain improvements in

# TITLE METHOD AND APPARATUS FOR DETERMINING OPTIMIZED RESOLUTIONS FOR INFRASTRUCTURES

INVENTORS	and executed, respectively, a United States patent application therefor on
SIGNED THE	(1), 2008, (2) 10th JANUARY , 2008,
DECLARATION	(3), 2008.

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 in all foreign countries, and all rights of priority resulting from the filling 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.

Signed and sealed

 Mark Alan Brodie
 on \_\_\_\_\_\_, 2008

 Arm dam.
 on \_\_\_\_\_\_, 2008

 Ashwin Lall
 on \_\_\_\_\_\_, 2008

 Anca Sailer
 on \_\_\_\_\_\_, 2008

PATENT REEL: 020355 FRAME: 0219

**RECORDED: 01/11/2008**