



Docket No. ROC920080255US1

## ASSIGNMENT

Whereas, we

|     |   |   |
|-----|---|---|
| (1) | Jeffrey S. McAllister<br>County of Ramsey | City of St. Paul,<br>and State of Minnesota,  |
| (2) | Nelson Ramirez<br>County of Olmsted       | City of Rochester,<br>and State of Minnesota, |

have invented certain improvements in

## REAL TIME MOTION INFORMATION CAPTURE IN AN MRI ENVIRONMENT

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

### Dates Inventors

Signed (1) October 22, 2009 (2) October 28, 2009  
Declaration

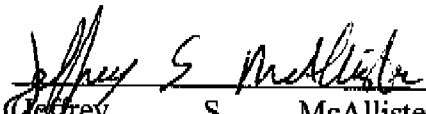
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

Docket No. ROC920080255US1

**Signed**

Inventor  
(1) at St. Paul, Minnesota  
on Oct 22, 2009.

  
(Jeffrey S. McAllister) Inventor  
First Name Initial Last Name Signature

Inventor  
(2) at Rochester, Minneosta  
on 10-28, 2009.

  
(Nelson Ramirez) Inventor  
First Name Last Name Signature

IBM Docket No. ROC920080255US1

## ASSIGNMENT

Whereas, we,

**David S. Lake,**  
County of **Olmsted,**

City of **Rochester,**  
State of **Minnesota,** and

**Armando Manduca,**  
County of **Olmsted,**

City of **Rochester,**  
State of **Minnesota,**

have invented certain improvements in

### REAL TIME MOTION INFORMATION CAPTURE IN AN MRI ENVIRONMENT

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

Dates

Inventors (1) **October 6**, 2009, and (2) **October 6**, 2009.

Signed

Declaration

And whereas, MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a corporation of Minnesota, having a place of business at Rochester, Minnesota 55905, 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 MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, its successors and assigns; and I hereby agree that MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, 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 MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH.

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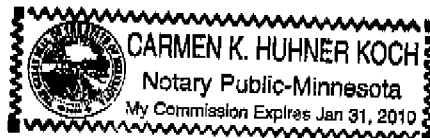
**Signed**

Inventor  
(1) at Rochester, Minnesota  
on 10/6, 2009.

David S. Lake Inventor  
( David S. Lake ) Signature  
First Name Initial Last Name

Inventor  
(2) at Rochester, Minnesota  
on 10/6, 2009.

Armando Manduca Inventor  
(Armando Manduca) Signature  
First Name Last Name



Carmen K. Huhner Koch  
10/6/09



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|-------|-----------------------------------|---------------------|--------------|---------------------|
| From: | William J. McGinnis               | IBM Rochester IPLaw | 507-253-5331 | 507-253-2382        |
| To:   | <u>Assignment Division, USPTO</u> |                     |              | <u>571-273-0140</u> |

Subject: Assignment with Recordation Cover SheetOur Ref.: Serial No. 12/612,143 /Docket No. R06920080255481**PATENT****REEL: 023482 FRAME: 0028**

