

DOCKET: BEA9200300070U1

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PATENTS ONLY Patent & Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Jason C. Young Rajagopal Ananthanarayanan Randal C. Burns Darrell D.E. Long Robert M. Rees Ralph A. Becker-Szendy James J. Seeger David M. Wolfe</p> <p>Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>International Business Machines Corporation</b></p> <p>Street Address: <b>New Orchard Road</b> City: <b>Armonk</b> State: <b>NY</b> ZIP: <b>10504</b></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of conveyance:

XX Assignment Execution Date: 4/29/03, 3/18/04, 6/06/03, 6/26/03, 3/18/04, 6/26/03, 4/29/03, 4/29/03


4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

<p>A. Patent Application No.(s)</p> <p>10/427,391</p>	<p>*</p> <p>*</p> <p>*</p>	<p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: IBM Corporation Internal Address: Intellectual Property Law Street Address: 5600 Cottle Road (L2PA/010) San Jose, CA 95193</p>	<p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p>	<p>6. Total Number of applications and patents involved: <b>One</b></p> <p>7. Total fee (37 CFR 3.41).....\$ <b>40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account Number: 09-0466</p>
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9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
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 William D. Gill  
 Total number of pages including cover sheet, attachments, and document: /\_19\_/

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 03/19/04  
 Date

CH \$40.00 090466 10427391

BEA9-2003-0007-US1

## ASSIGNMENT OF PATENT APPLICATION

Whereas, we,

**Jason C. Young,**  
County of Washington,

City of Portland,  
and State of Oregon

**Rajagopal Ananthanarayanan,**  
County of \_\_\_\_\_,

City of Milpitas,  
and State of California

**Randal C. Burns,**  
County of \_\_\_\_\_,

City of Washington,  
and State of District of Columbia

**Darrell D.E. Long,**  
County of Santa Cruz,

City of Soquel,  
and State of California

**Robert M. Rees,**  
County of Santa Clara,

City of Los Gatos,  
and State of California

**Ralph A. Becker-Szendy,**  
County of \_\_\_\_\_,

City of Los Gatos,  
and State of California

**James J. Seeger**  
County of Washington,

City of Portland,  
and State of Oregon

**David M. Wolfe**  
County of Washington

City of Portland  
and State of Oregon

have invented certain improvements in

### Managing Filesystem Versions

Assignment

BEA9-2003-0007-US1

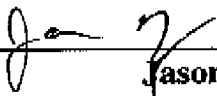
and have executed, respectively, a United States patent application therefor on

29 April 2003.

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, 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 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, its 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 at Beaverton, Oregon, this 29 day of April, 2003.

  
\_\_\_\_\_  
Jason C. Young

\_\_\_\_\_  
Rajagopal Ananthanarayanan

\_\_\_\_\_  
Randal C. Burns

Assignment

BEA9-2003-0007-US1

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**Darrell D.E. Long**

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**Robert M. Rees**

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**Ralph A. Becker-Szendy**

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*James J. Seeger*  
**James J. Seeger**

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*David M. Wolfe*  
**David M. Wolfe**

Assignment

**PATENT**  
**REEL: 014445 FRAME: 0531**

BEA9-2003-0007-US1

## ASSIGNMENT OF PATENT APPLICATION

Whereas, we,

**Jason C. Young,**  
County of \_\_\_\_\_,

City of Portland,  
and State of Oregon

**Rajagopal Ananthanarayanan,**  
County of SANTA CLARA

City of Milpitas,  
and State of California

**Randal C. Burns,**  
County of \_\_\_\_\_,

City of Washington,  
and State of District of Columbia

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County of Santa Cruz,

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County of Santa Clara,  
**Ralph A. Becker-Szendy,**

City of Los Gatos,  
and State of California  
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and State of California

County of \_\_\_\_\_,  
**James J. Seeger**  
County of \_\_\_\_\_,

City of Portland,  
and State of Oregon

**David M. Wolfe**  
County of Washington

City of Portland  
and State of Oregon

have invented certain improvements in

**Managing Filesystem Versions**

Assignment

\_\_\_\_\_

PATENT

REEL: 014445 FRAME: 0532

BEA9-2003-0007-US1

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

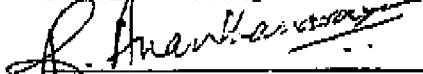
3/18/04

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;

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Signed at CERN, SWITZERLAND, this 18<sup>th</sup> day of MARCH, 2004

Jason C. Young



Rajagopal Ananthanarayanan

Randal C. Burns

Assignment

BEA9-2003-0007-US1

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Darrell D.E. Long

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Robert M. Rees

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Ralph A. Becker-Szendy

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James J. Seeger

---

David M. Wolfe

Assignment

PATENT  
REEL: 014445 FRAME: 0534

BEA9-2003-0007-US1

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Whereas, we,

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County of \_\_\_\_\_,

City of Portland,  
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County of Washington

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and State of Oregon

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BEA9-2003-0007-US1

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6/27/2003

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Signed at Beaverton, Oregon, this 6<sup>th</sup> day of June, 2003

\_\_\_\_\_  
**Jason C. Young**

\_\_\_\_\_  
**Rajagopal Ananthanarayanan**

  
\_\_\_\_\_  
**Randal C. Burns**

Assignment

BEA9-2003-0007-US1

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and State of California

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**David M. Wolfe**  
County of Washington

City of Portland  
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have invented certain improvements in

## Managing Filesystem Versions

Assignment

BEA9-2003-0007-US1

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

26 June 2003.

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Signed at Beaverton, Oregon, this 26 day of June, 2003.

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**Jason C. Young**

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**Rajagopal Ananthanarayanan**

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**Randal C. Burns**

Assignment

**PATENT**  
**REEL: 014445 FRAME: 0538**

BEA9-2003-0007-US1



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**Darrell D.E. Long**

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**Robert M. Rees**

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**Ralph A. Becker-Szendy**

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**James J. Seeger**

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**David M. Wolfe**

Assignment

BEA9-2003-0007-US1

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County of \_\_\_\_\_,

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County of Washington

City of Portland  
and State of Oregon

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**Managing Filesystem Versions**

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on

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States application, and I request the Commissioner of Patents to issue any  
Letters Patent granted upon the invention set forth in said application to  
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Signed at San Jose, California, this 18 day of March, 2004.

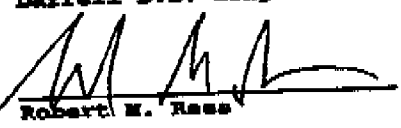
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Jason C. Young

\_\_\_\_\_  
Rajagopal Ananthanarayanan

\_\_\_\_\_  
Randal C. Burns

Assignment

BEA9-2003-0007-US1

Darrell D.E. Long  
  
Robert M. Rasmussen

Ralph A. Becker-Brandy

James J. Haeger

David M. Wolfe

Assignment

BEA9-2003-0007-US1

# ASSIGNMENT OF PATENT APPLICATION

Whereas, we,

**Jason C. Young,**  
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and State of Oregon

**Rajagopal Ananthanarayanan,**  
County of \_\_\_\_\_,

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and State of California

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BEA9-2003-0007-US1

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26-Jun-2003

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Signed at Beaverton, Oregon, this 26 day of Jun, 2003

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**Jason C. Young**

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**Rajagopal Ananthanarayanan**

---

**Randal C. Burns**

Assignment

PATENT  
REEL: 014445 FRAME: 0544

BEA9-2003-0007-US1

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**Darrell D.E. Long**

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**Robert M. Rees**

---

*Becker Szendy*

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**Ralph A. Becker-Szendy**

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**James J. Seeger**

---

**David M. Wolfe**

Assignment

RECORDED: 03/19/2004

PATENT  
REEL: 014445 FRAME: 0545  
\*\*\* TOTAL PAGES: 15 \*\*\*