

PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>William A. Bostic</td><td>12/12/2011</td></tr><tr><td>Randall R. Heisch</td><td>12/13/2011</td></tr><tr><td>Venkat R. Indukuru</td><td>12/12/2011</td></tr><tr><td>Allan E. Johnson</td><td>12/13/2011</td></tr><tr><td>Jesse L. Sathre</td><td>12/13/2011</td></tr><tr><td>Philip L. Vitale</td><td>12/13/2011</td></tr></tbody></table>		Name	Execution Date	William A. Bostic	12/12/2011	Randall R. Heisch	12/13/2011	Venkat R. Indukuru	12/12/2011	Allan E. Johnson	12/13/2011	Jesse L. Sathre	12/13/2011	Philip L. Vitale	12/13/2011
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<table border="1"><tr><td>Name:</td><td>INTERNATIONAL BUSINESS MACHINES CORPORATION</td></tr><tr><td>Street Address:</td><td>NEW ORCHARD ROAD</td></tr><tr><td>City:</td><td>ARMONK</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>		Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	Street Address:	NEW ORCHARD ROAD	City:	ARMONK	State/Country:	NEW YORK	Postal Code:	10504				
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CORRESPONDENCE DATA															
Fax Number: (972)733-1575															
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Email: whitton@walderiplaw.com															
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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ATTORNEY DOCKET NUMBER:	AUS920110324US1														

CH \$40.00 13325253

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PATENT  
REEL: 027383 FRAME: 0012

NAME OF SUBMITTER:

Stephen J. Walder, Jr.

**Total Attachments: 12**

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**ASSIGNMENT**

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[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature: William A. Bostic Date: 12/12/2011  
William A. Bostic

Executed by Inventor 2

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Randall R. Heisch

Executed by Inventor 3

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Venkat R. Indukuru

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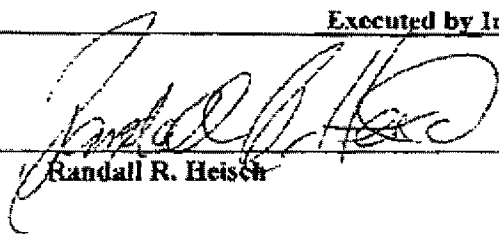
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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**William A. Bostic**

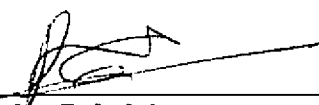
**Executed by Inventor 2**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Randall R. Heisch**

**Executed by Inventor 3**

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Signature:  \_\_\_\_\_ Date: 12/2/2011  
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**Executed by Inventor 4**

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Signature: Phillip L. Vitale Date: 13 DEC 2011  
Phillip L. Vitale