

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Akram A. Bou-Ghannam	12/19/2003
Gerald M. McCobb	12/19/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	International Business Machines Corporation
<b>Street Address:</b>	New Orchard Road
<b>City:</b>	Armonk
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12135651
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<b>ATTORNEY DOCKET NUMBER:</b>	BOC920030086US2
<b>NAME OF SUBMITTER:</b>	Jeanine S. Ray-Yarletts
<b>Total Attachments: 1</b> source=BOC920030086US2_Assignment#page1.tif	

CH \$40.00 12135651

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**PATENT**  
**REEL: 022690 FRAME: 0778**

Docket No.: BOC9-2003-0086 (457)

ASSIGNMENT

WHEREAS, we:

- (1) Akram A. Bou-Ghannam Of Lake Worth  
County of Palm Beach and State of Florida
- (2) Gerald M. McCobb Of Delray Beach  
County of Palm Beach and State of ~~Texas~~ Florida

have invented certain improvements in

MANAGING APPLICATION INTERACTIONS USING  
DISTRIBUTED MODALITY COMPONENTS

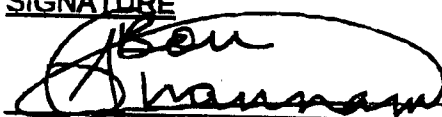
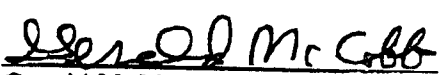
and executed a United States patent application therefore on the following date(s):

- (1) Dec. 19, 2003
- (2) Dec. 19, 2003

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on 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:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Boca Raton, FL</u>	<u>12/19/2003</u>	 Akram A. Bou-Ghannam
(2)	<u>BOCA RATON, FL</u>	<u>12/19/2003</u>	 Gerald M. McCobb