Electronic Version v1.1

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Street Address: I City: / State/Country: I	DATA N Y International Busine New Orchard Road	ASSIGNMENT	Execution Date 05/17/2006 05/10/2006 06/02/2006 05/22/2006	
Hanumaiah Chowdary Amber Roy-Chowdhury Srikanth Thirumalai Ajamu Wesley RECEIVING PARTY DA Name: Street Address: City: State/Country:	y ATA International Busine New Orchard Road		05/17/2006 05/10/2006 06/02/2006	
Amber Roy-Chowdhury Srikanth Thirumalai Ajamu Wesley RECEIVING PARTY DA Name: Street Address: City: State/Country:	y ATA International Busine New Orchard Road		05/17/2006 05/10/2006 06/02/2006	
Amber Roy-Chowdhury Srikanth Thirumalai Ajamu Wesley RECEIVING PARTY DA Name: Street Address: City: State/Country:	ATA International Busine New Orchard Road	ss Machines Corporation	05/10/2006	
Srikanth Thirumalai Ajamu Wesley RECEIVING PARTY DA Name: Street Address: City: State/Country:	ATA International Busine New Orchard Road	ss Machines Corporation	06/02/2006	
Ajamu Wesley RECEIVING PARTY DA Name: Street Address: City: State/Country:	International Busine New Orchard Road	ss Machines Corporation		
RECEIVING PARTY DA	International Busine New Orchard Road	ss Machines Corporation	05/22/2006	
Name: I Street Address: I City: I State/Country: I	International Busine New Orchard Road	ss Machines Corporation		
Street Address: I City: / State/Country: I	New Orchard Road	ss Machines Corporation		
City: / State/Country: /				
State/Country:	Armonk			
		Armonk		
Postal Code:	NEW YORK			
	Postal Code: 10504			
PROPERTY NUMBERS Total: 1				
Application Number: 11422098				
CORRESPONDENCE DATA Fax Number: (561)423-9295 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (561) 868-1819 Email: kcuenot@cfpatents.com Correspondent Name: Cuenot & Forsythe, L.L.C. Address Line 1: 12230 Forest Hill Blvd., Ste. 120 Address Line 4: Wellington, FLORIDA 33414				
ATTORNEY DOCKET NUMBER: CAM9-2006-0003-8150-0013				
NAME OF SUBMITTER	NAME OF SUBMITTER: Kevin T. Cuenot			
Total Attachments: 8 source=Assignment#page1.tif 500111061 REEL: 017720 FRAME: 0154				

PATENT REEL: 017720 FRAME: 0155

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Docket No. CAM9-2006-0003-8150-0013

ASSIGNMENT

WHEREAS, I:

(1)	Hanumaiah Chowdary County of San Mateo	Of Foster City And State of California
(2)	Amber Roy-Chowdhury County of Wake	Of Cary And State of North Carolina
(3)	Srikanth Thirumalai County of King	Of Clyde Hill And State of Washington
(4)	Ajamu Wesley County of Middlesex	Of Marlborough And State of Massachusetts

have invented certain improvements in

AUTOMATIC GENERATION OF PORTLETS FOR VISUALIZING DATA BY EXPLOITING OBJECT RELATIONSHIPS

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



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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on 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 AND SEALED:

Page 1 of 2

	LOCATION	DATE	SIGNATURE
(1)	Ester city. ca, USA	05/17/06	HANUMAIAH CHOWDARY
(2)			AMBER ROY-CHOWDHURY
(3)			SRIKANTH THIRUMALAI
(4)	<u> </u>	 ,	AJAMU WESLEY

Page 2 of 2

2006-05-10 12:27

USRTPL5X

Docket No. CAM9-2006-0003-8150-0013

ASSIGNMENT

WHEREAS, I:

(1)	Hanumaiah Chowdary County of San Mateo	Of Foster City And State of California
(2)	Amber Roy-Chowdhury County of Wake	Of Cary And State of North Carolina
(3)	Srikanth Thirumalai County of King	Of Clyde Hill And State of Washington
(4)	Ajamu Wesley County of Middlesex	Of Mariborough And State of Massachusetts

have invented certain improvements in

AUTOMATIC GENERATION OF PORTLETS FOR VISUALIZING DATA BY EXPLOITING OBJECT RELATIONSHIPS

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

(1)	
(2)	May 10, 2006
(3)	
(4)	

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 JBM), 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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on 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 AND SEALED:

Page 1 of 2

	LOCATION	<u>DATE</u>	SIGNATURE
(1)			HANUMAIAH CHOWDARY
(2)	Durham, NC	May 10, 2006	Amber Ray Chow Shung AMBER ROY-CHOWDHURY
(3)	<u>.</u>		SRIKANTH THIRUMALAI
(4)		<u> </u>	AJAMU WESLEY

Page 2 of 2

Jun. 2. 2006 3:59PM

No. 2735 P. 6

Docket No. CAM9-2006-0003-8150-0013

ASSIGNMENT

WHEREAS, I:

(1)	Hanumaiah Chowdary County of San Mateo	Of Foster City And State of California
(2)	Amber Roy-Chowdhury County of Wake	Of Cary And State of North Carolina
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(4)	Ajamu Wesley County of Middlesex	Of Marlborough And State of Massachusetts

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

(1)	
(2)	
(3)	6/2/2006
(4)	

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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on 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.

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Page 1 of 2

Jun. 2. 2006 3:59PM

No. 2735 P. 7

Docket No. CAM9-2006-0003-8150-0013

	LOCATION	DATE	SIGNATURE
(1)		···	HANUMAIAH CHOWDARY
(2)			AMBER ROY-CHOWDHURY
(3)	Clyde Hill WA	6/2/2006	ZAHANA SRIKANTH THIRUMALAI
(4)			AJAMU WESLEY

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Page 2 of 2

ASSIGNMENT

WHEREAS, I:

(1)	Hanumaiah Chowdary County of San Mateo	Of Foster City And State of California
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Page 1 of 2

	LOCATION	DATE	SIGNATURE
(1)			HANUMAIAH CHOWDARY
(2)		- <u></u>	AMBER ROY-CHOWDHURY
(3)		<u>_</u>	SRIKANTH THIRUMALAI
(4)	Westerral Mg.	W-54223006	A Arm

Page 2 of 2

RECORDED: 06/05/2006