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Form PTO-1595 (Ref. 6-93) OMB No. 0651-0011 (exp. 1/94) RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				
To the Honorable Commissioner of Patents and Trademarks: Pleas	· · · · · · · · · · · · · · · · · · ·			
TO THE PROPERTY OF THE PROPERT	o record the discourse original deservations			
Name of conveying party(ies):	Name and address of receiving party(ies)			
Mark C. Astley (signed 11/15/04), Andrew D. J. Banks (signed 11/18/04), David Ware (signed 11/18/04), Michael J. Ward (signed 11/15/04), Sumeer Bhola (signed 11/15/04), Ignacio Silva-Lepe (signed 11/12/04)	International Business Machines Corp. New Orchard Road Armonk, NY 10504			
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No				
Nature of conveyance:				
Tractary or conveyance	Additional name(s) & address(es) attached? ☐ Yes ☒ No			
☐ Security Agreement ☐ Change of Name				
Other				
Execution Dates: November 15, 2004, November 18, 2004, November 18, 2004, November 15, 2005, November 15, 2004 and November 12, 2004				
4 A - li-tim much or(a) or not ont much or(a):				
4. Application number(s) or patent number(s):	n ontor the data the natent was signed by the first			
If this document is being filed together with a new application, enter the date the patent was signed by the first				
named executing inventor.	B. Patent No.(s)			
A. Patent Application No.(s) 10/980,034	D. Faterit No.(3)			
Additional numbers attached	I 12 □ Vos 1 No			
Name/address of party to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed	involved 1			
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Name: Ido Tuchman, Esq.	7. Total fee (37 CFR 3.41)\$ 40.00			
Internal Address:				
	☐ Enclosed			
	Authorized to be charged to deposit account			
Street Address: 69-60 108th Street, Suite 503	Deposit account number:			
City: Forest Hills State: NY ZIP: 11375	o. Beposit account manipor.			
Only. 1 olest 11113 Oldte. 141 211 . 17070	50-0510			
DO NOT USE THIS SPACE				
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				
Ido Tuches : (/// / Aug (//	March 8, 2005			
Ido Tuchman Name of Person Signing Signatu	ire March 8, 2005			
Total number of pages including cover sheet, attachments and documents: 3				

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

> **PATENT REEL: 015859 FRAME: 0277**

700160351

IBM Docket No. YOR920040442US1

ASSIGNMENT

WHEREAS,

- 1. Mark C. Astley residing at 18 Beacon Hill, Pompton Lakes, NJ 07442, USA;
- 2. Andrew D. J. Banks residing at Bluebells, New Road, Michelmersh, Romsey, Hampshire SO51 ONL, England;
- 3. David Ware residing at Tannery Cottage, 18 Gravel Close, Downton, England;
- 4. Michael J. Ward residing at 25 West Park Avenue, New Haven, CT 06511, USA;
- 5. Sumeer Bhola residing at 315 West 86 Street #11E, New York, NY 10024, USA;
- 6. Ignacio Silva-Lepe residing at 25 Briar Hill Drive, Putnam Valley, NY 10579, USA;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States, said application entitled A MECHANISM FOR DELIVERING MESSAGES TO COMPETING CONSUMERS and being further identified by U.S. Patent Application No. 10/980,034 and IBM Docket No. YOR920040442US1;

AND WHEREAS International Business Machines Corporation (herein called "ASSIGNEE"), a corporation organized under the laws of New York, and having an office and place of business at Armonk, New York wishes to acquire the entire right, title and interest in and to said invention and patent application and any United States and foreign patents to be obtained therefor,

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent, both foreign and domestic, which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Music Affit		Mudwel J. M. Signature	best Nov. 15, 2004 Date
Signature	Date	Signature	11 15 2004 Date
Signature	Date	Signature	Nov 12/2004 Date

PATENT REEL: 015859 FRAME: 0278

IBM Docket No. YOR920040442US1

ASSIGNMENT

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- 1. Mark C. Astley residing at 18 Beacon Hill, Pompton Lakes, NJ 07442, USA;
- 2. Andrew D. J. Banks residing at Bluebells, New Road, Michelmersh, Romsey, Hampshire SO51 ONL, England:
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AND Bunks. Signature	18 Nov 2004 Date	Signature	Date
Signature	18 th Nov 2004	Signature	Date
Signature	Date	Signature	Date

RECORDED: 03/08/2005

PATENT REEL: 015859 FRAME: 0279