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04-12-2001



Docket No.: BUR980204US2

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

TRAUE -	50947 S. 16.01
To the Honorable Commissioner of Patents and Trademarks: 1. Name of conveying party(ies): John O. Dukovic William E. Corbin, Jr. Erick G. Walton Peter S. Locke Panayotis C. Andricacos James E. Fluegel	Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name: International Business Machines Corporation Address: New Orchard Road
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
🛮 Assignment 🗆 Merger	
☐ Security Agreement ☐ Change of Name	City: Armonk State/Prov.: NY
Other	Country: USA ZIP: 10504
Execution Date: 12/15/09, 6/22/00, 6/26/00	Additional name(s) & address(es) ☐ Yes ☒ No
4. Application number(s) or registration numbers(s): If this document is being filed together with a new application Patent Application No. Filing date O4/12/2001 LMUELLER 00000044 090456 09461849 04/12/2001 LMUELLER 00000044 090456 09461849	B. Patent No.(s)
Additional numbers	☐ Yes ☒ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Howard J. Walter, Jr.	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 24, 832	☐ Enclosed - Any excess or insufficiency should be
Address: Intellectual Property Law - 972E	credited or debited to deposit account
IBM Corporation	Authorized to be charged to deposit account
1000 River Street	8. Deposit account number:
City: Essex Junction State/Prov.: VT	09-0456 24241
Country: 05452 ZIP: 05452	PATENT TRADEMARK OFFICE

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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.

Howard J. Walter, Jr. (802) 769-9555

Name of Person Signing

Total number of pages including cover sheet, attachments, and

PATENT

Whereas, we

Inventor		
and	City	

(1) John O. Dukovic County of Westchester City of Pleasantville and State of New York

and

(2) William E. Corbin, Jr. County of Orange

City of Newburgh and State of New York

and

(3) Erick G. Walton County of Chittenden

City of Underhill and State of Vermont

and

(4) Peter S. Locke County of Dutchess City of Hopewell Junction and State of New York

and

(5) Panayotis C. Andricacos County of Westchester

City of Croton-on-Hudson and State of New York

and

(6) James E. Fluegel County of Dutchess

City of Rhinebeck and State of New York

have invented certain improvements in

Title

METHOD OF CONTROLLING CHEMICAL BATH COMPOSITION IN A MANUFACTURING ENVIRONMENT

Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

6/22/00 6/22/00 -1999:--, and (2) 1999 , and (4) (3) (5)

1999 , and 1999 , and

4949 , and (6) 1999 , 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, we 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said 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.

Express Mail No. EL046032129US

Docket Number BUR980204US2

ASSIGNMENT

City	(1) Signed at Yorktown Heights, Now York on 6/12/00	(John	O.	Dukovic) signature
Date		First Name	Middle Initial	Last Name) Inventor
City	(2) Signed at	(William	E.	Corbin	signature
Date	on	First Name	Middle Initial	Last Name) inventor
City	(3) Signed at Essex Junction on 12/15/99	(Erick	G.	Walton	signature
Date		First Name	Middle Initial	Last Name) inventor
City	(4) Signed at	(Peter	S.	Locke	signature
Date	on	First Name	Middle Initial	Last Name) inventor
City Date	(5) Signed at Yorktown Height, New Yor 6(22/00)	Panayotis First Name	anayətis C. a c. Middle Initial	Andricacos) Last Name	signature inventor
City	(6) Signed at	(James	E.	Fluegel	signature
Date	on	First Name	Middle Initial	Last Name) inventor

Whereas, we

Inventor	(1) John O. Dukovic	City of Pleasantville
and City	County of Westchester	and State of New York
and	(2) William E. Corbin, Jr.	City of Newburgh
	County of Orange	and State of New York
and	(3) Erick G. Walton	City of Underhill
	County of Chittenden	and State of Vermont
and	(4) Peter S. Locke	City of Hopewell Junction
	County of Dutchess	and State of New York
and	(5) Panayotis C. Andricacos	City of Croton-on-Hudson
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(1)	1999 , and (2)	6/26/00	1999	, and
(3)	1999 , and (4)	• / -/	1999	, and
(5)	1999 , and (6)		1999	, and

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PAGE 1 OF ___2___

PATENT REEL: 011657 FRAME: 0575

City Date	(1) Signed at on	(John	0.	Dukovic	signature) inventor
		First Name	Middle Initial	Last Name	, mventor
City Date	(2) Signed at Hopewell Junions on 6/26/00	NY ULL (William First Name	E. Middle Initial	Corbin Last Name	signature) Inventor
City Date	(3) Signed at Essex Junction on 12/15/99	(Erick First Name	G. Middle Initial	Walton Last Name	signature) inventor
City Date	(4) Signed at on	(Peter First Name	S. Middle Initial	Locke Last Name	signature) inventor
City Date	(5) Signed at on	(Panayotis First Name	C. Middle Initial	Andricacos Last Name	signature) inventor
City Date	(6) Signed at on	(James First Name	E.	Fluegel	_ signature) inventor

Whereas, we

(1) John O. Dukovic City of Pleasantville Inventor County of Westchester and State of New York and City (2) William E. Corbin, Jr. City of Newburgh and and State of New York County of Orange (3) Erick G. Walton City of Underhill and County of Chittenden and State of Vermont (4) Peter S. Locke City of Hopewell Junction and County of Dutchess and State of New York (5) Panayotis C. Andricacos and City of Croton-on-Hudson County of Westchester and State of New York

(6) James E. Fluegel City of Rhinebeck
County of Dutchess and State of New York

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Dates That Inventors Signed the Declaration

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(1) 1999, and (2) 1999, and (3) 1999, and (4) 1999, and (5) 1999, and (6) 1999, 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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City	(1) Signed at	signature
Date	on	nventor
City	(2) Signed at	signature
Date	on	nventor
City Date	(3) Signed at Essex Junction on 12/15/99	ignature nventor
City	(4) Signed at	ignature
Date	on	nventor
City	(5) Signed at	ignature
Date	on	nventor
City	(6) Signed at	 ignature
Date	on	nventor

Whereas, we

Inventor and City	(1) John O. Dukovic County of Westchester	City of Pleasantville and State of New York
and	(2) William E. Corbin, Jr. County of Orange	City of Newburgh and State of New York
and	(3) Erick G. Walton County of Chittenden	City of Underhill and State of Vermont
and	(4) Peter S. Locke County of Dutchess	City of Hopewell Junction and State of New York
and	(5) Panayotis C. Andricacos County of Westchester	City of Croton-on-Hudson and State of New York
and	(6) James E. Fluegel County of Dutchess	City of Rhinebeck and State of New York

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(3) (5)	1999 , and (4) 1999 , and (6)	6/22/00	-1999	•
		0/02/00		

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PAGE 1 OF ___2___

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City Date	(2) Signed at on	signature (William E. Corbin) Inventor First Name Middle Initial Last Name
City Date	(3) Signed at Essex Junction on 12/15/99	Srue () a signature (Erick G. Walton) inventor First Name Middle Initial Last Name
City Date	(4) Signed at East Fishkill on 6/22/04	Peter S. Locke Signature First Name Middle Initial Last Name
City Date	(5) Signed at on	signature (Panayotis C. Andricacos) inventor First Name Middle Initial Last Name
City Date	(6) Signed at EAST FISHKILL on 6-22-00	Signature (James E. Fluegel) inventor First Name Middle Initial Last Name

PAGE 2 OF ___2___

RECORDED: 03/26/2001

PATENT REEL: 011657 FRAME: 0580