FORM PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No. ROC920030374US1

RECORDATION FORM COVER SHEET PATENTS ONLY

o the Honorable Commissioner of Patents and Trademarks. Pleas	e record the attached original documents or copy thereof.
1. Name of conveying party(ies): (1) Charles Edward Boice (2) Charles John Stein (3) Krishna Chaitanya Ratakonda (4) Edward Francis Westermann Additional names of conveying party(ics) attached? yes 8 no 3. Nature of Conveyance 8 Assignment	2. Name and address of receiving party(ies): Name: International Business Machines Corporation Internal Address: Street Address: New Orchard Road City Armonk State New York Zip 10504
☐ Security Agreement ☐ Change of Name ☐ Other	Additional name(s) & address(es) attached? □ yes 🗷 no
Execution Date: (1) December 18, 2003 (2) April 16, 2004 (3) April 13, 2004 (4) April 16, 2004	
4. Application number(s) or patent number(s):	
TITLE: METHOD AND APPARATUS FOR IMPLEMENTING B-P	ICTURE SCENE CHANGES
If this document is being filed together with a new application, the e	
A. Patent Application No(s).	B. Patent No(s).
ROC920030374US1 Serial No. 10/744,173	
Additional numbers att	ached? 🗆 Yes 💈 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
	7. Total fee (37 CFR 3.41): <u>\$40.00</u>
James R. Nock	□ Enclosed
IBM Corporation Intellectual Property Law Dept. 917	Authorized to be charged to deposit account
3605 Highway 52 North	☐ Total fee due
Rochester, MN 55901 507-253-4661	Any deficiencies in the enclosed fees
UVI "AUU" TUVI	8. Deposit account number:
	09-0465 for IBM Corporation
	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USI	E THIS SPACE
9. Statement and signature	
To the best of my knowledge and belief, the foregoing informatio document.	in is true and correct and any attached copy is a true copy of the original
James R. Nock, Reg. No. 42,937	April 23, 2004
Name of Person Signing Signature	Date Total number of pages comprising cover sheet:1
,	Total number of bulles combining cover more.

JOAN PENNINGTON PATENT AT 3126707864

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Docket No. ROC920030374US1

ASSIGNMENT

Whereas, we

(1)	Charles Edward Bolce County of Tioga	City of Endico <code>tt</code> , and State of New York,
(2)	Charles John Stein County of Lackawanna	City of Peckville, and State of Pennsylvania,
(3)	Krishne Chaitanya Ratakonda County of Westchester	City of Cross River, and State of New York,
(4)	Edward Francis Westermann County of Broome	City of Endicott, and State of New York

have invented certain improvements in

METHOD AND APPARATUS FOR IMPLEMENTING B-PICTURE SCENE CHANGES

and have executed, respectively, a United States patent application therefor on

Dates Inventors Signed

Declaration	(1) (3)	December	18	, 2003 , 2003		, 2003 , 2003
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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.

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PATENT REEL: 014550 FRAME: 0247

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Docket No. ROC920030374US1

Signed		\sim	
Inventor (1)	at Endicatit, NY	(Chanes Edward Boice)	nventor Signature
	on <u>Dec 18</u> , 2003.	First Name Initial Last Name	
Inventor	at		Inventor
(2)		Charles John Stein) First Name Initial Last Name	Signature
	on, 2003.	t list Marke little Lest Marke	
Inventor	at		Inventor
(3)		(Krishna Chaitanya Ratakonda) First Name Initial Last Name	Signature
	on, 2003.	First Name Initial Last Name	
Inventor	at		Inventor
(4)		(Edward Francis Westermann) First Name Initial Last Name	Signature
	on 2003	wat itamo minal cast italije	

Docket No. ROC920030374US1

ASSIGNMENT

City of Endicott

Whereas, we

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(')	County of Tioga	and State of New York,
(2)	Charles John Stein County of Lackawanna	City of Peckville, and State of Pennsylvania,
(3)	Krishna Chaitanya Ratakonda County of Westchester	City of Cross River, and State of New York,
(4)	Edward Francis Westermann County of Broome	City of Endicott, and State of New York,

have invented certain improvements in

Charles Edward Boice

METHOD AND APPARATUS FOR IMPLEMENTING B-PICTURE SCENE CHANGES

and have executed, respectively, a United States patent application therefor on

Dates Inventors Signed

Declaration (1) , 2003 (2) April 16 , 2004 (3) April 13 , 2004 (4) April 16 , 2004

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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 filling 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.

PATENT REEL: 014550 FRAME: 0249 Signed

Docket No. ROC920030374US1

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nventor	at		Inventor
(1)		(Charles Edward Boice)	Signature
	on , 2003.	First Name Initial Last Name	
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nventor	at Endicott, New York	Charles John Stein	
nventor (2)		Charles John Stein)	Signature
(2)	al	First Name Initial Last Name	Signature
	on <u>4/16/04</u> , 2004.		
invanta.	ot Housthama Nous Varie	Krishna Ratalionah	.
nventor (3)	atHawthorne, New York	(Krishna Chaitanya Ratakonda)	
(0)	450	First Name Initial Last Name	Olyriature
	on <u>APRII 13 -</u> , 2004.	\sim \sim	
lan ramakan	F N	EV. Jahar	1
nventor (4)	at <u>Endicott, New York</u>	(Edward Francis Westermann)	Inventor Signature
X '/	,	First Name Initial Last Name	oignature
	on <u>RPA-11_ 15</u> , 2004.		

RECORDED: 04/23/2004