U.S. PATENT AND TRADEMARK OFFICE

Form PTO 1595

U.S. Department of Commerce

RECORDATION FORM COVER SHEET - PATENTS ONLY

	the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy
1.	Name of conveying party(ies)	Name and address of receiving party(ies):
	 a) Theodore H. Zabel b) Jerry D. Ackaret c) Michael A. Gaynes d) Michael S. Gordon e) Nancy C. LaBianca 	Name: INTERNATIONAL BUSINESS MACHINES CORPORATION Address: New Orchard Road Armonk, NY 10504
	More names attached?Y _X_N	More names attached?Y _X_N
3.		
4.	Application number: 11/098,343 Filed: April 4, 2005 Filed with new application: Y X N	
	Execution date(s):	
	 a) June 20, 2005 b) June 13, 2005 c) July 20, 2005 d) July 26, 2005 e) July 26, 2005 	
	Additional numbers attached	ed?Y _X_N
5.	Name and address of party to whom correspondence concerning document should be mailed to:	6. Total # of applications and patents involved: 1
	Name: Jill M. Breedlove, Esq. Heslin Rothenberg Farley & Mesiti P.C. 5 Columbia Circle	7. Total fee (37 CFR 3.41): \$40.008. Charge to Deposit Account:

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9.	Statement and Signature: To the best of my knowledge and belief, the	ne foregoing information is true and correc
and	any attached copy is a true copy of the original document.	

Jill M. Breedlove	
Reg. No. 32,684	

Albany, NY 12203

Signature Signature

August 47, 2005
Date

Total number of pages including cover sheet, attachments and document: 10

Express Mail Label No. (if applicable);

Docket No.: POU920050021US1

09-0463 (IBM)

PATENT

700209997

REEL: 016783 FRAME: 0381

→ USPTO ASSIGN BRA 2004/011

IBM Docket No.: POU920050021US1 Page 1 of 2

(4)

ASSIGNMENT

Whereas, we

(1)	Theodore H. Zabel County of Westchester	of Yorktown Heights State of New York
(2)	Jerry D. Ackaret County of Washington	of Beaverton State of Oregon
(3)	Michael A. Gaynes County of Broome	of Vestal State of New York
(4)	Michael S. Gordon County of Westchester	of Yorktown Heights State of New York
	and	
(5)	Nancy C. LaBianca County of New Haven	of Yalesville State of Connecticut

have invented certain improvements in

June (20./2003 -

and executed a United States Patent Application therefor on

PACKAGING INTEGRATED CIRCUITS FOR ACCELERATED DETECTION OF TRANSIENT PARTICLE INDUCED SOFT ERROR RATES

(2) Jane (26, 2003 (2)	, (3)	, (4)	, and
(5)			
Whereas, INTERNATIONAL BUSINESS M	MACHINES CORPORAT	ΓΙΟΝ, a corporation of New Y	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 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 the 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 Patents 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 Patents 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.

Sign	ned V	A. A.
(1)	20 June 05	Theodore VI. Zabel
	20 0000 03	Executed by Yane Jones – Executrix of the Estate of deceased inventor, Theodore H. Zabel
(2)	at on	Jerry D. Ackaret

PATENT REEL: 016783 FRAME: 0382

IBM Docket No.: POU920050021US1 Page 2 of 2

(3)	at		
	on	Michael A. Gaynes	-
(4)	at	•	
	on	Michael S. Gordon	
(5)	at		
	on	Nancy C. LaBianca	

PATENT REEL: 016783 FRAME: 0383 FROM : JAT Trax Studios

FAX NO. : 5034300605

Jul. 19 2005 04:37PM P2

IBM Docket No.: POU920050621US1 Page 1 of 2

ASSIGNMENT

Wherea	s, we	78.0	, DI GIN	148 62 14 1	
	(1)	Theodore H. Zabel County of Westchester		of Yorktown Heights State of New York	
	(2)	Jerry D. Ackaret County of Washington		of Beaverton State of Oregon	
	(3)	Michael A. Gaynes County of Broome		of Vestal State of New York	
	(4)	Michael S. Gordon County of Westchester		of Yorktown Heights State of New York	
		a	nd		
	(5)	Nancy C. LaBianca County of New Haven		of Yalesville State of Connecticut	
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PA	CKAG	ing integrated circu Particle	ITS FOR ACCINDUCED SO	CELERATED DETECTION OF FT ERROR RATES	Transient
and exec	cuted a l	United States Patent Application	n therefor on		
(1)		(2) June 13	<u>1005 (3)</u>		, and
place of	busines tht, title	s at New Orchard Road, Armo and interest in the said applice	nk, New York,	PORATION, a corporation of New 10504, (hereinafter called IBM), do ion, and to any United States and fi	sires to account the
sell, assi and the i from the Patents g agree tha	gu and invention filling or granted in the IBM in	ransfer to IBM, its successors a therein disclosed for the Unit f said United States application upon the invention set forth in may apply for foreign Letters F	and assigns, the ted States and for and we request said application atents on said i	s hereby acknowledged, we, the above entire right, title and interest in the oreign countries, and all rights of post the Commissioner of Patents to it to IBM, its successors and assigns invention and we will execute all page on called upon to do so by IBM.	said application fority resulting ssue any Letters and we hereby
Signed					
(1)	at on		Execute	e H. Zabel d by Jane Jones – Executrix of the Theodore H. Zabel	Estate of deceased
(2)	ou Jan	wedon, 016	Jerry D.	Ackaret	

09/13/2005 12:41 FAX 518 452 5579

HESLIN ROTHENBERG

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FROM : JAT Trax Studios FAX NO. : 5034300605

Jul. 19 2005 04:38PM P3

IBM Docket No.: POU920059021US1 Page 2 of 2

(3)	at		
	on	Michael A. Gaynes	
(4)	at		
	on	Michael S. Gordon	
(5)	at		
	оп	Nancy C. LaBianca	

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IBM Docket No.: POU920050021UST Page 1 of 2

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Wher	cas, we	AQ	OXGRAEN (
	(t)	Theodorc II. Zabel County of Westchester	of Yorktown Heights State of New York
	(2)	Jerry D. Ackaret County of Washington	of Beaverton State of Oregon
	(3)	Michael A. Gaynes County of Broome	of Vestal State of New York
	(4)	Michael S. Gordon County of Westchester	of Yorktown Heights State of New York
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	(5)	Nancy C. LaBianca County of New Haven	of Yalesville State of Connecticut
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and ex	couted a	United States Patent Applicatio	n therefor on
(1)		, (2)	, (3) Quy 70, 7005 , (4), and
(5)	·	,	
Now it sell, as and the from the Patents	right, title ed therefo increfore, the sign and to invention of filing o stranted to	and interest in the said applicar; for a valuable consideration, recramsfer to IBM, its successors and therein disclosed for the United States application upon the invention set forth in second	CHINES CORPORATION, a corporation of New York, having a sk, New York, 10504, (hereinafter called IBM), desires to acquire the tion and invention, and to any United States and foreign patents to be reipt whereof is hereby acknowledged, we, the above named, hereby and assigns, the entire right, title and interest in the said application and States and foreign countries, and all rights of priority resulting, and we request the Commissioner of Patents to issue any Letters aid application to IBM, its successors and assigns; and we hereby
WE1 1	tion with	HAY ADDLY FOR LOTCION I CINCIS L'	atents on said invention and we will execute all papers necessary in pplications when called upon to do so by IBM.
-			
(1)	on		Theodore H. Zabel Executed by Jane Jones – Executrix of the Estate of deceased inventor, Theodore H. Zabel
(2)	at	-	
	OII		Jerry D. Ackarer

Jerry D. Ackaret

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IBM Docket No.: POU920050021US1 Page 2 oF2

(3)	on July 20, 2005	Michael A. Gaynes
(4)	at	Michael S. Gordon
(5)	aton	Nancy C. LaBianca

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IBM Docket No.: POU920050021US1 Page I of 2

ASSIGNMENT

Whereas, we		~	
(1)	Theodore H. Zabel County of Westchester	of Yorktown Heights State of New York	
(2)	Jerry D. Ackaret County of Washington	of Beaverton State of Oregon	
(3)	Michael A. Gaynes County of Broome	of Vestal State of New York	
(4)	Michael S. Gordon County of Westchester	of Yorktown Heights State of New York	
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(5)	Nancy C. LaBianca County of New Haven	of Yalesville State of Connecticut	
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and executed a	United States Patent Applicatio		
		,(3),(4) July 26, 20	05 omd
(5) July 26,			, and
nace of busine entire right, titl obtained therefore, well, assign and and the inventi- from the filing patents granted agree that IBM	transfer to IHM, its successors at the United States application, recommendation to the said application and transfer to IHM, its successors are the United States application upon the invention set forth in a may apply for foreign Letters P.	CHINES CORPORATION, a corporation of New York, New York, 10504, (hereinafter called IBM), desires on and invention, and to any United States and foreign the whereof is hereby acknowledged, we, the above new adassigns, the entire right, title and interest in the said states and foreign countries, and all rights of priority and we request the Commissioner of Patents to issue id application to IBM, its successors and assigns; and cents on said invention and we will execute all papers plications when called upon to do so by IBM.	s to acquire the A patents to be amed, hereby application y resulting any Letters
igned			
1) at on		Theodore H. Zabel Executed by Jane Jones – Executrix of the Estate inventor, Theodore H. Zabel	of deceased
2) at on		Yaman Di Ani	
O11	·	Jerry D. Ackaret	

PATENT

REEL: 016783 FRAME: 0388

09/13/2005 12:43 FAX 518 452 5579 HESLIN ROTHENBERG → USPTO ASSIGN BRA 2011/011

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IBM Docket No.: POU920050021US1 Page 2 of 2

(3) at _______ Michael A. Gaynes / (4) at ______ / 61470 w_ // E161675, N.Y.

at 101470 W HEIGHT, N.Y.

on 7/26/05 Michael S. Gordon

(5) at you bundents N.4 Jany C. L. Brance
Nancy & LaBiance

PATENT

REEL: 016783 FRAME: 0389

HESLIN ROTHENBERG FARLEY & MESITI P.C.

Robert E. Heslin Jeff Rothenberg Kevin P. Radigan Susan E. Farley Nicholas Mesiti Philip E. Hansen* Blanche E. Schiller Wayne F. Reinke David P. Miranda

* Patent Agent

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INTELLECTUAL PROPERTY LAW

PATENTS • TRADEMARKS • COPYRIGHTS

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September 13, 2005

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U.S. Patent and Trademark Office

Alexandria, Virginia

FROM:

Jill M. Breedlove, Esq.

Heslin Rothenberg Farley & Mesiti P.C.

Telephone: (518) 452-5600 Facsimile: (518) 452-5579 E-mail: jmb@hrfmlaw.com

RE:

U.S. Patent Application Serial No.: 11/098,343 U.S. Patent Application Filing Date: 04/04/2005

Applicants: Zabel et al.

Attorney Docket No.: POU920050021US1 (0560.574)

Dear Sir:

RECORDED: 09/13/2005

Please find attached hereto the following documents:

- 1. Recordation Form Cover Sheet Patents Only (1 page) (in duplicate); and
- 2. Assignment Documents (8 pages).

PATENT REEL: 016783 FRAME: 0390