## PATENT ASSIGNMENT

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SUBMISSION TYPE: **NEW ASSIGNMENT** NATURE OF CONVEYANCE: **ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ibrahim M. Elfadel	11/09/2008
Tarek A. El-Moselhy	11/09/2008

#### **RECEIVING PARTY DATA**

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12267598

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: Michael J. Chang

Total Attachments: 2

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PATENT

REEL: 021814 FRAME: 0771

IBM Docket: YOR920080643USI

# **ASSIGNMENT**

Inventor and City	Whereas, we				
	(1) Ibrahim M. Elfadel County of Westchester	2	Cortlandt Massor State of New York		
	(2) Tarek A. El-Moselhy County of Middlesex		ambridge State of Massachusetts		
	have invented certain improvements in				
TITLE	SYSTEM AND METHOD FOR THREE-DIMENSIONAL VARIATIONAL CAPACITANCE CALCULATION				
	and executed, respectively, a United States patent application therefor on				
DATE THAT INVENTOR SIGNED THE DECLARATION	(1)	2008.			
	Whoreas, INTERNATIONAL BUSINESS MACH onk, New York 10504, (hereinafter called IBM), de d to any United States and foreign patents to be obta	sires to acquire the entire rigi	exporation of New York, having a place of ht, title and interest in the said application		
for the United Sta application, and v to IBM, its succes	Now therefore, for a valuable consideration, receiver to IBM, its successors and assigns, the entire right test and foreign countries, and in all foreign countries we request the Commissioner of Patents to issue any issues and assigns; and we hereby agree that IBM marry in connection with the United States and foreign	t, title and interest in the said is, and all rights of priority res letters Patent granted upon by apply for foreign Letters Pa	application and invention therein disclosed sulting from the filing of said United States the inventions set forth in said application stent on said invention and we will execute		
	Signed				
	(1) (Ibrahim M. Elfadel) INVENTOR FERST NAME MEDICE INITIAL LAST NAME	on	, 2008		
	(2) Tarek A. El-Moselky) INVENTOR FIRST NAME MEDDLE INITIAL LAST NAME	on	<u>11/09</u> , 2008		

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REEL: 021814 FRAME: 0772

IBM Docket: YOR920069643US1

## ASSIGNMENT

The same, and	
(1) Ibrahim M. Elfadei	of Cortlandt Masor
County of Westchester	and State of New York
(2) Tarek A. Bi-Moselhy	of Cambridge
County of Middlesex	and State of Marsechapette
have invested certain improvements in	
SYSTEM AND METHOD FOR THREE-DIMENSIONAL VARIAGE CALCULATION	ational capacitance
and executed, respectively, a United States patent application therefor on	
(1) 11 9 2008, (2) , 2008.	
	(1) Ibrahim M. Elfadel County of Westchester  (2) Tarak A. El-Moselhy County of Middlesex  have invested certain improvement in  SYSTEM AND METHOD FOR THREE-DIMENSIONAL VARIA CALCULATION  and executed, respectively, a United States patent application therefor on

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinefter called IBM), desires to sequire the entire right, title and interest in the said application and foverabon, and to any United States and foverar to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above ments, hereby sell, assign, and standard to IBM, he autoresors and assigns, the satire right, title and inscrets in the said application and hypertion therein disclosed for the United States and foreign countries, and all rights of priority retaining from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the investions set forth in said application to IBM, its accessors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers recessary in soumestion with the United States and foreign applications when called upon to do so by IBM.

Signed (1) - Effected) INVENTOR SURT NAME SCHOOL RIGHTAL LAZIMAN	on 11 /9 ( . 2008
(Z) (Turck A. El-Moselly) INVENTOR	OH, 2008

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**RECORDED: 11/11/2008**