

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ibrahim M. Elfadel	11/09/2008
Tarek A. El-Moselhy	11/09/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	International Business Machines Corporation
<b>Street Address:</b>	New Orchard Road
<b>City:</b>	Armonk
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12267598
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)878-2481
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	2038777961
<b>Email:</b>	mchang@MJC-IPLaw.com
<b>Correspondent Name:</b>	Michael J. Chang
<b>Address Line 1:</b>	84 Summit Avenue
<b>Address Line 2:</b>	Michael J. Chang, LLC
<b>Address Line 4:</b>	Milford, CONNECTICUT 06460
<b>ATTORNEY DOCKET NUMBER:</b>	YOR920080643US1
<b>NAME OF SUBMITTER:</b>	Michael J. Chang
<b>Total Attachments: 2</b>	
source=YOR920080643US1-Assignment#page1.tif	
source=YOR920080643US1-Assignment#page2.tif	

CH \$40.00 12267598

### ASSIGNMENT

Inventor and City                      Whereas, we

(1) Ibrahim M. Elfadel                      of Cortlandt Manor  
County of Westchester                      and State of New York

(2) Tarek A. El-Moselhy                      of Cambridge  
County of Middlesex                      and 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, (2) 11/09/, 2008.

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 in all 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 inventions 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.

Signed

(1) \_\_\_\_\_ on \_\_\_\_\_, 2008  
                    (Ibrahim M. Elfadel) INVENTOR  
                    FIRST NAME MIDDLE INITIAL LAST NAME

(2) T. Moselhy on 11/09, 2008  
                    (Tarek A. El-Moselhy) INVENTOR  
                    FIRST NAME MIDDLE INITIAL LAST NAME

# ASSIGNMENT

Inventor  
and City

Whereas, we

(1) Ibrahim M. Elfadl  
County of Westchester

of Corfank Mass  
and State of New York

(2) Tarek A. El-Moselhy  
County of Middlesex

of Cambridge  
and 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) 11/9/ 2008, (2) \_\_\_\_\_, 2008.

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 in all 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 inventions 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.

Signed

(1) Ibrahim M. Elfadl  
(Ibrahim M. Elfadl) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

on 11/9/ 2008

(2) \_\_\_\_\_  
(Tarek A. El-Moselhy) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

on \_\_\_\_\_, 2008