

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2792082

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER A FRANASZEK	07/14/2000
MICHEL HACK	07/14/2000
CHARLES O SCHULZ	07/18/2000
T BASIL SMITH III	07/21/2000
R BRETT TREMAINE	07/14/2000
<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>Patent Number:</b>	6401181
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(914)766-7520
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	914-766-0567
<b>Email:</b>	iplawyor@us.ibm.com
<b>Correspondent Name:</b>	INTERNATIONAL BUSINESS MACHINES CORP
<b>Address Line 1:</b>	294 ROUTE 100, P.O. BOX 100
<b>Address Line 2:</b>	IBM CORPORATION IPLAW DEPARTMENT
<b>Address Line 4:</b>	SOMERS, NEW YORK 10589-0100
<b>ATTORNEY DOCKET NUMBER:</b>	YOR920000034US2
<b>NAME OF SUBMITTER:</b>	GAIL H ZARICK
<b>SIGNATURE:</b>	/Gail H. Zarick/
<b>DATE SIGNED:</b>	03/31/2014
<b>Total Attachments: 4</b>	
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(JOINT FORM)  
(MORE THAN ONE)

## Assignment

Whereas, we

Inventor and City	(1) Peter A. Franaszek County of Westchester	of Mt. Kisco and State of New York
	(2) Michel Hack County of Westchester	of Courtlandt Manor and State of New York
Inventor and City	(3) Charles O. Schulz County of Chittenden	of Ridgefield and State of Connecticut
Inventor and City	(4) T. Basil Smith, III County of Fairfield	of Wilton and State of Connecticut
Inventor and City	(5) R. Brett Tremaine County of Dutchess	of Stormville and State of New York

have invented certain improvements in

TITLE DYNAMIC ALLOCATION OF PHYSICAL MEMORY SPACE

and executed, respectively, a United States patent application therefor on  
DATES THAT (1) *July 14*, 2000, and (2) *July 14*, 2000, and (3) *July 18*, 2000, and  
INVENTORS (4) *July 21*, 2000, and (5) *July 14*, 2000.  
SIGNED THE  
DECLARATION

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 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 and sealed  
CITY (1) at Yorktown Heights, NY Peter A. Franaszek SIGNATURE  
DATE on 7/14/ 2000, (Peter A. Franaszek) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (2) at Yorktown Heights, NY Michel Hack SIGNATURE  
DATE on 16 July 2000, (Michel Hack) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (3) at Yorktown Heights, NY Charles O. Schulz SIGNATURE  
DATE on 18 July 2000, (Charles O. Schulz) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (4) at Yorktown Heights, NY T. Basil Smith, III SIGNATURE  
DATE on 21 July 2000, (T. Basil Smith, III) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (5) at Yorktown Heights, NY R. Brett Tremaine SIGNATURE  
DATE on July 14, 2000, (R. Brett Tremaine) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York ) ss.:  
County of Westchester )

On this 14th day of July 2000, before me personally came  
INVENTOR Peter A. Franaszek to me personally known, and known to me to be the  
(1) person described in and who executed the foregoing assignment, and he acknowledged  
to me that he executed the same as his free act and deed.

Michelle Parra

Notary  
MICHELLE PARRA  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 20 01

State of *New York* ) ss.:  
County of *Westchester* )

INVENTOR (2)  
On this *14th* day of *July* 2000, before me personally came **Michel Hack** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

*Michelle Parra*

Notary  
**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 2001

State of *New York* ) ss.:  
County of *Westchester* )

INVENTOR (3)  
On this *18th* day of *July* 2000, before me personally came **Charles O. Schulz** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

*Michelle Parra*

Notary  
**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 2001

State of *New York* ) ss.:  
County of *Westchester* )

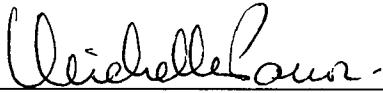
INVENTOR (4)  
On this *21st* day of *July* 2000, before me personally came **T. Basil Smith, III** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

*Michelle Parra*

Notary  
**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 2001

State of *New York* ) ss.:  
County of *Westchester* )

INVENTOR                      On this 14<sup>th</sup> day of July 2000, before me personally came  
(5)                      **R. Brett Tremaine** to me personally known, and known to me to be the  
person described in and who executed the foregoing assignment, and he acknowledged  
to me that he executed the same as his free act and deed.



Notary

**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 2001