

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

EPAS ID: PAT2798027

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the NEED TO ADD MISSING INVENTOR #6: WILLIAM R. TONTI previously recorded on Reel 013592 Frame 0992. Assignor(s) hereby confirms the ONLY 5 INVENTORS LISTED ON RECORDATION OF ASSIGNMENT. NEED TO ADD INVENTOR: WILLIAM R. TONTI.

**CONVEYING PARTY DATA**

Name	Execution Date
DURESETI CHIDAMBARRAO	12/03/2002
OMER H DOKUMACI	12/02/2002
BRUCE B DORIS	12/03/2002
JACK A MANDELMAN	11/30/2002
XAVIER BAIE	12/10/2002
WILLIAM R TONTI	04/01/2014

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	10318602

**CORRESPONDENCE DATA**

**Fax Number:** (845)892-6363  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 8458948469  
**Email:** efiplaw@us.ibm.com  
**Correspondent Name:** YUANMIN CAI  
**Address Line 1:** 2070 RTE 52  
**Address Line 2:** MD 482  
**Address Line 4:** HOPEWELL JUNCTION, NEW YORK 12533

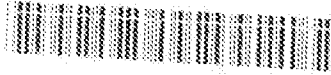
<b>ATTORNEY DOCKET NUMBER:</b>	FIS920020011US1
<b>NAME OF SUBMITTER:</b>	YUANMIN CAI

<b>SIGNATURE:</b>	/Yuanmin Cai/
<b>DATE SIGNED:</b>	04/03/2014
<b>Total Attachments: 11</b> source=fis920020011US1_Assignment#page1.tif source=fis920020011US1_Assignment#page2.tif source=fis920020011US1_Assignment#page3.tif source=fis920020011US1_Assignment#page4.tif source=fis920020011US1_Assignment#page5.tif source=fis920020011US1_Assignment#page6.tif source=fis920020011US1_Assignment#page7.tif source=fis920020011US1_Assignment#page8.tif source=fis920020011US1_Assignment#page9.tif source=fis920020011US1_Assignment#page10.tif source=fis920020011US1_Assignment#page11.tif	

12-24-2002

SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Tab settings

To the Honorable Commissioner of Patents and Trademarks 102320146

of the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dureseti Chidambarrao  
Omer H. Dokumaci  
Bruce B. Doris  
Jack A. Mandelman  
Xavier Baic

12/12/02

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk

State: NY

ZIP: 10504

Additional names(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: 12-03-02, 12-02-02, 12-03-02, 11-30-02, 12-10-02

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

12-03-02, 12-02-02,  
12-03-02, 11-30-02,  
12-10-02

A. Patent Application No. (s)

E070225994505

B. Patent No. (s)

EXPRESS MAIL NO. THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231 APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF DEPOSIT AS THE FILE DATE.

DATE OF DEPOSIT: 12/12/02

BY SIGNATURE & DATE: [Signature] 12/12/02

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jay H. Anderson

Internal Address:



32074

PATENT TRADEMARK OFFICE

Street Address:

12/23/2002 TB18Z1 00000036 090458 10318602

01 FC:0021 40.00 CR

City: State: ZIP:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

09-0458 FI-571

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jay H. Anderson, Reg. No. 38,371

[Signature]

12 December 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 7

# ASSIGNMENT

Whereas, we

Inventor  
and City

(1) Dureseti Chidambarao  
County of Fairfield

City of Weston  
and State of Connecticut

(2) Omer H. Dokumaci  
County of Dutchess

City of Wappingers Falls  
and State of New York

(3) Bruce B. Doris  
County of Putnam

City of Brewster  
and State of New York

(4) Jack A. Mandelman  
County of Henderson

City of Flat Rock  
and State of North Carolina

and (5) Xavier Bale

City of Wavre  
and Country of Belgium

have invented certain improvements in

Title

## STRESS INDUCING SPACERS

Dates That  
Inventors

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

Signed the  
Declaration  
and

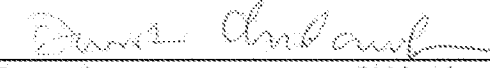
(1)	12/03/02	2002,	(2)	12/21/02	2002,
(3)	12/13/02	2002,	(4)		2002,
(5)		2002.			

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.

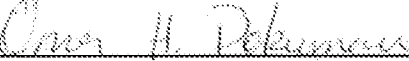
City  
Date

(1) Signed at East Rock Hill, NY  
on 12/3/02

 signature  
( Dureseti Chidambarao ) inventor  
First Name Middle Initial Last Name


City  
Date

(2) Signed at East Fishkill, NY  
on 12/12/02

 signature  
( Omer H. Dokumaci ) inventor  
First Name Middle Initial Last Name

City  
Date

(3) Signed at East Rock Hill, NY  
on 12/13/02

 signature  
( Bruce B. Doris ) inventor  
First Name Middle Initial Last Name

City  
Date (4) Signed at  
on

signature  
(Jack A. Mandelman ) inventor  
First Name Middle Initial Last Name

City  
Date (5) Signed at  
on

signature  
(Xavier Baie ) inventor  
First Name Middle Initial Last Name

# ASSIGNMENT

Whereas, we

Inventor and City	(1) Dureseti Chidambarao County of Fairfield	City of Weston and State of Connecticut
	(2) Omer H. Dokumaci County of Dutchess	City of Wappingers Falls and State of New York
	(3) Bruce B. Doris County of Putnam	City of Brewster and State of New York
	(4) Jack A. Mandelman County of Henderson	City of Flat Rock and State of North Carolina
and	(5) Xavier Baie	City of Wavre and Country of Belgium

have invented certain improvements in

Title

## STRESS INDUCING SPACERS

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

Signed the Declaration	(1)	2002,	(2)	2002,
and	(3)	2002,	(4) 30 Nov,	2002,
	(5)	2002.		

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.

City Date (1) Signed at on

\_\_\_\_\_  
signature  
( Dureseti Chidambarao ) inventor  
First Name Middle Initial Last Name

City Date (2) Signed at on

\_\_\_\_\_  
signature  
( Omer H. Dokumaci ) inventor  
First Name Middle Initial Last Name

City Date (3) Signed at on

\_\_\_\_\_  
signature  
( Bruce B. Doris ) inventor  
First Name Middle Initial Last Name

City  
Date

(4) Signed at *FLAT ROCK, NC*  
on *30 NOV 2002*

*Jack A Mandelman* signature  
(**Jack** **A.** **Mandelman**) inventor  
First Name Middle Initial Last Name

City  
Date

(5) Signed at  
on

(**Xavier** **Baie**) signature  
First Name Middle Initial Last Name ) inventor

# ASSIGNMENT

Whereas, we

Inventor and City	(1) Dureseti Chidambarrao County of Fairfield	City of Weston and State of Connecticut
	(2) Omer H. Dokumaci County of Dutchess	City of Wappingers Falls and State of New York
	(3) Bruce B. Doris County of Putnam	City of Brewster and State of New York
	(4) Jack A. Mandelman County of Henderson	City of Flat Rock and State of North Carolina
and	(5) Xavier Baie	City of Wavre and Country of Belgium

have invented certain improvements in

Title

## STRESS INDUCING SPACERS

Dates That Inventors Signed the Declaration and	(1)	2002,	(2)	2002,
	(3)	2002,	(4)	2002,
	(5) 10 December	2002.		

and have 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, (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.

City Date (1) Signed at on

\_\_\_\_\_  
signature  
( Dureseti Chidambarrao ) inventor  
First Name Middle Initial Last Name

City Date (2) Signed at on

\_\_\_\_\_  
signature  
( Omer H. Dokumaci ) inventor  
First Name Middle Initial Last Name

City Date (3) Signed at on

\_\_\_\_\_  
signature  
( Bruce B. Doris ) inventor  
First Name Middle Initial Last Name



City  
Date

(4) Signed at  
on

\_\_\_\_\_  
(Jack                      A.                      Mandelman                      ) signature  
First Name                      Middle Initial                      Last Name                      } inventor

City  
Date

(5) Signed at ANTOING (BELGIUM)  
on 10 DECEMBER 2002

\_\_\_\_\_  
(Xavier                                           Baie                      ) signature  
First Name                      Middle Initial                      Last Name                      } inventor

# ASSIGNMENT

Whereas, we

Inventor  
and City

(1) Dureseti Chidambarao  
County of Fairfield

City of Weston  
and State of Connecticut

(2) Omer H. Dokumaci  
County of Dutchess

City of Wappingers Falls  
and State of New York

(3) Bruce B. Doris  
County of Putnam

City of Brewster  
and State of New York

(4) Jack A. Mandelman  
County of Henderson

City of Flat Rock  
and State of North Carolina

and

(5) Xavier Baie

City of Wavre  
and Country of Belgium

Title

(6) William R. Tonti  
County of Rockingham

City of Greenland  
and State of New Hampshire

## STRESS INDUCING SPACERS

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

Dates That  
Inventors  
Signed the  
Declaration  
and

(1)	2002,	(2)	2002,
(3)	2002,	(4)	2002,
(5)	2002.	(6)	2014.

April 01,

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;

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City  
Date

(1) Signed at  
on

( Dureseti Chidambarao ) signature  
inventor

City  
Date

(2) Signed at  
on

( Omer H. Dokumaci ) signature  
inventor

City  
Date

(3) Signed at  
on

( Bruce B. Doris ) signature  
inventor

(INM Docket No.: FTS920020011US1)

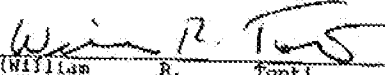
City (4) Signed at  
Date on

Jack A. Mandelwan signature  
Inventor

City (5) Signed at  
Date on

Xavier Bate signature  
Inventor

City (6) Signed at Greenland, NH  
Date on April 1, 2014

  
William R. Tonfi signature  
Inventor