

04-24-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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SHEET

100693655

4-9-98

Attorney Docket No.: Y0998-091 (728-115)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy them.

1. Name of conveying party(ies):

Fook-Luen HENG,
Zhan CHEN,
Gustavo E. TELLEZ,
John COHN,
Rani NARAYAN

Additional name(s) of conveying party(ies)
attached? ☐ Yes ☒ No

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

Name: International Business Machines
Corporation

Internal Address: _____

Street Address: _____

City: Armonk State: NY Zip: 10504

Additional name(s) & address(es) attached:
☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 4/3/98; 4/3/98; 4/2/98;
4/3/98; 4/2/98,
respectively

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

If this document is being filed together with a new application, the execution date
of the application is: 4/3/98; 4/3/98; 4/2/98; 4/3/98; 4/2/98; respectively

A. Patent Application No.(s)

N/A 09/057961

B. Patent No.(s)

N/A

Additional numbers attached? ☐ Yes ☒ No

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

Name: Frank Chau, Esq.

Internal Address: Dilworth & Barrese

Street Address: 333 Earle Ovington Blvd.

City: Uniondale State: NY Zip: 11553

6. Total number of applications and
patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00
☒ Enclosed
☐ Authorized to be charged to deposit
account

8. Deposit account number:

04-1121

(Attach duplicate copy of this page if
paying by deposit account)

DO NOT USE THIS SPACE

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.

Frank Chau

Name of Person Signing
Reg. No. 34,136

[Signature]
Signature

April 9, 1998

Date

Total number of pages including cover sheet, attachments and documents: 9

PATENT
REEL: 9120 FRAME: 033

Assignment

Whereas, we

Inventor and City	(1)	Fook-Luen Heng County of Westchester	of Yorktown Heights and State of New York
	and (2)	Zhan Chen County of Santa Clara	of Santa Clara and State of California
	and (3)	Gustavo E. Tellez County of Orange	of Cornwall on Hudson and State of New York
	and (4)	John Cohn County of Chittenden	of Richmond and State of Vermont
	and (5)	Rani Narayan County of	of Hopewell Junction and State of New York
	and (6)		of and State of

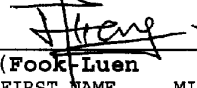
have invented certain improvements in

TITLE DESIGN RULE CORRECTION SYSTEM AND METHOD

and executed, respectively, a United States patent application therefor on
DATES THAT (1) 4/3/98 1998 and (2) 1998 and (3) 1998
INVENTORS (4) 1998, and (5) 1998 and (6) 1998.
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.

CITY	(1) at	Signed and sealed Yorktown Heights		SIGNATURE
DATE	on	1998, (Fook-Luen	Heng	) INVENTOR
		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	and (2) at	Signed and sealed		SIGNATURE
DATE	on	1998, (Zhan	Chen	) INVENTOR
		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	and (3) at	Signed and sealed		SIGNATURE
DATE	on	1998, (Gustavo	E.	Tellez
		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	and (4) at	Signed and sealed		SIGNATURE
DATE	on	1998, (John	Cohn	) INVENTOR
		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	and (5) at	Signed and sealed		SIGNATURE
DATE	on	1998, (Rani	Narayan	) INVENTOR
		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	and (6) at	Signed and sealed		SIGNATURE
DATE	on	1998, (		) INVENTOR
		FIRST NAME	MIDDLE INITIAL	LAST NAME

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

INVENTOR (1) On this *3rd* day of *April* 1998, before me personally came **Fook-Luen Heng** to me personally know, 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.

Emily S. Forbes

EMILY S. FORBES, Notary
Notary Public, State of New York
No. 01FO4935185
Qualified in Westchester County
Commission Expires July 25, 1998

State of) SS.:
County of)

INVENTOR (2) On this _____ day of _____ 1998, before me personally came **Zhan Chen** to me personally know, 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

State of) SS.:
County of)

INVENTOR (3) On this _____ day of _____ 1998, before me personally came **Gustavo E. Tellez** to me personally know, 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

State of) SS.:
County of)

INVENTOR (4) On this _____ day of _____ 1998, before me personally came **John Cohn** to me personally know, 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

State of) SS.:
County of)

INVENTOR (5) On this _____ day of _____ 1998, before me personally came **Rani Narayan** to me personally know, 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

State of) SS.:
County of)

INVENTOR (6) On this _____ day of _____ 1998, before me personally came _____ to me personally know, 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

Assignment

Whereas, we

Inventor
and City

(1) Fook-Luen Heng
County of Westchester

of Yorktown Heights
and State of New York

and (2) Zhan Chen
County of Santa Clara

of Santa Clara
and State of California

and (3) Gustavo E. Tellez
County of Orange

of Cornwall on Hudson
and State of New York

and (4) John Cohn
County of Chittenden

of Richmond
and State of Vermont

and (5) Rani Narayan
County of

of Hopewell Junction
and State of New York

and (6)
County of

of
and State of

have invented certain improvements in

TITLE

DESIGN RULE CORRECTION SYSTEM AND METHOD

and executed, respectively, a United States patent application therefor on
DATES THAT (1) 1998 and (2) April 3rd, 1998 and (3) 1998
INVENTORS (4) 1998, and (5) 1998 and (6) 1998.
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							SIGNATURE	
DATE	on	1998,	(Fook-Luen		Heng			) INVENTOR	
			FIRST NAME	MIDDLE INITIAL	LAST NAME				
Signed and sealed									
CITY	and (2) at Santa Clara							SIGNATURE	
DATE	on April 3rd	1998,	(Zhan		Chen			) INVENTOR	
			FIRST NAME	MIDDLE INITIAL	LAST NAME				
Signed and sealed									
CITY	and (3) at							SIGNATURE	
DATE	on	1998,	(Gustavo	E.	Tellez			) INVENTOR	
			FIRST NAME	MIDDLE INITIAL	LAST NAME				
Signed and sealed									
CITY	and (4) at							SIGNATURE	
DATE	on	1998,	(John		Cohn			) INVENTOR	
			FIRST NAME	MIDDLE INITIAL	LAST NAME				
Signed and sealed									
CITY	and (5) at							SIGNATURE	
DATE	on	1998,	(Rani		Narayan			) INVENTOR	
			FIRST NAME	MIDDLE INITIAL	LAST NAME				
Signed and sealed									
CITY	and (6) at							SIGNATURE	
DATE	on	1998,	(					) INVENTOR	
			FIRST NAME	MIDDLE INITIAL	LAST NAME				

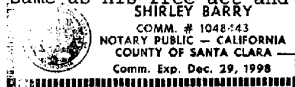
State of) SS.:
County of)

On this _____ day of _____ 1998, before me personally came
INVENTOR **Fook-Luen Heng** to me personally know, 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.

Notary

State of *California*) SS.:
County of *Santa Clara*)

On this *3rd* day of *April* 1998, before me personally came
INVENTOR **Zhan Chen** to me personally know, and known to me to be the
(2) 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.



Shirley Barry

Notary

State of) SS.:
County of)

On this _____ day of _____ 1998, before me personally came
INVENTOR **Gustavo E. Tellez** to me personally know, and known to me to be the
(3) 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

State of) SS.:
County of)

On this _____ day of _____ 1998, before me personally came
INVENTOR **John Cohn** to me personally know, and known to me to be the
(4) 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

State of) SS.:
County of)

On this _____ day of _____ 1998, before me personally came
INVENTOR **Rani Narayan** to me personally know, and known to me to be the
(5) 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

State of) SS.:
County of)

On this _____ day of _____ 1998, before me personally came
INVENTOR _____ to me personally know, and known to me to be the
(6) 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

Assignment

Whereas, we

Inventor
and City

(1) Fook-Luen Heng
County of Westchester

of Yorktown Heights
and State of New York

and (2) Zhan Chen
County of Santa Clara

of Santa Clara
and State of California

and (3) Gustavo E. Tellez
County of Orange

of Cornwall on Hudson
and State of New York

and (4) John Cohn
County of Chittenden

of Richmond
and State of Vermont

and (5) Rani Narayan
County of DUTCHESS

of Hopewell Junction
and State of New York

and (6)
County of

of
and State of

have invented certain improvements in

TITLE

DESIGN RULE CORRECTION SYSTEM AND METHOD

and executed, respectively, a United States patent application therefor on
DATES THAT (1) 1998 and (2) 1998 and (3) April 2, 1998
INVENTORS (4) 1998, and (5) April 2, 1998 and (6) 1998.
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
DATE on 1998, (Fook-Luen Heng)
FIRST NAME MIDDLE INITIAL LAST NAME) INVENTOR SIGNATURE

Signed and sealed

CITY and (2) at
DATE on 1998, (Zhan Chen)
FIRST NAME MIDDLE INITIAL LAST NAME) INVENTOR SIGNATURE

Signed and sealed

CITY and (3) at East Fishkill, NY
DATE on April 2, 1998, (Gustavo E. Tellez)
FIRST NAME MIDDLE INITIAL LAST NAME) INVENTOR SIGNATURE

Signed and sealed

CITY and (4) at
DATE on 1998, (John Cohn)
FIRST NAME MIDDLE INITIAL LAST NAME) INVENTOR SIGNATURE

Signed and sealed

CITY and (5) at East Fishkill, NY
DATE on April 2, 1998, (Rani Narayan)
FIRST NAME MIDDLE INITIAL LAST NAME) INVENTOR SIGNATURE

Signed and sealed

CITY and (6) at
DATE on 1998, (
FIRST NAME MIDDLE INITIAL LAST NAME) INVENTOR SIGNATURE

State of) SS.:
County of)

On this day of 1998, before me personally came
INVENTOR **Fook-Luen Heng** to me personally know, 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.

Notary

State of) SS.:
County of)

On this day of 1998, before me personally came
INVENTOR **Zhan Chen** to me personally know, and known to me to be the
(2) 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

State of *NEW YORK*) SS.:
County of *DUTCHESS*)

On this *2nd* day of *April* 1998, before me personally came
INVENTOR **Gustavo E. Tellez** to me personally know, and known to me to be the
(3) 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.

Linda L. Gray

Notary Public, State of New York
No. 01GR5012090
Qualified in Dutchess County
Term Expires: 06/15/99

State of) SS.:
County of)

On this day of 1998, before me personally came
INVENTOR **John Cohn** to me personally know, and known to me to be the
(4) 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

State of *NEW YORK*) SS.:
County of *DUTCHESS*)

On this *2nd* day of *APRIL* 1998, before me personally came
INVENTOR **Reni Narayan** to me personally know, and known to me to be the
(5) 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.

Linda L. Gray

Notary Public, State of New York
No. 01GR5012090
Qualified in Dutchess County
Term Expires: 06/15/99

State of) SS.:
County of)

On this day of 1998, before me personally came
INVENTOR to me personally know, and known to me to be the
(6) 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

Assignment

Whereas, we

Inventor and City	(1) Fook-Luen Heng County of Westchester	of Yorktown Heights and State of New York
	and (2) Zhan Chen County of Santa Clara	of Santa Clara and State of California
	and (3) Gustavo E. Tellez County of Orange	of Cornwall on Hudson and State of New York
	and (4) John Cohn County of Chittenden	of Richmond and State of Vermont
	and (5) Rani Narayan County of	of Hopewell Junction and State of New York
	and (6) County of	of and State of

have invented certain improvements in

TITLE DESIGN RULE CORRECTION SYSTEM AND METHOD

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

DATES THAT	(1) 1998 and (2)	1998 and (3)	1998
INVENTORS	(4) 1998, and (5)	1998 and (6)	1998.

SIGNED THE
DECLARATION

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Signed and sealed

CITY	(1) at				SIGNATURE
DATE	on	1998,	(Fook-Luen	Heng) INVENTOR
			FIRST NAME	MIDDLE INITIAL	LAST NAME

Signed and sealed

CITY	and (2) at				SIGNATURE
DATE	on	1998,	(Zhan	Chen	) INVENTOR
			FIRST NAME	MIDDLE INITIAL	LAST NAME

Signed and sealed

CITY	and (3) at				SIGNATURE
DATE	on	1998,	(Gustavo	E.	Tellez
			FIRST NAME	MIDDLE INITIAL	LAST NAME

Signed and sealed

CITY	and (4) at Williston, VT				SIGNATURE
DATE	on April 3	1998,	(John	Cohn	) INVENTOR
			FIRST NAME	MIDDLE INITIAL	LAST NAME

Barry Jane Smith *April 3 1998*

Signed and sealed

CITY	and (5) at				SIGNATURE
DATE	on	1998,	(Rani	Narayan	) INVENTOR
			FIRST NAME	MIDDLE INITIAL	LAST NAME

Signed and sealed

CITY	and (6) at				SIGNATURE
DATE	on	1998,	(		) INVENTOR
			FIRST NAME	MIDDLE INITIAL	LAST NAME

State of) SS.:
County of)

INVENTOR (1) On this _____ day of _____ 1998, before me personally came **Fook-Luen Heng** to me personally know, 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

State of) SS.:
County of)

INVENTOR (2) On this _____ day of _____ 1998, before me personally came **Zhan Chen** to me personally know, 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

State of) SS.:
County of)

INVENTOR (3) On this _____ day of _____ 1998, before me personally came **Gustavo E. Tellez** to me personally know, 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

State of Vermont) SS.:
County of Chittenden)

INVENTOR (4) On this 3rd day of April 1998, before me personally came **John Cohn** to me personally know, 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.

Gale J. Smith
Commission Expires 2/10/99
Notary

State of) SS.:
County of)

INVENTOR (5) On this _____ day of _____ 1998, before me personally came **Rani Narayan** to me personally know, 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

State of) SS.:
County of)

INVENTOR (6) On this _____ day of _____ 1998, before me personally came _____ to me personally know, 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