07-30-1998

tty. Docket No. Y0997-459

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1.	Name	οf	conveying	party(ies):
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Guy Daniel Beaumont Guy Paul Brouillette David Hirsch Danovitch Peter Alfred Gruber

Additional name(s) of conveying

party(ies) attached? Yes X No

3. Nature of conveyance:

X Assignment

Execution Date(s): 7 and 10 July 1998

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

Robert M. Trepp Name: Address: IBM Corporation

Intellectual Property Law

P.O. Box 218 Yorktown Heights, NY 10598 2. Name and address of receiving party(ies):

Name: IBM Corporation Address: Old Orchard Road Armonk, NY 10504

Additional name(s) & addresses attached? Yes X No

 Patent Application number(s) 09/070,120

7 and 10 July 1998

Execution Date(s):

6. Total number of applications involved: 1

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

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8. 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 original document.

Robert M. Trepp (Reg. No. 25,933)

July 16, 1998

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07/23/1998 TTUBBS 00000114 090468 09070120

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of Quebec

cedeuQ lo

of Quebec

of Mohegan Lake

and State of

and State of

and State of New York

Assignment

Whereas, we

Inventor and City

DECLARATION

(1) Guy Daniel Beaumont Canton de Granby, Canada

de Granby, Canada

and (2) Guy Paul Brounilette Canton de Shefford, Canada

and (3) David Harsch Lanevitch Canton de Granby, Canada

and (4) Peter Alfred Gruber County of Westchester

and (5) County of

and (6) County of

have superted cortain improvements

have invented certain improvements in

TITLE APPARATUS FOR TRANSFERRING SOLDER BUMPS AND METHOD OF USING

and executed, respectively, a United States patent application therefor on DATES THAT (1) $\sqrt{(a/2)} = 0.098$, and (2) $\sqrt{(a/2)} = 0.098$, and (3) $\sqrt{(a/2)} = 0.098$, and INVENTORS (4) $\sqrt{(a/2)} = 0.098$, and (5) 199, and (6) 199.

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 DATE	11)	Signed and sealed at がたいかい ア cn ッピナッジ	1998,	(Guy FIRST NAME	г Б. MlDDbE	INITIAL	Beaumont LAST	,
CITY DATE	and	Eigned and sealed (2) at Bhomost on July 10.	19)8 ,	(CLW FIRST NAME	P. MIDDLE		Brouille	signature tte) inventor NAME
CITY	and	Signed and sealed (3) at Green Address on Single	⊆ 1998;	(David	H. MIDDLE	INIRIL	Danovito LAST	
CITY	and	Signed and sealed (4) at your town height	1998,	(Peter FIRST NAME	EZ. A. MIDDLE		Gule Gruber LAST	signature) inventor name
CITY DATE	and	figned and sealed (5) at on	199 .	(FIRST NAME	MIDDLE	INSTIAL	LAST	SIGNATURE) INVENTOR NAME
CITY	and	Signed and sealed (6) at on	149	. (FIRST NAME	MIDDLE	CINTTIAL	LAST	signature) inventor

		€ 5€ ()ss.:	DOCKET NO. <u>Y0997-459</u> Page 2 of 2
INVENTOR (1)	Guy D. Beaum person describe	62 f day of 764 7 ODE to me person d in and who executed the	1998, before me personally came ally known, and known to me to be the foregoing assignment, and he same as his free act and deed.
	Phone of Court State of Court County of Table	Rac is.:	Vac Seguent
ENVENTOR (2)	person describe	llette to me person d in and who executed the	1998, before me personally came ally known, and known to me to be the foregoing assignment, and he same as his free agt and feed.
	Trick MAGE. State of Qui	3월(대) ss . : 역 가장)	Wotary Wotary
INVENTOR (3)	On this 10 David H. Dan person describe	day of John of day of to me person of in and who executed the	1998, before me personally came nally known, and known to me to be the foregoing assignment, and he same as his free act and deed.
	State of New Y		Nøtary
INVENTOR (4)	person describe	ed in and who executed the	1998, before me personally came nally known, and known to me to be the foregoing assignment, and he same as his free act and deed.
			MICHELE FARRA
	State of County of) ss.:)	Notary Public, State of New York No. 01AA5089349 Qualified in Dutchess County Commission Expires December 8, 1999
INVENTOR (5)	On this		199 , before me personally dame nally known, and known to me to be the foregoing assignment, and he
			same as his free act and deed.
			Notavi
	State of County of	S 5. :	Notary
	On this	day of	199 , before me personally came
INVENTOR (€)		ed in and who executed the	mally known, and known to me to be the foregoing assignment, and he same as his free act and deed.
			Notary

RECORDED: 07/21/1998

PATENT REEL: 9344 FRAME: 0285