Express Mail No.: EL598672642"	Docket No.: END920000128US1			
FORM PTO-1595 (Modified) I 09 - 11	9-2001 U.S. DEPARTMENT OF COMMERCE			
OMB No. 0651-0011 (exp.4/34) Copyright 1994-97 LegalSta	Patent and Trademark Office			
PoB/RÉVo2				
To the Honorable Commissioner of Patents and Liquennan	47777 s. Flease record the attached original documents or copy thereof.			
1 Name of conveying party(ice):	2. Name and address of receiving party(ies):			
Robert M. Japp Voya R. Markovich				
Konstantinos I. Papathomas	Name: International Business Machines Corporation			
	Internal Address:			
Additional names(s) of conveying party(ies) 🛛 🔲 Yes 🛛 No				
3. Nature of conveyance:				
🛛 Assignment 🛛 Merger	Street Address: New Orchard Road			
Security Agreement Change of Name				
□ Other	City: Armonk State: NY ZIP: 10504			
	State. 141 ZIP. 10004			
Execution Date: 8/28/01, 8/27/01, 8/28/01	Additional name(s) & address(es) attached? 🗋 Yes 🛛 No			
4. Application number(s) or registration numbers(s):				
If this document is being filed together with a new application	on, the execution date of the application is: $8/28/01$, $8/27/01$,			
A. Patent Application No.(s)	B. Patent No.(s)			
A. Patent Application No.(5)	D. Falent No.(S)			
Additional numbers at	ached? 🗋 Yes 🛛 No			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:			
concerning document should be mailed:				
Name: Lawrence R. Fraley	- 7. Total fee (37 CFR 3.41):\$ 40.00			
Internal Address:	Enclosed - Any excess or insufficiency should be			
	credited or debited to deposit account			
	Authorized to be charged to deposit account			
Street Address: IBM Corporation / IP Law N50/040-1	8. Deposit account number:			
1701 North Street	o. Deposit account number.			
	09-0457			
City: Endicott State: NY ZIP: 13760				
9/18/2001 DBYRNE 00000033 090457 09947130 DO NO	DT USE THIS SPACE			
19.531 40.00 CH 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.	$a \rightarrow 0$			
Lawrence R. Fraley, Reg. No. 26,885	- K Jenley Ung-30, 2001			
Name of Person Signing	Signature J Date			
Total number of pages including cover	sheet, attachments, and document:			
REEL: 012161 FRAME: 0910				

IBM Docket No.: END920000128US1

ASSIGNMENT

Whereas, we

Inventor and City	(1) Robert M. Japp County of Broome	City of Vestal and State of NY	
and	(2) Voya R. Markovich County of Broome	City of Endwell and State of NY	
and	(3) Konstantinos I. Papathomas County of Tioga	City of Endicott and State of NY	
and	(4) County of	City of and State of	
and	(5) County of	City of and State of	
and	(6) County of	City of and State of	
and	(7) County of	City of and State of	
and	(8) County of	City of and State of	
	have invented certain improvements	in	
Title	LAMINATE CIRCUIT STRUCTURE A		
Dates That Inventors	and have executed, respectively, a Ur	nited States patent application therefor on	
Inventors Signed the	(1) 8/24/01	hited States patent application therefor on and, (2) $\frac{2761}{2761}$	and,
Inventors	loulu	· plantal	and, and,
Inventors Signed the	(1) \$ 24/01	and, (2) \$ 27/61	
Inventors Signed the	(1) $\frac{9}{26}/0/$ (3) $\frac{8}{28}$ $\frac{1}{41}$	and, (2) $\frac{3}{8} 27 61$	and,

(Signatures of Inventors on Page 2)

PATENT REEL: 012161 FRAME: 0911

	IBM Docket No.: END920000128US1			
ASSIGNMEI	VT (Continued)			
Title LAMINATE CIRCUIT STRUCTURE AND METHOD OF FABRICATING				
City (1) Signed at	Martin Con Care			
City Date & 78 on ENPICOTT, N.7	(Signature of Inventory			
	Robert M. Japp			
	(Typed Name of Inventor)			
City 8/27/02) Signed at Fridiale, N.	(Signature of Inventor)			
	U U			
	Voya R. Markovich (Typed Name of Inventor)			
City (3) Signed at End, COTE NY	Konstoutinos I Papathoman (Signature of Inventor)			
City (3) Signed at $Endicott NY$ Date on $S[28] \neq 1$	(Signature of Inventor)			
	Konstantinos I. Papathomas (Typed Name of Inventor)			
	(Typed Name of Intentor)			
Clty (4) Signed at Date on	(Signature of Inventor)			
	(Typed Name of Inventor)			
City (5) Signed at				
Date on	(Signature of Inventor)			
	(Typed Name of Inventor)			
City (6) Signed at Date on	(Signature of Inventor)			
	(Typed Name of Inventor)			
City (7) Signed at				
Date on	(Signature of Inventor)			
	(Typed Name of Inventor)			
City (8) Signed at Date on	(Signature of Inventor)			
	(Typed Name of Inventor) PATENT			

RECORDED: 09/05/2001

REEL: 012161 FRAME: 0912