To the Honorable Commission Please record the attached 1. Name of conveying partyles): Thomas J. Clooran; Daniel W. Hickey; Ubaldo Cepeda; Gerald P. Ryan Additional name(s) of conveying partyles) attached? YES X NO 3. Nature of conveyance: X. Assignment Merger Security Agreement Change of Name Other Security Agreement Change of Name Other Application Date: August 21, 2000; August 25, 2000 4. Application number(s) or patent number		M PTO-1595 7.00013	09-26-200	0	HEET	U.S. DEPARTMEN' PATENT AND TRA	
1. Name and address of receiving party(tes): Thomas J. Clooman; Daniel W. Hickey; Ubaldo Cepeda; Gerald P. Ryan Additional name(s) of conveying party(tes) attached? YES X NO 3. Nature of conveyance: X. Assignment						3·13·00	
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Additional name(s) of conveying party(ies) attached?	Сере		ckey; Ubaldo	Cadant,			60120 60120 12/00
3. Nature of conveyance: X_ Assignment			attached?	Internal A	ddress:		3000
Assignment		N		Street Add	iress:		
Same: Illinois Zip: 60532 Additional name(s) & address(es) attached? YES X NO 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: APatent Application No.(s): (include series code or filing date) Additional application or patent numbers attached? Additional application is: August 25, 2000 B. Patent No.(s): O 9 4 4 0 0 0 0 X Enclosed Authorized to charge Deposit Account of the application and patents involved: X Enclosed Authorized to charge Deposit Account of the application and patents involved: X Enclosed Authorized to charge Deposit Account of the application, please debit or credit our Deposit Account No. 01 of the second or redit our Deposit Account No. 01 of 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. September 12, 2000 Date Date	3.		_ Merger	4343 Co	ommerce Ct.,	Suite 207	
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: A. Patent Application No.(s): (include series code or filing date) Additional application or patent numbers attached? YES X NO 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Banner & Witcoff, Ltd. Address: Ten South Wacker Drive City: Chicago State: Illinois Zip: 60606 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. September 12, 2000 Date Date				State: Ill	inois		
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: August 25, 2000 A. Patent Application No.(s): (include series code or filing date) B. Patent No.(s): O 9 4 6 0 1 0 0 Additional application or patent numbers attached?YES _X_NO 5. Name and address of parry to whom correspondence concerning document should be mailed: Name: Banner & Witcoff, Ltd. Address: Ten South Wacker Drive City: Chicago State: Illinois Zip: 60606 Signature. DO NOT USE THIS SPACE DO NOT USE THIS SPACE September 12, 2000 Date Signafure September 12, 2000 Date	Exec	ution Date: August 21, 2000; Au	igust 25, 2000	Additional	• •		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Banner & Witcoff, Ltd. Address: Ten South Wacker Drive City: Chicago State: Illinois Zip: 60606 Do NOT USE THIS SPACE 6. Total number of applications and patents involved: 7. Total Fee (37 CFR 3.41)		A. Patent Application No.(s): (include series code or filing date)		B. Pate	ent No.(s):	60170	-
document should be mailed: Name: Banner & Witcoff, Ltd. Address: Ten South Wacker Drive City: Chicago State: Illinois Zip: 60606 Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 01-0850, as necessary. 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. September 12, 2000 Date September 12, 2000 Date	5						1
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. 22/2000 101-574-10-00000032 09660120 Signature September 12, 2000 Date	<i>5</i> .	document should be mailed: Name: Banner & Witcoff, Ltd. Address: Ten South Wacker Drive City: Chicago		Total Fee X Enclose Should any recordation	(37 CFR 3.41) d Authoriz y fee adjustment n, please debit or	ed to charge Deposit According to effect pro	ount 01-0850 per
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				Total number of	or pages includin	g cover sneet, attachment	s and document: _3

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PATENT

REEL: 011099 FRAME: 0761

ASSIGNMENT

Case No.: 4807.00013 Serial No.:

Inventors: Thomas J. Cloonan; Daniel W. Hickey; Ubaldo Cepeda; Gerald P. Ryan

Date of Execution

of Application: Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Cadant, Inc., a corporation of the State of Maryland

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Signal Splitter Matrix For a Cable Modem Termination System

and identified as:

Case No. 4807.00013

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

PATENT REEL: 011099 FRAME: 0762

WITNESS my hand and seal this day of \ \lambda \
Thomas J. Cloan
Thomas J. Cloonan
State of Ollinois
County of Quelage
The foregoing instrument was acknowledged before me this $\frac{25 \text{ M}}{25 \text{ m}}$ day of
aug., 2000 by Thomas J. Cloonen
NOTARY PUBLIC OFFICIAL SEAL
NOTARY PUBLIC OFFICIAL SEAL
NOTART FOBLIC LLANA C. BERNARD NOTARY PUBLIC, STATE OF ILLINOIS
\$ MY CUMMISSION EXCIDED 6 04 000. \$
1 A
WITNESS my hand and seal this 7) day of Agust, 2004 Daniel W. Hickey
Dal Well,
Daniel W. Hickey
State of Illinois
State of <u>Illinois</u> County of <u>Oulage</u>
The foregoing instrument was acknowledged before me this $2/5$ day of
Aug., 2000 by Oan W. Lickey
Hans O Benard
MOTARY PUBLIC SCAL
LLANA C. BERNARD NOTARY PUBLIC, STATE OF ILLINOIS
WITNESS my hand and seal this 25 day of Hugust, Jeoc. Witness my hand and seal this 25 day of Hugust, Jeoc.
WITNESS my hand and seal this \(\sigma \) day of \(\text{Hugust} \), \(\text{\$\delta \circ \c
World lyed
Ubaldo Cepeda
State of <u>Illinois</u>
County of Cultage
The foregoing instrument was acknowledged before me this 25th day of
Aug. 2000 by Ubaldo Caseda
Dana C. Bernard
NOTARY PUBLIC
OFFICIAL SEAL

OFFICIAL SEAL
LLANA C. BERNARD
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 6-21-2014

WITNESS my hand and seal this 25 day of Angust, 2000.
Gerald P. Ryan
State of
County of Outage
The foregoing instrument was acknowledged before me this 25th day of
Aug , 2000 by Deald P. Ryan
Slana C Bernard
NOTARY PUBLIC

OFFICIAL SEAL
LLANA C. BERNARD
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 6-21-2004

RECORDED: 09/12/2000