FORM PTO-1595			U.S. DEPARTMENT OF COMMI
(Rev.6-93)	05-19-	2000	Patent and Trademark
ATTORNEY DOCKET NO: 9150 (283359 To the Honorable Commissioner of Pa			tached original documents or copy the
To the Honorable Commissioner of Fr	101361	1539	tached original documents of copy me
1. Name of conveying party(ies):		2. Name and addr	ess of receiving party(ies):
Stephen F. Ramser		Name:	UNION SWITCH & SIGNAL INC.
Andy L. Davenport		Internal Address: Street Address:	UNION SWITCH & SIGNAL INC.
		City: Pittsburgh	State: PA Zip: 1521931
Additional name(s) of conveying party(ies) attached?		Additional name(s)) & address(es) attached? 🗆 YES 🖾 👸
] Merger		
□ Security Agreement □	Change of Name		
□ Other			
Execution Date: March 20, 2000; March 16, 20 4. Application number(s) or patent number(
••			
If this document is being filed together w	ith a new application	on, the execution dat	te of the application is:
A. Patent Application No.(s): 09/502,3	86	B. Patent No.(s)	
А	dditional numbers a	ttached? 🗌 Yes 🖾 N	
5. Name and address of party to whom corr concerning document should be mailed:	respondence	6. Total number of	of applications and patents involved: 1
Name: Kirk D. Houser			
Internal address: Street Address: Eckert Seamans Cherir 600 Grant Street, 44 th			
City: Pittsburgh State: PA	Zip: 15219	7. Testal Grav (27.6	CFR 3.41) \$ 40.00
		⊠ Enclo □ Auth	used or the charged to deposit account
		8. Deposit accourt	
		(Attach duplicat	e copy of this page if paying by deposit acco
2000 DNGUYEN 00000236 09502386	DO NOT USI	E THIS SPACE	
581 40.00 OP		c anality store and a	
9. Statement and signature. To the best of my knowledge and belief, the forgoriginal document.	going info r mation is	true and correct an	d any attached copy is a true copy of the
Kirk D. Houser1Registration No. 37,357Sign	hature		<u>April 28, 2000</u> Date
Total number of page	es including cover s	heet, attachments, a	nd documents: 3
	to be recorded with r of Patents and Tra	required cover shee	

PATENT REEL: 010788 FRAME: 0749

ASSIGNMENT

WHEREAS, **STEPHEN F. RAMSER**, residing at 2170 Clairmont Drive, Upper St. Clair, PA 15241, and **ANDY L. DAVENPORT**, residing at 106 McGeary Hollow Road, Leechburg, PA 15656, have invented certain new and useful improvements in <u>COMMUNICATION SYSTEM</u>, for which we have made application for United States Letters Patent Application Serial No. 09/502,386, filed February 11, 2000, and

WHEREAS	UNION SWITCH & SIGNAL, INC
	1000 Technology Drive
	Pittsburgh, PA 15219-3120

hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee. EXECUTED 20 MALC, 2000.

STEPHEN F. RAMSER

Commonwealth of Pennsylvania:

: SS: County of <u>Allegheny</u> :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared STEPHEN F. RAMSER, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

	urial seal this <u>20⁴</u> day of <u>March</u> ,
2000.	Michelle Belan
(Notarial Scal)	Notatari Authoic Michelle Belan, Notary Public Pittsburgh, Allegheny County My Commission Expires Nov. 17, 2003
AA A 11	Member, Pennsylvania Association of Notaries
EXECUTED March 16	, 2000.
ANDY LOAVENPORT	port

Commonwealth of <u>Pennsylvania</u>:

: SS: County of <u>Allegheny</u> :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared ANDY L. DAVENPORT, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

2000.	Witness	my	hand	and	notarial	seal	this	16th	day	of	March ,	
-------	---------	----	------	-----	----------	------	------	------	-----	----	---------	--

(Notarial Seal)

Notary Public

Michelle Belan

Notarial Seal Michelle Belan, Notary Public Pittsburgh, Allegheny County My Commission Expires Nov. 17, 2003 Member, Pennsylvania Association of Notaries

2 of 2

RECORDED: 05/01/2000