11/21/00

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TRA-ONEX-003 101548793 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of Conveying party(ies): 2. Name and address of receiving party(ies): Daniel C. Upp TranSwitch Corporation 3 Enterprise Drive Shelton, CT 06484 and **Onex Communications Corporation** 34 Crosby Drive 3. Nature of conveyance: Bedford, MA 01730 X Assignment o Merger o Security Agreement o Change o Name Additional name(s) & address(es) attached? o Yes X No Execution Date: 11/14/00 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) B. Patent No.(s) 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: David P. Gordon 65 Woods End Road X Enclosed Stamford, CT 06905 o Authorized to charge deposit account 8. Deposit account number: 07-1732 (attach duplicate page if paying by deposit account) 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. David P. Gordon Name of Person Signing Total number of pages including cover sheet, attachments, and document: 11/27/2000 MMGLDER1 00000135 09717440 03 Ft:581 40.00 BP

> PATENT REEL: 011319 FRAME: 0126

ASSIGNMENT

WHEREAS, I, **Daniel C. Upp**, hereinafter referred to as the "Inventor", a citizen of the United States whose post office address is 15 Pepper Tree Hill Lane, Southbury, CT 06488 have invented certain new and useful improvements in

A METHOD FOR SWITCHING ATM, TDM, AND PACKET DATA THROUGH A SINGLE COMMUNICATIONS SWITCH WHILE MAINTAINING TDM TIMING

as described and set fort	h in an applica	tion for I	Letters Patent	of the Ur	nited States	of America.
executed by me on the _					2000	
(Docket No. TRA-ONE)		•				

and whereas, transwitch corporation, a corporation duly organized incorporated and existing under the laws of Delaware and having a place of business at 3 Enterprise Drive, Shelton, CT 06484, and ONEX CORPORATION, a corporation duly organized incorporated and existing under the laws of Delaware and having a place of business at 34 Crosby Drive, Bedford, MA 01730, hereinafter referred to as the "said COMPANIES" are desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANIES, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

PATENT REEL: 011319 FRAME: 0127

AND I, for the conditions aforesaid, do hereby covenant and agree to and
with the said COMPANIES, its successors and assigns, that I, my executors, administrators, or
other personal representatives, shall and will do all lawful acts and things, make all rightful
oaths, and make, execute, and deliver any and all other instruments in writing, and any and a
further applications, papers, powers, affidavits, assignments, disclaimers and other documents
which in the opinion of counsel for said COMPANIES, its successors and assigns, may be
required or necessary in this or in any foreign country more effectually to secure to and vest
in said COMPANIES, its successors and assigns, the entire right, title and interest in and to said
invention, inventions, or improvements, application or applications, patents, rights, titles,
benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and
conveyed.

conveyed.	,,,,,,,,,	
this 474 day of 1	S WHEREOF, I, Daniel C. Upp have hereunto set my ha	and and seal
	Inventor	(LS.)
State of Connecticut)) SS:	
County of Fairfield)	
BE IT personally appeared Dan described in and who executed the same.	KNOWN, that on this // day of November hiel C. Upp, to me known and known to me to be the inequated the foregoing assignment and he acknowledged	, 2000, dividual to me that he

Notary Public

SEAL

My commission expires:

GLORIA J. VERDI Notary Public My Commission Expires April 30, 2004

RECORDED: 11/21/2000

PATENT REEL: 011319 FRAME: 0128