

ASSIGNMENT

WHEREAS WE, LEV VOLFTSUN of 2523 Fallon Drive, Herndon, VA 20171; CLAY H. NEIGHBORS of 11914 Sloane Court, Reston, VA 22091; FRED R. REDNOR of 5627 North 8th Street, Arlington, VA 22205; ANDREW HARDIE WEST of 10 Worcester Villas, Hove, East Sussex, BN3 5TB; DAVID AUERBACH of 2260 Gunsmith Square, Reston, VA 20191; and ADRIAN RICHARD KINGSTON of 14222 Lee Highway, #A18, Gainesville, VA 20155, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled PROTOCOL CONVERSION USING CHANNEL ASSOCIATED SIGNALING, executed by us on the date of execution of this document, as shown below, and for which an application for United States Letters Patent was filed on June 30, 1998, and identified by United States Serial No. 09/109,996;

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

Lev Volftsun

Date

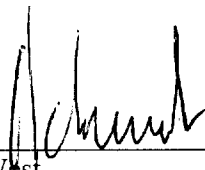
Clay H. Neighbors

Date

Fred R. Rednor

August 24, 1998

Date



Andrew H. West

Date

David Auerbach

Date

Adrian R. Kingston