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Tab settings ⇔ ⇔ ♥ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
Name of conveying party(ies): Alcatel Network Systems, Inc.	2. Name and address of receiving party(ies) Name: Alcatel Internal Address:
Additional name(s) of conveying party(iss) attached? Yes No 3. Nature of conveyance: Assignment Merger	Street Address: 54, ruc La Boetic
Security Agreement Change of Name Other Execution Date: March 2,2004	City: Paris State: France Zip: 75008 Additional name(s) & address(es) attached? state Yes No
A. Patent Application No.(s)	B. Patent No.(s) 5,923,450 6,157,475
5. Name and address of party to whom correspondence concerning document should be mailed: Name:Jessica W. Smith: Internal Address: Alcatel Intellectual Property Department Street Address:3400 W. Plano Parkway, MS LEGL2	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 80.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 50-0838
City: Plano State: TX Zip: 75075	(Attach duplicate copy of this page if paying by deposit account)
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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. Jessica W. Smith Reg. No. 39,884 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents:	

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, O.C. 20231

MAR-09-2004 15:02 ALCATEL USA, INC. 972 477 9328 P.03/03

ASSIGNMENT

For one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, Alcatel Network Systems, Inc., a Delaware corporation, having its principal place of business at 3400 W. Plano Parkway, Plano, Texas 75075 USA ("Assignor"), does hereby sell, assign, and transfer to: Alcatel, a corporation organized and existing under the laws of France, and having its principal place of business at 54, rue La Boétie, 75008 Paris, France ("Assignce"), its successors, assigns and legal representatives, the entire right, title and interest in and to any and all inventions, including any and all improvements thereto, which are described below.

The undersigned Assignor does hereby sell, assign, and transfer to Assignee the entire right, title and interest to all applications (including provisional, divisional, continuations, substitutions, reissues, and extensions), which have been or shall be filed in the United States and all foreign countries and under the terms of any treaties or conventions (including the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and the European Patent Convention) relating to said invention and any of said improvements; and in and to all rights of priority resulting from the filing of any such applications.

- U.S. patent application entitled Optical Channel Regulator and Method which was filed on September 30, 1998, assigned Serial No. 09/164,224, and issued U.S. Patent No. 5,923,450.
- U.S. patent application entitled Optical Channel Regulator and Method which was filed on December 16, 1998, assigned Serial No. 09/212,972, and issued U.S. Patent No. 6,157,475.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on the 9th day of March, 2004.

,NETWORK SYSTEMS, INC.

. Lawrence Sewell Managing IP Counsel, USA

RECORDED: 03/09/2004