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FORM PTO-1595  
(Rev. 6-93)  
OMD No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE  
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101821912

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Steve West; Dirk Brandis; Russ Smith; Frank Marrone**  
*8-16-01*

Additional name(s) of conveying party(ies) attached?  
 No  Yes

2. Name and address of receiving party(ies):  
Name: **Turin Networks**  
*76*

Internal Address: \_\_\_\_\_

3. Nature of Conveyance:  
 Assignment  Change of Name  
 Security Agreement  
 Other  
 Merger

Execution Date: 07/05/01, 07/12/01,

Street Address: **65 Willowbrook Boulevard**

City: **Wayne** State: **NJ** ZIP: **07470**

Additional name(s) & address(es) attached?  No  Yes

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)  
**09/872,125**

B. Patent No.(s)  
\_\_\_\_\_  
\_\_\_\_\_

Additional numbers attached?  
\_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

Internal Address: \_\_\_\_\_

Street Address: **12400 Wilshire Boulevard**  
**7th Floor**

City: **Los Angeles** State: **CA** ZIP: **90025**

6. Total number of applications and patents involved: **1**

7. Total Fee (37 CFR 3.41).....\$ **40.00**  
 Enclosed  
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8. Deposit Account Number:  
**02-2666**  
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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document*

08/23/2001  
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**Paul A. Mendonsa, Reg. No. 42,879**  
Name of Person Signing

*Paul A. Mendonsa*  
Signature

**August 14, 2001**  
Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner of Patents, Box Assignments  
Washington, D.C. 20231

Attorney Docket No. **5043P013**

**PATENT**  
**REEL: 012091 FRAME: 0909**

**ASSIGNMENT**  
(For Execution After Filing Patent  
Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Steve West; Dirk Brandis; Russ Smith; Frank Marrone**

hereby sell, assign, and transfer to:

**Turin Networks**

a corporation of Delaware, having a principal place of business at 65 Willowbrook Boulevard, Wayne, New Jersey 07470, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that was filed May 31, 2001, and assigned Application No. 09/872,125 and is entitled:

**DISTRIBUTED CONTROL OF DATA FLOW IN A NETWORK SWITCH**

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

