

PATENT APPLICATION  
Attorney Do. No. 2705-368

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Ralph E. Droms and Madhu Sudan

Serial No.: 11/026,641

Filed: December 30, 2004

For: NEIGHBOR DISCOVERY IN CABLE NETWORKS

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1. Name of parties conveying an interest: (1) Ralph E. Droms  
(2) Madhu Sudan
  2. Name and address of party receiving an interest: Cisco Technology, Inc.  
170 West Tasman Drive  
San Jose, California 95134-1706
  3. Description of the interest conveyed:  
☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger  
☐ Other:
- Date of execution of attached document: (1) December 27, 2004  
(2) December 28, 2004
4. Application number(s) or patent number(s): 11/026,641  
Additional sheet attached? Yes ☐ No ☒

If this document is being filed together with a new application, the execution date of the application is:

- (1) December 27, 2004  
(2) December 28, 2004

OP \$40.00 11026641

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

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MARGER JOHNSON & McCOLLOM, P.C.  
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6. Number of applications and patents involved: one
7. PTO Form 2038 authorizing credit card payment of \$40 for the recordal fee.
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9. 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.

Dated: March 9, 2005

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Julie L. Reed  
Julie L. Reed  
Registration No. 35,349

Total number of pages comprising  
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Signature Janet Sullivan  
Name: Janet Sullivan

PATENT APPLICATION  
Attorney Do. No. 2705-368  
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**ASSIGNMENT**

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**Title of Invention:** NEIGHBOR DISCOVERY IN CABLE NETWORKS

U.S. Patent Application:

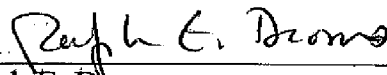
**Application Serial No.:** 11/026,641

**Filing Date:** December 30, 2004

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

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Executed at WESTFOLD, Massachusetts, this 27<sup>th</sup> day of December, 2004.

  
\_\_\_\_\_  
Ralph E. Droms  
Assignor

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Executed at SAN JOSE, California, this 28 day of December, 2004.

Madhu Sudan.

Madhu Sudan  
Assignor