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Patent and Trademark Office
Attorney Docket No.: LAMA118161

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1. Submission Type

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2. Conveyance Type:

Assignment Security Agreement

License Change of Name

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3. Names of conveying parties: Execution Date:

Wayne D. Grover October 12, 2001

John Doucette October 12, 2001

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

4. Name and address of receiving party:

Name: Telecommunications Research Laboratories
an Alberta corporation

Address: 800 Park Plaza
10611 - 98 Avenue
Edmonton, Alberta T5K 2P7
Canada

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

1011 U.S. PTO
10/000715
10/19/01

5. Application number(s) and/or patent number(s):

A. Patent Application No(s). B. Patent No(s).

Additional numbers attached? Yes No

10/000715

If this document is being filed together with a new patent application, enter the date the patent application was signed by the first named executing inventor: October 12, 2001

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

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7. Total number of applications and/or patents involved: 1

8. Total fee (37 C.F.R. 3.41):..... \$40.00

Enclosed Check No. 132 842 includes the recordation fee.

9. The fee is authorized to be charged to Deposit Account No. 03-1740. (A duplicate copy of this page is enclosed.)

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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.

Kevan L. Morgan
Name of Attorney or Agent
Registration No. 42,015
Direct Dial 206.695.1712

Kevan L. Morgan
Signature

October 19, 2001
Date

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

KLM/mc

ASSIGNMENT

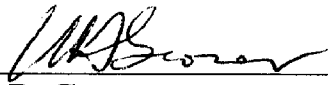
WHEREAS we, **Wayne D. Grover** and **John Doucette**, (ASSIGNORS) have invented new and useful improvements in an invention entitled: **DESIGN OF A META-MESH OF CHAIN SUB-NETWORKS** for which an application for United States Letters Patent is filed herewith in the United States Patent and Trademark Office, and for which an application for Canadian Letters Patent is filed herewith in the Canadian Patent Office.

AND WHEREAS **Telecommunications Research Laboratories**, an Alberta corporation, of **800 Park Plaza, 10611 - 98 Avenue, Edmonton, Alberta, Canada, T5K 2P7** (Assignee) has acquired from us the whole right, title, and interest for the United States of America and all other countries in the invention and in any Letters Patent that may be obtained for the invention and in the application;

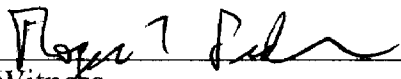
NOW THEREFORE, in consideration of the sum of Ten Dollars, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, WE by these presents confirm that WE have assigned to the Assignee and do hereby assign all of OUR interest in the invention in the United States of America and all other countries and all of OUR interest in any Letters Patent which may be granted for the invention, and all of OUR interest in the application, and in any divisions, continuations, continuations-in-part and extensions of the application.

We agree that we will without further consideration, but at the expense of Assignee, do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees and we authorize the Assignee to claim all rights of priority.

SIGNED this 12th day of October, 2001, at Edmonton, Alberta, Canada.



Wayne D. Grover



Witness
Print witness name: