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Docket No.: 84201-1302 ADB

U.S. DEPARTMENT OF COMMERCE  
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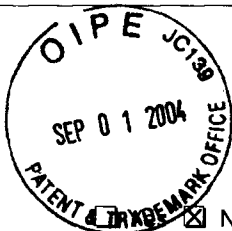
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1. Name of conveying party(ies):

David E. Dodds  
Bernardo Celaya  
Terence Momteith



Additional names(s) of conveying party(ies)

☒ No

2. Name and address of receiving party(ies):

Name: Telecommunications Research Laboratory

Internal Address: 7th Floor, 9107-116 Street, N.W.,

Edmonton, Alberta, Canada T6G 2V4

Street Address: same as above

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

3. Nature of conveyance:

☒ Assignment

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Execution Date: July 30th & August 9th, 2004

4. Application number(s) or patent numbers(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

10/832,472

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mr. Adrian D. Battison

Internal Address: Ade & Company

1700-360 Main Street, Winnipeg, Manitoba,

Canada R3C 3A23

Street Address: same as above

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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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.

Adrian D. Battison

Name of Person Signing

Signature

August 31, 2004

Date

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

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PATENT

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## **ASSIGNMENT**

We, **DAVID E. DODDS**, whose full post office address is 81 Philips Crescent, Saskatoon, Saskatchewan, Canada, S7H 3M9, **BERNARDO CELAYA**, whose full post office address is 1304-103 Cumberland Avenue, Saskatoon, Saskatchewan, Canada, S7N 1I6 and **TERENCE MONTEITH**, whose full post office address is 1626 Louise Avenue, Saskatoon, Saskatchewan, Canada, S7H 2R4, respectively, in consideration of \$1.00 and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged do hereby sell and assign to **TELECOMMUNICATIONS RESEARCH LABORATORY**, whose full post office address is 7<sup>th</sup> Floor, 9107-116 Street, N.W., Edmonton, Alberta, Canada, T6G 2V4, all our interest in the United States, Canada and in all other countries in and our invention relating to **"WIDEBAND FREQUENCY DOMAIN REFLECTOMETRY TO DETERMINE THE NATURE AND LOCATION OF SUBSCRIBER LINE FAULTS"**, as fully described and claimed in our United States application for a patent for such invention, filed April 27, 2004, Serial No; 10/832,472 and any and all divisional applications together with the entire right, title and interest in and to said application, any and to all divisional applications thereof, the right to claim priority therefrom under the International Convention, and any and all Letters Patent which may issue or be re-issued for said invention to the full end of the term for which each said Letters Patent may be granted; and hereby authorized the issuance to said assignee of any and all said Letters Patent not already issued as the assignee of entire right, title and interest in and to the same, for the sole use and benefit of said assignee, its successors, assigns or legal representatives; and hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications, and other instruments as may reasonably be

required by said assignee, its successors, assigns or legal representatives, to obtain any and all Letters Patent for said invention and vest the same in said assignee, its successors, assigns or legal representatives.

Signed at      Saskatoon, Saskatchewan, Canada  
This    30<sup>th</sup>    day of    *July*    , 2004.

WITNESS:

*Vera Zubicic*

*David E. Dodds*  
David E. Dodds

Signed at      Saskatoon, Saskatchewan, Canada  
This    30<sup>th</sup>    day of    *July*    , 2004.

WITNESS:

*Vera Zubicic*

*[Signature]*  
Bernardo Celaya

Signed at      Saskatoon, Saskatchewan, Canada  
This    9    day of    *August*    , 2004.

WITNESS:

*Vera Zubicic*

*[Signature]*  
Terence Monteith