

04-29-2004

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

## 1. Name of conveying party(ies):

Douglas Leith  
Robert N. Shorten

4-21-04

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

Name: National University of Ireland Maynooth

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

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: \_\_\_\_\_

City: Maynooth County: Kildare Country: Ireland

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

Execution Date: 04/19/04

## 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: April 21, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

10829105

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

Name: Kevin A. Oliver

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

Foley Hoag, LLP

Seaport World Trade Center West

Street Address: 155 Seaport Blvd.

City: Boston State: MA Zip: 02210-2600

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

7. Total fee (37 CFR 3.41) .....\$ 40

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

06-1448, FRO-001.01

(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.

Kevin A. Oliver

Name of Person Signing

Signature

April 21, 2004

Date

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

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

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

04/28/2004 6TOW11 00000121 061448 10829105

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PATENT  
REEL: 015260 FRAME: 0281

## ASSIGNMENT

Whereas we, Douglas Leith, whose residence address is 1 Four Oaks, Off Oaklands Crescent, Rathgar, Dublin 6, Ireland, and Robert Shorten, whose residence address is 15 Eden Grove, Grange Road, Rathfarnham, Dublin 16, Ireland, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled CONGESTION CONTROL IN DATA NETWORKS, identified by Foley Hoag LLP Docket No. FRO-001.01; and

Whereas National University of Ireland Maynooth, a constituent college of the National University of Ireland, whose address is County Kildare, Ireland, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, the receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history

thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

19/4/04  
Date

D. L.  
Douglas Leith, Inventor

19/4/04  
Date

A. Crossan  
Witness

ANDREW CROSSAN  
Witness's Printed Name

19/4/04  
Date

R. N. Short  
Robert Shorten, Inventor

19/4/04  
Date

Oliver Mason  
Witness

OLIVER MASON  
Witness's Printed Name