

11/04/04

11-12-2004

Commissioner of Patents & Trademarks

Washington, D.C. 20231

Form PTO-1595

RECORD

(Rev. 03/01)



U.S. DEPARTMENT OF COMMERCE

S. PATENT AND TRADEMARK OFFICE

102880212

To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:

1. Name of Conveying Party(ies):

Brendan MCDONAGH

Augustine COLLINS

Philip William BECK

Thomas MORRISROE

2. Name and Address of Receiving Party(ies):

Name: ARAN COMMUNICATIONS LIMITED

Street Address: Blackrock Business Park

Street Address: Carysfort Avenue, Blackrock

City: County Dublin

State/Country: Ireland Postal Code:

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

Additional name(s) and addresses attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Change of Name

☐ Security Agreement

☐ Other:

☐ Merger

Execution Date: 10-29-04, 11-04-04, 11-03-04 & 10-29-04

4. Application Number(s) or Patent Number(s):

☒ Assignment is being filed together with new application and the first execution date of application is : 10-29-04

☐ Application has been filed already and the application filing date is:

A. Patent Application Number(s):

B. Issued Patent Number(s):

11/05/2004 SDENB081 00000024 10980248

03 FC:8021

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

CUSTOMER NUMBER 00136 -or-

JACOBSON HOLMAN PLLC

400 Seventh Street, N.W.

Washington, D.C. 20004-2218

Tel. 202-638-6666

Attorney Docket Number: P70229US0

6. Total number of applications and patents involved: 1

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

☒ Enclosed

☒ Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.

DO NOT USE THIS SPACE

8. 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.

John C. Holman 22,769

November 4, 2004

Name of Person Signing, Reg. No.

Signature

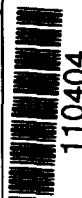
Date

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

4

JCH 103-2/02

19249 U.S. PTO
10/980248



110404

103

UNITED STATES OF AMERICA - ASSIGNMENT

(1-5) Insert Name(s) of Inventor
(1) McDONAGH, Brendan
(2) COLLINS, Augustine
(3) BECK, Philip William
(4) MORRISROE, Thomas and
(5)

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to

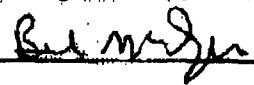
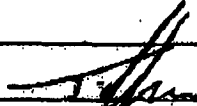
(6) Insert Name of Assignee (6) ARAN COMMUNICATIONS LIMITED
(7) Insert Address of Assignee (7) of Blackrock Business Park, Caryfort Avenue, Blackrock, County Dublin, Ireland
(8) a Company of Ireland

(8) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan)
(9) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (9) (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as "Telecommunications network subscriber experience measurement"

(10) Insert Date of signing of Application, or filing date and Serial No., if known (10) for which the undersigned has (have) executed an application for patent in the United States of Said application having been executed on November 4, 2004 (and assigned) Serial No.

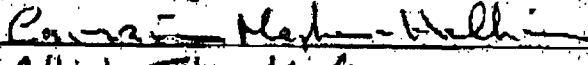

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.
- 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.
- 7) The undersigned hereby grant(s) the law firm of Jacobson Holman PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	29/10/2004	Name of Inventor	McDONAGH, Brendan		(SEAL)
			typed name	signature	
Date		Name of Inventor	COLLINS, Augustine		(SEAL)
			typed name	signature	
Date		Name of Inventor	BECK, Philip William		(SEAL)
			typed name	signature	
Date	29/10/2004	Name of Inventor	MORRISROE, Thomas		(SEAL)
			typed name	signature	
Date		Name of Inventor			(SEAL)
			typed name	signature	

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

☐ Additional inventor's names and signatures on a separate sheet.

Witness 
Witness 

LAW OFFICES OF
JACOBSON HOLMAN
PROFESSIONAL LIMITED LIABILITY COMPANY
THE JENIFER BUILDING
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004
JH 5/01 (Copying without deletions permitted)

NOT AVAILABLE COPY

2 of 3

UNITED STATES OF AMERICA • ASSIGNMENT

(1-4) Insert Number(s) of Inventor	(1) <u>INDEPENDENT, Brandon</u>
	(2) <u>COLLIER, Anthony</u>
	(3) <u>SEDL, Philip William</u>
	(4) <u>NOVOTNICK, Thomas</u>
	(5) _____
(5) Insert Name of Assignee	(6) <u>ARAB COMMUNICATIONS LIMITED</u>
(7) Insert Address of Assignee	(7) <u>of Blackrock Business Park, Caryfort Avenue, Blackrock, County Dublin, Ireland</u>
(8) Insert Legal Entity and State or Country (i.e., a corporation or state of origin)	(8) <u>a company of Ireland</u>
(9) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	(9) <u>"Telecommunications network subscriber information measurement"</u>
(10) Insert Date of filing of Application, or filing date and Serial No., if known	(10) <u>for which the undersigned has (have) secured an application for patent in the United States of</u> <u>this application having been filed on November 4, 2004 (and assigned)</u> <u>Serial No. _____</u>

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications and also to execute separate assignments in connection with this application as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any inventions which may be declared necessary this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such inventions.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Intellectual Property or similar organizations.

4) The undersigned hereby to perform all services and acts which may be necessary to obtain a grant of a valid United States patent to the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the priority interest, and hereby warrants that he has (they have) full right to convey the above interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.

5) Assignor hereby further assigns to Assignee all rights and claims of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

6) The undersigned hereby grants the law firm of Jacobson Holman PLLC, 420 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further provisions which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recording of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Name of Inventor _____	Signature _____	(SEAL)
Date <u>4 Nov. 04</u>	Name of Inventor _____	Signature <u>X [Signature]</u>	(SEAL)
Date _____	Name of Inventor _____	Signature _____	(SEAL)
Date _____	Name of Inventor _____	Signature _____	(SEAL)
Date _____	Name of Inventor _____	Signature _____	(SEAL)
Date _____	Name of Inventor _____	Signature _____	(SEAL)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

☐ additional inventor's names and signatures on a separate sheet.

Witness X [Signature]

Witness X [Signature]

LAW OFFICE OF
JACOBSON HOLMAN
 PROFESSIONAL LIMITED LIABILITY COMPANY
 THE JEFFERSON BUILDING
 400 SEVENTH STREET, N.W.
 WASHINGTON, D.C. 20004
 (415) 701 (calling without collect calls permitted)

3083

UNITED STATES OF AMERICA - ASSIGNMENT

(1-5) Inventor Name(s) of Invention (1) WACHOWSKI, Jonathan
(2) COLEMAN, Alan
(3) POPE, Paul
(4) WACHOWSKI, Thomas and
(5) _____
In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and validity of which are hereby acknowledged, the undersigned hereby assign, transfer and sell over to
(6) Invent Name of Assignee (6) ARAN COMMUNICATIONS LIMITED
(7) Invent Address of Assignee (7) of Blumenthal Business Park, Conyngham Avenue, Blackrock, County Dublin, Ireland
(8) Invent Legal Entity and State or Country (p.e. a corporation or nation of Japan) (8) a Company of Ireland
(9) Invent Identification of Invention (9) Telephone network subscriber experience measurements
(10) Invent Date of signing of Application, or filing date and Serial No., if known (10) for which the undersigned has (have) executed an application for patent in the United States of said application having been published on November 4, 2004 (and assigned) Serial No. _____

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications heretofore and hereafter filed by the Assignee in every way possible in obtaining evidence and going forward with such interference.
3) The undersigned agree(s) to execute all papers and instruments and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Intellectual Property or similar agreements.
4) The undersigned agree(s) to execute all documents which may be necessary to obtain a grant of a valid United States patent to the undersigned.
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof in the name of the undersigned, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.
6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all past or future future infringement.
7) The undersigned hereby grant(s) the Attorney of Jacobson Holman PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to execute on the assignment any further documents which may be necessary or advisable in order to comply with the rules of the United States Patent and Trademark Office for recording of this document.

In witness whereof, executed by the undersigned on the date(s) appears the undersigned name(s).

Date _____	Name of Inventor	<u>Jonathan Wachowski</u>	(SEAL)
		<u>Alan Coleman</u>	signature
Date _____	Name of Inventor	<u>Paul Pope</u>	(SEAL)
		<u>Thomas Wachowski</u>	signature
Date <u>03 Nov 04</u>	Name of Inventor	<u>Jonathan Wachowski</u>	(SEAL)
		<u>Alan Coleman</u>	signature
Date _____	Name of Inventor	<u>Paul Pope</u>	(SEAL)
		<u>Thomas Wachowski</u>	signature
Date _____	Name of Inventor	<u>Jonathan Wachowski</u>	(SEAL)
		<u>Alan Coleman</u>	signature
Date _____	Name of Inventor	<u>Paul Pope</u>	(SEAL)
		<u>Thomas Wachowski</u>	signature

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

☐ Additional inventor's names and signatures on a separate sheet.

Witness

Witness

Michael Gordon Markip
Cliden Korny

LAW OFFICES OF
JACOBSON HOLMAN
PROFESSIONAL LIMITED LIABILITY COMPANY
THE JOHNSON BUILDING
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PATENT

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