FORM PTO-15! OMB No. ((exp 6/3

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FORM COVER SHEET INTS ONLY

U.S. Department of Commerce Fate it and Trademark Office (Attorney Docket No. 10633.0008 Attorney Customer Number: 22,852

To the D	103541563	Please record the at	ttached original documents or copy thereof.
1.	Name of conveying party(ies): 1) Marco AREDDU 2) Virginia MORETTI 3) Riccardo RUSSO	2.	Name and address of receiving party(ies): ne: TELECOM ITALIA, S.p.A.
Addition	al name(s) of conveying party(ies) attached?	Yes ⊠ No Inter	rnal Address:
3. Executio	Nature of conveyance/Execution Date(s): on Dates _July 28, 2006	Stree	pet Address: Piazza degli Affari, 2, 20123 Milano,
	Assignment Merger	City:	
	Security Agreement	Name State	te: Zip Code:
	Joint Research Agreement		
	Government Interest Assignment		
	Executive Order 9424, Confirmatory License	Addi	litional name(s) & Address(es) attached?
	Other		☐ Yes
4.	Application number(s) or patent number(s)	⊠ This	s document is being filed together with a new application
Α.	Patent Application Number(s):	B.	Patent Number(s):
5.	Name and address of to whom correspond document should be mailed:		Total number of applications and registrations involved:
Name:	Mr. Ernest F. Chapman	7.	Total fee (37 CFR 3.41): \$40
		DOWN OARDSTT A R	□ Authorized to be charged by credit card □ Authorized to be charged to deposit account □ Enclosed (Please charge deficiency to deposit account) □ None required (government interest not affecting title) Payment Information
Internal	Address: FINNEGAN, HENDERSON, FARA & DUNNER, L.L.P.	BOW, GARRETT 8. P	•
Street A	Address: 901 New York Avenue, NW		a. Credit Card Last 4 Numbers Expiration Date
City:	Washington, D.C.		b. Deposit Account No.: 06-0916
State:	Zip: 20001	-4413	Authorized User Name
8.	Statement and signature.		the original
To the to	pest of my knowledge and belief, the foregoing in ent.	nformation is true and co	orrect and any attached copy is a true copy of the origina
	Ernest F. Chapman	Taff (VIII)	December 22, 2008 Date
	Reg. No. 25,961	Signature	
23/2008	EFLORES 00000060 12304709mber of pages inclu	ding cover sheet, attachi	ments and documents: 3

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WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD AND DEVICE FOR MONITORING TELEPHONE NETWORK PERFORMANCE

for which I/We filed an international patent application having no. PCT/EP2006/063504 under the Patent Cooperation Treaty (PCT) on June 23, 2006; and

WHEREAS, TELECOM ITALIA S.p.A., a corporation of Italy whose post office address is Piazza degli Affari, 2 – 20123 Milano Italy (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. _______, filed _______ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent which may be granted thereon, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any country and all Letters Patent which may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Marco AREDDU	ASSIGNOR'S SIGNATURE	2 8 LUG 2008
ADDRESS TELECOM ITALIA S.p.A., Via G. Relss Romoli 274, Tor	CITIZENSHIP	
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Virginia MORETTI	ASSIGNOR'S SIGNATURE	28 LUG 2006
ADDRESS TELECOM ITALIA S.p.A., Via G. Reiss Romoli 274, Tor	CITIZENSHIP	
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		

Page 1 of 2

PATENT REEL: 022058 FRAME: 0538

isting of Assignors Continued From Page 1 h	2	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Riccardo RUSSO	ASSIGNOR'S SIGNATURE,	2.8 LUG 2006
ADDRESS TELECOM ITALIA S.p.A., Via G. Reiss Romoli 274, Tol	CITIZENSHIP ITALY	
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		
7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		
8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		
9. FULL NAME OF NINTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITTNESS (WHERE APPLICABLE)		

PATENT REEL: 022058 FRAME: 0539

RECORDED: 12/22/2008