_	Ala 531.4.	IADIS BOO'N DETIPTO 1 1 APR 2007	
	FORM PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp 6/30/2008)  O4 - 19 - 2007	R SALET 1 1100 10 10.9. Department of Commerce Patent and Trademark Office Attorney Docket No. 09952.0119 Attorney Customer Number: 22,852	
	To the Director of the U.S. Pa	the attached original documents or copy thereof.	
-	103397019	2. Name and address of ecoving party(ics):	
7	1) Davide FILIZÓLA 2) Dario PARATA	Name: TELECOM ITALIA S.p.A.	
	3) Emanuele GRIMANI		
	Additional name(s) of conveying party(ies) attached?   Yes   No	Internal Address:	
<b>'</b>	3. Nature of conveyance/Execution Date(s): Execution Dates November 2, 2004	Street Address: Piazza degli Affari, 2, 20123 Milano, Italy	
		City:	
	☐ Security Agreement ☐ Change of Name	State: Zip Code:	
	Joint Research Agreement		
İ	Government Interest Assignment	Additional name(s) & Address(es) attached?	
	Executive Order 9424, Confirmatory License	· · ·	
	Other	☐ Yes	
į	4. Application number(s) or patent number(s):	This document is being filed together with a new application.	
	A. Patent Application Number(s):	B. Patent Number(s):	
		11/11/20	
	Additional numbers attached?	/1/66507) □ Yes ⊠ No	
	5. Name and address of to whom correspondence concerning document should be mailed:	6. Total number of applications and registrations involved:	
	Name: Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40	
4/	3/2007 MKAYPAGH 00000121 11665027	☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed (Please charge deficiency to deposit account)	
١,	C:8021 (40.00 OF )	None required (government interest not affecting title)	
Ì	Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT	8. Payment Information	
Ī	& DUNNER, L.L.P. Street Address: 901 New York Avenue, NW	a. Credit Card Last 4 Numbers Expiration Date	
	City: Washington, D.C.	b. Deposit Account No.: <u>06-0916</u>	
ľ	State: Zip: 20001-4413	Authorized User Name	
Ī	8. Statement and signature.		
	To the best of my knowledge and belief, the foregoing information is true a document.	and correct and any attached copy is a true copy of the original	
-	Sall C		
	Ernest F. Chapman  Reg. No. 25,961  Signa	April 11, 2007  Date	
	Total number of pages including cover sheet, attachments and documents: 3		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

## IAP13 Recid PCT/PTO 11 APR 2007 ASSIGNMENT 11/665077

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

## METHOD AND SYSTEM FOR DETERMINING THE PRESENCE OF A TERMINAL IN A TARGET SPACE IN A COMMUNICATION NETWORK, RELATED NETWORK AND COMPUTER PROGRAM PRODUCT

for which I/We filed an international patent application having no. **PCT/IB2004/003372** under the Patent Cooperation Treaty (PCT) on **15 October 2004**; 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
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;
AND, I/WE HEREBY authorize and request the attorneys empowered by an appropriate Power of Attorney in any national patent application claiming priority to this international application to provide any further identification of the national patent application that may be necessary or desirable for purposes of recordation of this Assignment in a Patent Office of any country, such as by inserting the application number and filing date of the national application here in parentheses (Application No
IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).
1. FULL NAME OF SOLE OR FIRST ASSIGNOR ASSIGNOR'S SIGNATURE

Dend Klisdo Davide FILIZOLA U Z NUV. 2004 CITIZENSHIP TELECOM ITALIA S.p.A., Via G. Reiss Romoli 274, Torino, Italy **ITALY** SIGNATURE OF WITTNESS (WHERE APPLICABLE) 2. FULL NAME OF SECOND ASSIGNOR, IF ANY 0^2 NOV. 2004 ASSIGNOR'S SIGNATURE Dario PARATA CITIZENSHIP TELECOM ITALIA S.p.A., Via G. Reiss Romoli 274, Torino, Italy ITALY SIGNATURE OF WITTNESS (WHERE APPLICABLE) PATENT

REEL: 019202 FRAME: 0776

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Emanuele GRIMANI	ASSIGNOR'S SIGNATURE	0°2 <sup>™</sup> 110V. 2004
Emanuele Grimani	Enouel Grani	y 2 1104. 2004
ADDRESS TELECOM ITALIA S.p.A., Via G. Reiss Romoli 274, Tori	•	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)	<del></del>	<del></del>
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	<del></del>	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)		

RECORDED: 04/11/2007 **REEL: 019202 FRAME: 0777** 

**PATENT**