

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Marco CARETTI</td><td>04/17/2009</td></tr><tr><td>Claudio CICCONETTI</td><td>04/17/2009</td></tr><tr><td>Ivano Salvatore COLLOTTA</td><td>04/17/2009</td></tr><tr><td>Paolo TONGIANI</td><td>04/17/2009</td></tr><tr><td>Luciano LENZINI</td><td>04/17/2009</td></tr><tr><td>Enzo MINGOZZI</td><td>04/17/2009</td></tr></tbody></table>	Name	Execution Date	Marco CARETTI	04/17/2009	Claudio CICCONETTI	04/17/2009	Ivano Salvatore COLLOTTA	04/17/2009	Paolo TONGIANI	04/17/2009	Luciano LENZINI	04/17/2009	Enzo MINGOZZI	04/17/2009	
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Luciano LENZINI	04/17/2009														
Enzo MINGOZZI	04/17/2009														
RECEIVING PARTY DATA															
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Street Address:	Piazza degli Affari, 2														
City:	Milano														
State/Country:	ITALY														
Postal Code:	20123														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13142632</td></tr></tbody></table>	Property Type	Number	Application Number:	13142632											
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CORRESPONDENCE DATA															
Fax Number: (202)408-4400 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	09952.0514-00000														
NAME OF SUBMITTER:	Ann Denikos														
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif															

OP \$40.00 13142632

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PATENT  
REEL: 026520 FRAME: 0129

## ASSIGNMENT

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

### METHOD AND SYSTEM FOR DOWNLINK TRANSMISSION SCHEDULING IN MULTI-CARRIER NETWORKS

for which I/We filed an international patent application having no. **PCT/EP2008/068380** under the Patent Cooperation Treaty (PCT) on **December 31, 2008**; 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 reissues thereof, 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;

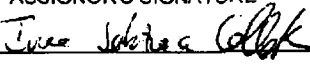
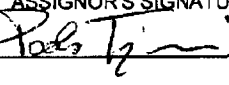
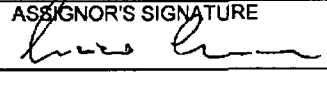
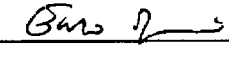
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

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;

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. \_\_\_\_\_, filed \_\_\_\_\_).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Marco CARETTI	ASSIGNOR'S SIGNATURE <i>Marco Caretti</i>	DATE 17 APR 2009
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SIGNATURE OF WITNESS (WHERE APPLICABLE)		
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Claudio CICONETTI	ASSIGNOR'S SIGNATURE <i>Claudio Ciconetti</i>	DATE 17 APR 2009
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3. FULL NAME OF THIRD ASSIGNOR, IF ANY Ivano Saltavore COLLOTTA	ASSIGNOR'S SIGNATURE 	DATE 17 APR 2009
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4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Paolo TONGIANI	ASSIGNOR'S SIGNATURE 	DATE 17 APR 2009
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7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
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SIGNATURE OF WITNESS (WHERE APPLICABLE)		
8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITNESS (WHERE APPLICABLE)		
9. FULL NAME OF NINTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
SIGNATURE OF WITNESS (WHERE APPLICABLE)		