

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Giuseppe GRASSANO	03/19/2007
Vincenzo BOFFA	03/19/2007
Fabrizio GATTI	03/19/2007
Luca RISI	03/19/2007
Alfredo RUSCITTO	03/19/2007
Paolo SEMENZATO	03/19/2007

RECEIVING PARTY DATA

Name:	TELECOM ITALIA S.p.A.
Street Address:	Piazza degli Affari, 2
City:	Milano
State/Country:	ITALY
Postal Code:	20123

Name:	Pirelli & C. S.p.A.
Street Address:	Via G. Negri, 10
City:	Milano
State/Country:	ITALY
Postal Code:	20123

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12312845

CORRESPONDENCE DATA

Fax Number: (202)408-4400
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 202 408 4096
 Email: Michelle.Daniels@finnegan.com

OP \$40.00 12312845

500972591

**PATENT
 REEL: 023285 FRAME: 0733**

Correspondent Name: Ernest F. Chapman
Address Line 1: 901 New York Avenue, NW
Address Line 4: Washington, DISTRICT OF COLUMBIA 20001-4413

ATTORNEY DOCKET NUMBER:	05788.0482
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NAME OF SUBMITTER:	Michelle L. Daniels
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Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif
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ASSIGNMENT

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

A DELAY ELEMENT AND A CORRESPONDING METHOD

for which I/We filed an international patent application having no. **PCT/EP2006/011498** under the Patent Cooperation Treaty (PCT) on **November 30, 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 Assignees) and PIRELLI & C. S.p.A., a corporation of Italy whose post office address is Via G. Negri, 10 - 20123 Milano Italy, are desirous of securing jointly to themselves 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;

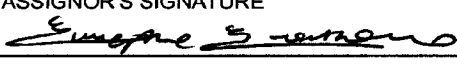
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, their lawful successors and assigns, 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 Assignees, their successors and assigns, in accordance with the terms of this Assignment;

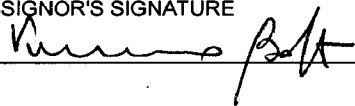

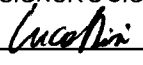

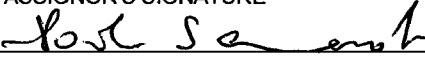
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignees, their 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 Assignees, their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their 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 Assignees, their 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. 12/312,845, filed 05/29/2009).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Giuseppe GRASSANO	ASSIGNOR'S SIGNATURE 	DATE 19 MAR. 2007
ADDRESS PIRELLI LABS S.p.A., Viale Sarca 222, Milano, Italy		CITIZENSHIP ITALY
SIGNATURE OF WITNESS (WHERE APPLICABLE)		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Vincenzo BOFFA	ASSIGNOR'S SIGNATURE 	DATE 19 MAR. 2007
ADDRESS PIRELLI LABS S.p.A., Viale Sarca 222, Milano, Italy		CITIZENSHIP ITALY
SIGNATURE OF WITNESS (WHERE APPLICABLE)		
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Fabrizio GATTI	ASSIGNOR'S SIGNATURE 	DATE 19 MAR. 2007
ADDRESS PIRELLI LABS S.p.A., Viale Sarca 222, Milano, Italy		CITIZENSHIP ITALY
SIGNATURE OF WITNESS (WHERE APPLICABLE)		
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Luca RISI	ASSIGNOR'S SIGNATURE 	DATE 19 MAR. 2007
ADDRESS PIRELLI LABS S.p.A., Viale Sarca 222, Milano, Italy		CITIZENSHIP ITALY
SIGNATURE OF WITNESS (WHERE APPLICABLE)		
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY Alfredo RUSCITTO	ASSIGNOR'S SIGNATURE 	DATE 19 MAR. 2007
ADDRESS TELECOM ITALIA S.p.A., Via G. Reiss Romoli 274, Torino, Italy		CITIZENSHIP ITALY
SIGNATURE OF WITNESS (WHERE APPLICABLE)		
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY Paolo SEMENZATO	ASSIGNOR'S SIGNATURE 	DATE 19 MAR. 2007
ADDRESS TELECOM ITALIA S.p.A., Via Di Val Cannuta 186, Roma, Italy		CITIZENSHIP ITALY
SIGNATURE OF WITNESS (WHERE APPLICABLE)		
7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
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)		