

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Valeria D'AMICO	12/01/2006
Maurizio FODRINI	12/01/2006
Bruno MELIS	12/01/2006
Alfredo RUSCITTO	12/01/2006

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12312846

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	09952.0485
NAME OF SUBMITTER:	George A. Hinton, Jr.

Total Attachments: 2
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OP \$40.00 12312846

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**PATENT
 REEL: 023867 FRAME: 0603**

ASSIGNMENT

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

SWITCHED BEAM ANTENNA WITH DIGITALLY CONTROLLED WEIGHTED RADIO FREQUENCY COMBINING

for which I/We filed an international patent application having no. **PCT/EP2006/011430** under the Patent Cooperation Treaty (PCT) on **November 29, 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. 12/312,846, filed May 29, 2009).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Valeria D'Amico	ASSIGNOR'S SIGNATURE 	DATE 01 DIC 2006
ADDRESS TELECOM ITALIA S.p.A., Via G. Reiss Romoli 274, Torino, Italy		CITIZENSHIP ITALY
SIGNATURE OF WITNESS (WHERE APPLICABLE)		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Maurizio FODRINI		ASSIGNOR'S SIGNATURE <i>Maurizio Fodrini</i>	DATE 01 DIC 2006
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3. FULL NAME OF THIRD ASSIGNOR, IF ANY Bruno MELIS		ASSIGNOR'S SIGNATURE <i>Bruno Melis</i>	DATE 01 DIC 2006
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4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Alfredo RUSCITTO		ASSIGNOR'S SIGNATURE <i>Alfredo Ruscitto</i>	DATE 01 DIC 2006
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5. FULL NAME OF FIFTH ASSIGNOR, IF ANY		ASSIGNOR'S SIGNATURE	DATE
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6. FULL NAME OF SIXTH ASSIGNOR, IF ANY		ASSIGNOR'S SIGNATURE	DATE
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SIGNATURE OF WITNESS (WHERE APPLICABLE)			
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
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SIGNATURE OF WITNESS (WHERE APPLICABLE)			
9. FULL NAME OF NINTH ASSIGNOR, IF ANY		ASSIGNOR'S SIGNATURE	DATE
ADDRESS			CITIZENSHIP
SIGNATURE OF WITNESS (WHERE APPLICABLE)			