FORM PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp 6/30/2008)



103498463

U.S. Department of Commerce **Patent and Trademark Office** Attorney Docket No. 05788.0384 Attorney Customer Number: 22,852

To the Di	rector of the U.S. Patents and Tradem 10	3498463	i	cuments or copy	thereof.		
1.	Name of conveying parties:		2.	Name and address	of receiving par	ties:	
	1) Renata MELE 2) Fabrizio RICCI 3) Stefano SERRA		Names:	1) PIRELLI & C. S. 2) TELECOM ITAL			
Additional name of conveying party attached? ☐ Yes ☒ No			Internal Address:				
3.	Nature of conveyance/Execution Dates: January 13, 20	006	Street Addresses			123, Milano, Italy 23, Milano, Italy	
⊠	Assignment	!	City:				
	Security Agreement	ne	State:		Zip Code:		
	Joint Research Agreement					!	
	Government Interest Assignment			Additional name & Address attached?			
	Executive Order 9424, Confirmatory License						
	Other			☐ Yes			
4.	Application number or patent number:	his document is b	eing filed tog	gether with a new ap	plication.		
Α.	. Patent Application Number: 10/563,286 B. Patent Number:						
 Additional numbers attached?							
5.	Name and address of to whom correspondence concern document should be mailed:	ning 6.	Total nu	mber of application	ons and regist	rations involved: 1	
Name:	Mr. Ernest F. Chapman	7.	Total fee	(37 CFR 3.41): \$40)		
			Authorize Enclosed	ed to be charged by ed to be charged to d ! (Please charge def juired (government i	deposit account iciency to depo	sit account)	
Internal A	Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	8. Payr	nent Informa			,	
Street Ad	ddress: 901 New York Avenue, NW		a. Credit		umbers on Date		
City:	Washington, D.C.		b. Depos	it Account No.:	06	6-091 <u>6</u>	
State:	Zip: 20001-441:	3	Autho	rized User Name			
8.	Statement and signature.						
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.							
	Ser.	1/1/	E A		April 18, 2008	3	
	Ernest F. Chapman			64/22/2008 MJAMA1	99999954D	285 63286	
Reg. No. 25,961 Total number of pages including cover sheet, attachments and documents: 4 40.00 0							
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

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Customer No.: 22,852 JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

HIGHLY RELIABLE RECEIVER FRONT-END

for which we executed an applic	ation for United States Letters Patent concurrently
herewith or on	or filed an application for United States Letters
Patent on January 3, 2006	(Application No); and

WHEREAS, (1) PIRELLI & C. S.p.A., a corporation of Italy, and (2) TELECOM ITALIA S.p.A., a corporation of Italy, whose post office addresses are (1) Via Gaetano Negri, 10, 20123 Milano, Italy, and (2) Piazza degli Affari, 2, 20123 Milano, Italy, respectively, (hereinafter referred to as assignees), are each desirous of securing the right, title, and interest in and to this invention, the application for United States 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 assignees is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignees, their successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and 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 the United States, it being understood that any expense incident to the execution of such papers and/or the rendering of such aid shall be borne by the assignees, their successors and assigns.

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AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. <u>10/563,286</u>, filed <u>January 3, 2006</u>) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Renata MELE c/o Pirelli Labs S.p.A. Viale Sarca 222 I-20126 Milano, ITALY

Citizenship:	Italy
Signature:	Bue hitek
Date:	13/01/2006

Second Assignor

Fabrizio RICCI c/o Pirelli Labs S.p.A. Viale Sarca 222 I-20126 Milano, ITALY

Citizenship: Italy

Signature: Falm(20 RCC)

Date: 13/01/2006

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Third Assignor

Stefano SERRA c/o Pirelli Labs S.p.A. Viale Sarca 222 I-20126 Milano, ITALY

Citizenship: Italy

RECORDED: 04/18/2008

Signature:

Date: $13/91/2\infty$

PATENT

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