FORM PTO-1595 1-31-92

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U.S. Department of Commerce **Patent and Trademark Office** Attorney Docket No. 04772.0036 Attorney Customer Number: 22,852

ATTN. BOX ASSIGNMENTS RECORDATION **SERVICES**

2. Name and address of receiving party(ies):

PIRELLI PNELIMATICI S n A

Name of conveying party(ies):

To the Honorable Commission Please record the attached original docu

1) Federico MANCOSU

	2) Barbara RAMPANA 3) Fabio MARIANI 4) Andrea CALATRONI		ivaille.		EUWATICI 3.	P.7 		
Addition	nal name(s) of conveying party(ies) atta	Internal A	Internal Address:					
3.	Nature of conveyance:	conveyance:			Street Address: Viale Sarca, 222, I-20126, Milano, Italy			
\boxtimes	Assignment		City:	-				
	Security	of Name	State:		Zip Code:			
	Other:		Additiona	i name(s) & Addı	ress(es) attache	ed?		
Executi	on Date: September 15, 2006			☐ Yes	⊠ No			
4.	Application number(s) or patent number the application:	per(s): If this document is	being filed too	gether with a new	v application, the	e execution date of		
Α.	A. Patent Application Number(s):			Patent Number(s	s):			
	10/584,849							
	Addition	nal numbers attached?	Yes	⊠ No				
5.	Name and address of party to whom concerning document should be mail	1	6. Total number of applications and registrations involved: 1					
Name:	Mr. Ernest F. Chapman	7.	Total fee (37 CF	R 3.41): \$ 40				
5/13/2007 FC:8021	DBYRNE 00000095 10584849		Enclosed (P account)	lease charge de	eficiency to deposit			
				Authorized	to be charged to	deposit account		
Internal	i Address: FINNEGAN, HENDERSO & DUNNER, L.L.P.	N, FARABOW, GARRET	Т					
Street A	Address: 901 New York Avenue, N	W.						
City:	Washington, D.C.							
State:	Zip:	20001-4413	8.	Deposit Account	No.: <u>06-0916</u>			
9.	Statement and signature.							
To the docume	best of my knowledge and belief, the fo ent.	regoing information is tru	ie and correct	and any attached	d copy is a true	copy of the original		
	Ernest F. Chapman				June 11	, 2007		
1	Reg. No. 25,961	grature	ure Date		te			
	Total number of pag	ges including cover sheet	t, attachments	and documents:	3			

PATENT

REEL: 019443 FRAME: 0547

ASSIGNMENT

SERIAL No10/584,849 FILT	ED28.06.2006
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In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged,

MANCOSU Federico, RAMPANA Barbara, MARIANI Fabio, CALATRONI Andrea

(hereinafter designated as the undersigned) hereby sell(s) and assign(s) to

PIRELLI PNEUMATICI S.p.A.

of Viale Sarca, 222 – I-20126 MILANO – (Italy)

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee), the entire right, title and interest in the invention or improvements in

Method and system for generating electrical energy within a vehicle tyre

for which an application for Letters Patent of the United States of America has been executed by the undersigned

on September 15, 2006

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or letters patent or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this assignment and sale had not been made.

PATENT REEL: 019443 FRAME: 0548 The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby authorizes its attorneys to amend this document to insert the filing date and application serial number when they become known.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

I

Date	September	15,	2006	, Name of Inventor	Ardri m
_					(signature) MANCOSU Federico
Date _	September	15,	2006	, Name of Inventor _	- Jackers langers
					(signature) RAMPANA Barbara
Date _	September	15,	2006	_, Name of Inventor _	Monay John
					(signature) MARIANI Fabio
Date _	September	15,	2006	, Name of Inventor _	Anchea Calaton
					(signature) CALATRONI Andrea
Date _			<u>-</u>	, Name of Inventor _	
					(signature)
	Witn	ess _	Q.	ovanua F	as lini
	Witn	ess	peri	sella Carca	ceo

PATENT REEL: 019443 FRAME: 0549

RECORDED: 06/11/2007