01-23-2002 **FORM PTO-1595** U.S. Department of Commerce 1-31-92 Patent and Trademark Office Attorney Docket No. 07040.0105 Attorney Customer Number: 22,852 To the Honorable Commissioner of Paters Please record the attached original documen. N. BOX ASSIGNMENTS 101956482 Name of conveying parties: Name and address of receiving party: 1) Alessandro RATTI Name: 1.16.02 2) Renato CARETTA PIRELLI PNEUMATICI S.p.A. Additional name of conveying party attached? ☐ Yes ☒ No Internal Address: Viale Sarca, 222 I-20126 Milano, Italy 3. Nature of conveyance: Street Address: \boxtimes Assignment Merger City: П Security П Change of Name State: Zip Code: Agreement П Other: Additional name & Address attached? **Execution Date:** November 6, 2001 ☐ Yes ⊠ No 4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number: Patent Number: 09/959,250 Yes ⊠ No Additional numbers attached? Name and address of party to whom correspondence 6. Total number of applications and registrations 5. concerning document should be mailed: involved: 7. Total fee (37 CFR 3.41): \$40 Name: Mr. Ernest F. Chapman \boxtimes Enclosed (Please charge deficiency to deposit account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L.P. Street Address: 1300 | Street, N.W. Washington, D.C. City: 8. Zip: 20005-3315 Deposit Account No.: 06-0916 State: 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.

Ernest F. Chapman

Registration No. 25,961

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Date

Total number of pages including cover sheet, attachments and documents: 3

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PATENT REEL: 012476 FRAME: 0741

Attorney Docket No.: 07040.0105

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:

METHOD AND SYSTEM FOR MONITORING THE DEFORMATIONS OF A TYRE IN MOTION

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on October 22, 2001, (Application No. 09/959, 250); and

WHEREAS, **PIRELLI PNEUMATICI S.p.A.**, a corporation of Italy, whose post office address is *Viale Sarca*, 222, *I-20126 Milano*, *Italy* (hereinafter referred to as assignee), is desirous of securing the entire 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 assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its 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 assignee, its 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 assignee, its 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 assignee, its successors and 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 the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 012476 FRAME: 0742

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Customer No.: 22,852

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. 09/959,250 , filed October 22, 2001) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Alessandro RATTI

Via Varesina, 140 I-22100 Como, Italy

Citizenship:

Italy

Signature:

Date:

66.11.2001

Second Assignor

Renato CARETTA

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Citizenship:

Italy

Signature:

Date:

6.11.2001

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 012476 FRAME: 0743

RECORDED: 01/16/2002