

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michele BALLABIO</td> <td>07/08/2011</td> </tr> <tr> <td>Gaetano LO PRESTI</td> <td>07/08/2011</td> </tr> <tr> <td>Giuliana MATTIAZZO</td> <td>07/15/2011</td> </tr> <tr> <td>Vincenzo ORLANDO</td> <td>07/15/2011</td> </tr> <tr> <td>Simone CORBELLINI</td> <td>07/15/2011</td> </tr> </tbody> </table>		Name	Execution Date	Michele BALLABIO	07/08/2011	Gaetano LO PRESTI	07/08/2011	Giuliana MATTIAZZO	07/15/2011	Vincenzo ORLANDO	07/15/2011	Simone CORBELLINI	07/15/2011
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Giuliana MATTIAZZO	07/15/2011												
Vincenzo ORLANDO	07/15/2011												
Simone CORBELLINI	07/15/2011												
RECEIVING PARTY DATA													
Name:	PIRELLI TYRE S.p.A.												
Street Address:	Viale Sarca, 222												
City:	Milano												
State/Country:	ITALY												
Postal Code:	20126												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13807611</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13807611								
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Application Number:	13807611												
CORRESPONDENCE DATA													
Fax Number:	2024084400												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	2024084000												
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Correspondent Name:	FINNEGAN												
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ATTORNEY DOCKET NUMBER:	07040.0523												
NAME OF SUBMITTER:	B.Carson												
Total Attachments: 4 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif													

OP \$40.00 13807611

## ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an Invention entitled:  
**"METHOD FOR CONTROLLING THE DEPOSITION OF SEMIFINISHED ELEMENTS FOR TYRE PRODUCTION"**

for which I/We filed an international patent application having no. PCT/IB2011/052554 under the Patent Cooperation Treaty (PCT) on June 13, 2011; and

WHEREAS, PIRELLI TYRE S.p.A., a corporation of Italy whose post office address is Viale Sarca, 222 - 20126 Milano, Italy (hereinafter referred to as Assignee), is desirous of securing 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;

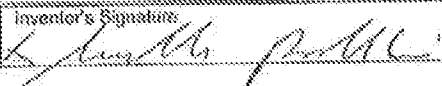
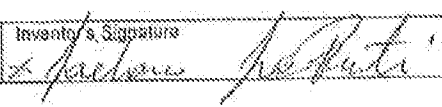
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional US application No. 61/362,179 filed on July 7, 2010, Italian application No. MI2010A001191 filed on June 30, 2010 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 US provisional and Italian applications, 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 Assignee, its 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 Assignee, its 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 Assignee, its successors or 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 any country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its 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 recitation 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. \_\_\_\_\_, filed \_\_\_\_\_).

13/807,611 December 28, 2012  
 IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

Full Name of First Inventor <b>Michele BALLABIO</b>	Inventor's Signature 	Date <b>8 JUL 2011</b>
Residence Milano, ITALY		Citizenship ITALY
Post Office Address Pirelli Tyre S.p.A., Viale Sarca, 222 - 20126 Milano, Italy		
Full Name of Second Inventor <b>Gaetano LO PRESTI</b>	Inventor's Signature 	Date <b>8 JUL 2011</b>
Residence Milano, ITALY		Citizenship ITALY
Post Office Address Pirelli Tyre S.p.A., Viale Sarca, 222 - 20126 Milano, Italy		
Full Name of Third Inventor <b>Giuliana MATTIAZZO</b>	Inventor's Signature	Date
Residence Torino, ITALY		Citizenship ITALY
Post Office Address Politecnico di Torino - Corso Duca degli Abruzzi, 24 - 10129 Torino, Italy		

Full Name of Fourth Inventor <b>Vincenzo ORLANDO</b>	Inventor's Signature	Date
Residence Torino, ITALY		Citizenship ITALY
Post Office Address Politecnico di Torino - Corso Duca degli Abruzzi, 24 -10129 Torino, Italy		
Full Name of Fifth Inventor <b>Simone CORBELLINI</b>	Inventor's Signature	Date
Residence Torino, ITALY		Citizenship ITALY
Post Office Address Politecnico di Torino - Corso Duca degli Abruzzi, 24 -10129 Torino, Italy		

## ASSIGNMENT

WHEREAS I/We, the below named Inventor(s), [hereinafter referred to as Assignor(s)], have made an Invention entitled:  
**"METHOD FOR CONTROLLING THE DEPOSITION OF SEMIFINISHED ELEMENTS FOR TYRE PRODUCTION"**

for which I/We filed an international patent application having no. PCT/IB2011/052554 under the Patent Cooperation Treaty (PCT) on June 13, 2011; and

WHEREAS, PIRELLI TYRE S.p.A., a corporation of Italy whose post office address is Viale Sarca, 222 - 20126 Milano, Italy (hereinafter referred to as Assignee), is desirous of securing 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 Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional US application No. 61/362,179 filed on July 7, 2010, Italian application No. MI2010A001181 filed on June 30, 2010 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 US provisional and Italian applications, 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 Assignee, its 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 Assignee, its 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 Assignee, its successors or 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 any country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

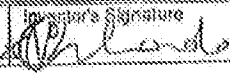
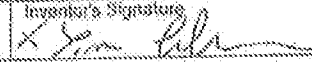
AND, I/WE HEREBY authorize and request the attorneys empowered by an appropriate Power of Attorney in any national patent application claiming priority to this international application to provide any further identification of the national patent application that may be necessary or desirable for purposes 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. \_\_\_\_\_, filed \_\_\_\_\_).

13/807,611

December 28, 2012

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

Full Name of First Inventor <b>Michele BALLABIO</b>	Inventor's Signature	Date
Residence Milano, ITALY	Citizenship ITALY	
Post Office Address Pirelli Tyre S.p.A., Viale Sarca, 222 - 20126 Milano, Italy		
Full Name of Second Inventor <b>Gaetano LO PRESTI</b>	Inventor's Signature	Date
Residence Milano, ITALY	Citizenship ITALY	
Post Office Address Pirelli Tyre S.p.A., Viale Sarca, 222 - 20126 Milano, Italy		
Full Name of Third Inventor <b>Giuliana MATTIAZZO</b>	Inventor's Signature <i>Giuliana Mattiazzo</i>	Date <b>15 JUL 2011</b>
Residence Torino, ITALY	Citizenship ITALY	
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Full Name of Fourth Inventor <b>Vincenzo ORLANDO</b>	Inventor's Signature 	Date <b>15 JUL 2011</b>
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Post Office Address Politecnico di Torino - Corso Duca degli Abruzzi, 24 -10129 Torino, Italy		
Full Name of Fifth Inventor <b>Simone CORBELLINI</b>	Inventor's Signature 	Date <b>15 JUL 2011</b>
Residence Torino, ITALY		Citizenship ITALY
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