

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pirelli & C. S.p.A.	07/22/2008

RECEIVING PARTY DATA

Name:	PGT Photonics S.p.A.
Street Address:	Viale Sarca 222
City:	Milan
State/Country:	ITALY
Postal Code:	20126

PROPERTY NUMBERS Total: 12

Property Type	Number
Application Number:	11922563
Application Number:	10584853
Application Number:	10592032
Application Number:	10593697
Application Number:	11631111
Application Number:	11793238
Application Number:	11793290
Application Number:	12084318
Application Number:	12087063
Application Number:	12087064
Application Number:	12739842
Application Number:	12739840

CORRESPONDENCE DATA

Fax Number: (613)591-8148

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

501557990

PATENT
REEL: 026407 FRAME: 0585

CH \$480.00 11922563

Phone: 613-599-9539
Email: ipadmin@mosaid.com
Correspondent Name: MOSAID Technologies Incorporated
Address Line 1: 11 Hines Road
Address Line 2: Suite 203
Address Line 4: Ottawa, CANADA K2K 2X1

NAME OF SUBMITTER:

Harvey AUERBACK

Total Attachments: 32

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PATENT ASSIGNMENT AND KNOW-HOW LICENSE AGREEMENT

By and between

Pirelli & C. S.p.A., an Italian corporation with its registered office at Via G. Negri 10, 20123 Milan, Italy, represented by PierGiovanni Giannesi, duly empowered ("Pirelli");

and

PGT Photonics S.p.A., an Italian corporation with registered office at Viale Sarca 222, 20126 Milan, Italy, represented by Michele Lerici, duly empowered ("PGT").

RECITALS

- A. Pirelli is the owner of certain patents more fully described herein.
- B. Pirelli, on one side, has agreed to assign and transfer to PGT certain patents, as more particularly set forth below, and to grant to PGT a license to certain know-how; PGT, on the other side, has agreed to grant to Pirelli a license under certain patents assigned by Pirelli to PGT pursuant to this Agreement.

NOW, THEREFORE, in consideration of the mutual promises contained herein, and other good and valuable consideration, the parties hereby agree as follows:

1. Definitions.

The capitalized terms used in this Agreement shall have the meanings specified in this Agreement and below. Any capitalized terms used and not defined in this Agreement shall have the meaning set forth in the Share Purchase Agreement.

1.1 "**Affiliate**" of any person shall mean any other person which, directly or indirectly, controls, is controlled by, or is under common control with that person, and for these purposes "control" shall mean the beneficial ownership by one person of at least fifty per cent (50%) of the nominal value of shares in the issued share capital or equity interest of the other person which carry a right to attend and vote at general meetings of the other person.

1.2 "**Assigned Patents**" shall mean, as the case may be, the Patents owned by Pirelli and Pirelli's undivided interest in both the Patents jointly owned by Pirelli and Telecom Italia S.p.A. and the Patents jointly owned by Pirelli and the Massachusetts Institute of Technology. All Assigned Patents are listed in Exhibit 1 hereto.

1.3 "**Closing Date**" shall have the meaning set forth in the Share Purchase Agreement.

1.4 "**Effective Date**" shall mean July 22nd, 2008.

1.5 "Licensed Know-How" shall mean all technical information, know-how, trade secrets, data, manufacturing techniques, engineering, components, assembly and other data, drawings, specifications, which Pirelli owns or has the right to license or sublicense at the Closing Date and which at the Closing Date are used by, or which can be demonstrated with documentary records to have been considered prior to the Closing Date for use in, or are otherwise necessary for the manufacturing and use of the Products.

1.6 "Licensed Patents" shall mean the Patents listed under item "B" of Exhibit 1 hereto, which will be owned or co-owned by PGT as of the Effective Date.

1.7 "Patent" shall mean a patent or patent application with an effective filing date or priority date on or prior to the Effective Date, including, without limitation, foreign counterparts to the same, whether or not pending on the Effective Date, and any patents granted therefrom; and corresponding divisional, reissue, reexamination, continuation or continuation-in-part applications, whether or not pending on the Effective Date, and any patents granted therefrom.

1.8 "Products" shall mean the DWDM XFP Optical Transceivers, the Integrable Tunable Laser Assembly, the MSA300 SFF & LFF DWDM Tunable Transponder, the Duobinary – 10 Gbps Tunable DWDM Optical Transponder and the City+ CWDM & DWDM Multiservice Platform products sold by PGT at the Effective Date.

1.9 "Share Purchase Agreement" shall mean the agreement among Pirelli and CyOptics Inc. for the sale, by Pirelli to CyOptics Inc., of Pirelli's entire participation in the share capital of PGT.

2. Patent Assignment

2.1 As of the Effective Date, Pirelli hereby assigns, transfers and conveys all of its right, title and interest in and to the Assigned Patents to PGT including:

- (a) the benefit of all priority dates;
- (b) the right to seek and obtain registrations in other countries;
- (c) the right to sue for and obtain injunctive relief, damages, and all other relief in respect of any infringement or misuse (whether past, present or future) of the Assigned Patents or of the rights conferred by publication of the application for the Assigned Patents.

2.2 Starting from the Effective Date, PGT shall have the exclusive right, in its sole discretion, to prosecute and maintain the Assigned Patents in its own name, at its own cost and expense.

2.3 In the event that PGT elects to record the assignment under Article 2.1 of this Agreement, PGT shall carry out all the activities for and bear any and all costs and expenses arising from and as a result of such recordation and the perfection of the vesting in the name of PGT of the Assigned Patents.

2.4 Pirelli hereby undertakes

(i) at its own expenses and at PGT's request, to execute all documents in such form and substance as may be required under applicable laws and

(ii) at PGT's expenses and request, to carry out all formalities and take all other reasonable action

necessary to properly record the assignment under Article 2.1 of this Agreement and to perfect the vesting in the name of PGT of the Assigned Patents.

2.5 PGT acknowledges and agrees that the Assigned Patents identified, among those listed in Exhibit 1 hereto, by the following Case Numbers: PC0872, PC0885, PC0937, PC0938, PC0946, PC0947, PC0963, PC0975, PC0976, PC0984, PC0991, PC1023, PC1049, are subject to Corning Incorporated's non-exclusive license rights set forth in the Patent License Agreement entered into between Pirelli, Pirelli Cavi e Sistemi Telecom S.p.A and Corning Incorporated on April 13, 2005.

2.6 Pirelli shall deliver to PGT (or PGT's nominated representative) as soon as practicable and in no event later than 60 days after the Effective Date all deeds, documents of title, certificates and other files and records (including those of its agents) relating to the Assigned Patents. Notwithstanding the foregoing, Pirelli shall promptly deliver to PGT the aforementioned materials relating to any activity that must be undertaken within 30 days of the Closing Date with respect to any Assigned Patent, and in any event shall make such delivery within a time period that is reasonably sufficient to allow PGT to prepare for and take any such action.

2.7 As of the Effective Date, Pirelli transfers to PGT Pirelli's exclusive patent license rights under the Patents that are co-owned by Pirelli and Telecom Italia S.p.A. pursuant to the Research and Development Agreement, dated January 1, 2002, by and between Pirelli and Telecom Italia S.p.A., which Patents are being herewith assigned to PGT pursuant to this Agreement.

3. Consideration

As consideration for the assignment by Pirelli to PGT of the Assigned Patents pursuant to Article 2.1 as well as of the assignment by Pirelli to PGT of Pirelli exclusive license rights in pursuance of Article 2.7, the Parties agree that PGT shall pay to Pirelli, upon receipt of relevant invoice, an amount of

4. Patent License to Pirelli

4.1 As of the Effective Date, and subject to the execution of the Share Purchase Agreement, PGT grants to Pirelli a non-exclusive, worldwide, irrevocable (subject only to Section 4.2), royalty free, license, with the right to sublicense only to Pirelli Subsidiaries, under the Licensed Patents to make, have made, use, import, offer to sell and sell any products, processes or services, subject to Telecom Italia S.p.A.'s license rights under those Licensed Patents co-owned by Telecom Italia S.p.A. and PGT as result of this Agreement and as set forth in the Research and Development Agreement entered into by and between Pirelli and Telecom Italia S.p.A on January 1st, 2002.

4.2 PGT may terminate the license in Section 4.1 in the event that (i) there is a determination (whether or not appealable) from a court of competent jurisdiction and based upon a full evidentiary hearing that Pirelli or a Pirelli Subsidiary failed to comply with Section 5.3(a) of the Share Purchase Agreement or (ii) both parties (or PGT alone) make a request to the court for such a full evidentiary hearing and such request is denied by the court without leave to refile and the court renders a determination (whether or not appealable) without conducting said hearing that Pirelli or a Pirelli Subsidiary failed to comply with Section 5.3(a) of the Share Purchase Agreement. In the event PGT seeks to terminate the license, PGT shall provide ten (10) days prior written notice of termination to Pirelli, and such termination shall be deemed to be effective as of the date that Pirelli's non-compliance with Section 5.3(a) of the Share Purchase Agreement is determined to have commenced. PGT shall be entitled to seek damages attributable to Pirelli's unlicensed practice of the Licensed Patents for the period as of the date that Pirelli's non-compliance with Section 5.3(a) of the Share Purchase Agreement is determined to have commenced.

4.3 If a final decision from which no appeal can be taken that Pirelli did not fail to comply with the Section 5.3(a) of the Share Purchase Agreement is rendered and the license to Pirelli was terminated by PGT pursuant to Section 4.2 above, PGT agrees (i) to reinstate the license, effective as of the effective date of the prior termination and (ii) to refund to Pirelli any damages paid by Pirelli pursuant to Section 4.2 herein. Pirelli shall be entitled to seek damages attributable to PGT's termination of the license.

4.4 The license under this Article 4 shall be transferable only in conjunction with the sale of the stock, assets or business to which this Agreement relates. The foregoing license shall remain in force until the last to expire of the Licensed Patents.

5. Know-How License to PGT

- 5.1 As of the Closing Date, Pirelli grants to PGT a non-exclusive, irrevocable, worldwide, royalty free license, with no right to sublicense, to use the Licensed Know-How to develop, make, have made, use, import, distribute, offer for sale and sell any product, process or service. The license under this Article 5.1 shall remain in force until all Licensed Know-How becomes part of the public domain without breach of this Agreement. The license under this Article 5.1 shall be transferable only in conjunction with the sale of all of PGT's stock, assets or business to which this Agreement relates.
- 5.2 PGT shall use the Licensed Know-How only for the purpose of exercising the rights granted under Article 5.1.
- 5.3 Pirelli and PGT each agree to maintain secret and confidential that portion of the Licensed Know-How that relates to the Products until December 31, 2014.
- 5.4 The obligations under Article 5.3 shall not apply to information which:
- a. on the Closing Date was already in the public domain;
 - b. after the Closing Date becomes part of the public domain without breach of this Agreement;

- c. is disclosed to PGT at any time by a third party having a right to disclose the same and who did not receive the same, directly or indirectly, from Pirelli;
 - e. is disclosed pursuant to the requirement or request of a governmental agency or court of competent jurisdiction, to the extent that such disclosure is required by law, regulation or court order, and notice is given by the other of any such requirement or request to permit Pirelli to seek and appropriate protective order or exemption from such requirement or request.
- 5.5 PGT shall adopt such reasonable measures as from time to time may be requested by Pirelli to safeguard the Licensed Know-How from unauthorised disclosure and use. PGT shall in particular (i) keep Licensed Know-How and any copies thereof in a safe or under similar conditions of safekeeping, (ii) restrict the disclosure of such information solely to those of its employees which need to know Licensed Know-How and (iii) cause such employees to which Licensed Know-How is disclosed to execute secrecy undertakings which are appropriate for the purpose for which disclosure is made.
- 5.6 Pirelli shall not be responsible or liable for any loss, damage or injury, (including sickness and death), of any nature, to any property or person, whether total or partial, in connection with the manufacture, use and sale of the Products using the Licensed Know-How following the Effective Date.

6. Representations, Warranties and Indemnification.

6.1 PGT represents and warrants to Pirelli that, as of the Effective Date, PGT has all requisite legal right, power and authority to execute, deliver and perform this Agreement.

6.2 Pirelli represents and warrants to PGT that, as of the Effective Date, Pirelli has all requisite legal right, power and authority to execute, deliver and perform this Agreement.

6.3 Pirelli shall indemnify and hold harmless PGT and its officers, directors, employees, agents and Affiliates ("PGT Indemnified Persons") from and against any and all damages, fines, fees, penalties, charges, assessments, deficiencies, judgments, defaults, settlements and other losses (including write-offs, write-downs and other diminution in value) and all reasonable out-of-pocket expenses (including expenses of investigation, defense, settlement of claims and court costs, and fees and expenses of attorneys, accountants and other experts) incurred by any PGT Indemnified Person arising out of or in connection with any claim asserted or threatened against any PGT Indemnified Person relating in any way to Pirelli's exercise of its rights under the Assigned Patents prior to the Closing Date or, in the event that the Share Purchase Agreement is not executed, prior to the Effective Date.

6.4 PGT shall indemnify and hold harmless Pirelli and its officers, directors, employees, agents and Affiliates ("Pirelli Indemnified Persons") from and against any and all damages, fines, fees, penalties, charges, assessments, deficiencies, judgments, defaults, settlements and other losses (including write-offs, write-downs and other diminution in value) and all reasonable out-of-pocket expenses (including expenses of investigation, defense, settlement of claims and court costs, and fees and expenses of attorneys, accountants and other experts) incurred by any Pirelli Indemnified Person arising out of or in connection with any claim asserted or threatened against any Pirelli Indemnified Person relating in any way to PGT's exercise of its rights under the

Assigned Patents after the Closing Date or, in the event that the Share Purchase Agreement is not executed, after the Effective Date. Notwithstanding the foregoing, PGT shall not have any indemnity obligation hereunder to the extent any damages, fines, fees, penalties, charges, assessments, deficiencies, judgments, defaults, settlements and other losses or liabilities arise out of or are related to a breach of the representations or warranties set forth in Section 3.12 of the Share Purchase Agreement for which Pirelli is obligated to indemnify a Buyer Indemnified Party.

7. Miscellaneous.

7.1 Notices. All notices required to be sent by either party under this Agreement shall be deemed given: (i) when sent by confirmed telex or telecopy with confirmation by commercial overnight courier; (ii) one business day after being sent by commercial overnight courier with written verification of receipt; or (iii) when received after being mailed postage prepaid by certified or registered mail, return receipt requested, to the party to be notified, at the respective addresses set forth below or at such other address which may hereinafter be designated in writing:

If to Pirelli:

Viale Sarca 222
20126 Milan, Italy
Fax +39 02 6442 5332
Attention: Director, Industrial Property Department

If to PGT:

Viale Sarca 222
20126 Milan, Italy
Fax +39 02 6440 7011
Attention: The Managing Director

7.2 Amendment. This Agreement may be amended or supplemented only by a writing that refers specifically to this Agreement and is signed by duly authorized representatives of the parties hereto.

7.3 Governing Law. This Agreement shall be governed by, and construed and interpreted in accordance with, the Laws of the Republic of Italy.

7.4 Exclusive Jurisdiction. The Parties hereby elect the exclusive jurisdiction of any competent court in the City of Milan (Italy) with respect to all disputes arising out of or in connection with this Agreement.

7.5 Waiver. Except as otherwise provided in this Agreement, any failure of any of the parties to comply with any obligation, covenant, agreement or condition herein may be waived by the party entitled to the benefit thereof only by a written instrument signed by the party granting such waiver, but such waiver or failure to insist upon strict compliance with such obligation, representation, warranty, covenant, agreement or condition shall not operate as a waiver of, or estoppel with respect to, any subsequent or other failure.

7.6 Entire Agreement. This Agreement, including all Exhibits hereto, all of which are incorporated by this reference, set forth the entire agreement and understanding between the parties with respect to the subject matter of this Agreement, and supersede and merge all prior discussions, agreements or understanding between the parties hereto relating to the subject matter hereof.

7.7 Severability. If any provision of this Agreement is held to be invalid or unenforceable for any reason it will be adjusted rather than voided, if possible, in order to achieve the intent of the Parties to this Agreement to the fullest extent possible. In any event, all other provisions of this Agreement will be deemed valid and enforceable to the fullest extent possible.

7.8 Counterparts. This Agreement may be executed in one or more counterparts, each of which when executed shall be deemed to be an original, but all of which taken together shall constitute one and the same instrument. This Agreement may be executed via facsimile signature and parties shall promptly follow-up with execution of an original.

7.9 Value Added Tax. This agreement is subject or deemed to be subject to the value added tax for the purposes of the Italian registration tax.

7.10 Specific Performance. Each Party agrees that irreparable damage would occur in the event that any of the provisions of this Agreement were not performed by them in accordance with the terms hereof and that each Party shall be entitled to seek specific performance of the terms hereof, in addition to any other remedy at law or equity.

IN WITNESS WHEREOF, the parties have caused their duly authorized officers to execute this Agreement, on the dates below indicated.

Pirelli & C S.p.A.

Signature:

Name: PierGiovanni Giannesi

Date: July 22nd, 2008

PGT Photonics S.p.A.

Signature:

Name: Michele Lorici

Date: July 22nd, 2008

EXHIBIT 1

ASSIGNED PATENTS

A

**COMPONENTS/DEVICES
PATENTS**

A.1.1) CASE LIST – COMPONENTS/DEVICES – PIRELLI & C.

N. CaseNum	Owner	Title	Prior.Date	Prior.No
1 PC0866	Pirelli & C. SpA	Passive polarisation stabilizer	21/06/2000 27/06/2000	00EP-305236.2 00US-60/214501
2 PC0872	Pirelli & C. SpA	Dispositivo per compensare la dispersione cromatica	14/07/2000 21/07/2000	00EP-830495.8 00US-60/219695
3 PC0873	Pirelli & C. SpA	Optical threshold and comparison devices and methods	28/07/2000 07/08/2000	00EP-306465.6 00US-60/223477
4 PC0884	Pirelli & C. SpA	Hybrid buried/ridge planar waveguides	27/10/2000 02/11/2000	00EP-309508.0 00US-60/244926
5 PC0885	Pirelli & C. SpA	Optical fiber filter	31/10/2000 07/11/2000	00EP-123718.9 00US-60/246069
6 PC0890	Pirelli & C. SpA	Optical gating apparatus and method	22/11/2000 28/11/2000	00EP-310375.1 00US-60/253075
7 PC0907	Pirelli & C. SpA	Optical intensity modulation device and method	22/12/2000 09/01/2001	00EP-311680.3 01US-60/260208
8 PC0917	Pirelli & C. SpA	Parametric device for wavelength conversion	01/05/2001 01/05/2001	01EP-201557.4 01US-60/287414
9 PC0920	Pirelli & C. SpA	Intensity modulation of optical signals	04/05/2001 08/05/2001	01EP-304095.1 01US-60/289111
10 PC0924	Pirelli & C. SpA	Waveguide bends and devices including waveguide bends	05/06/2001 06/06/2001	01EP-304890.5 01US-60/295870
11 PC0937	Pirelli & C. SpA	Reconfigurable chromatic dispersion compensating unit	29/06/2001 09/07/2001	01EP-202513.6 01US-60/303.339
12 PC0939	Pirelli & C. SpA	Polarization stabilization	03/08/2001 07/08/2001	01EP-306683.2 01US-60/310235
13 PC0948	Pirelli & C. SpA	NLO polymers and optical waveguides based thereon	15/10/2001	01EP-203889.9
14 PC0949	Pirelli & C. SpA	Optical multi/demultiplexer device	26/10/2001	01WO-EP12419
15 PC0955	Pirelli & C. SpA	OPTICAL SPACE SWITCHING MATRIX	30/11/2001	01WO-EP13996
16 PC0963	Pirelli & C. SpA	Raman fiber amplifier using a microstructured fiber and microstructured fiber suitable for Raman amplification	21/12/2001	01WO-EP15262
17 PC0972	Pirelli & C. SpA	METHOD FOR GUIDING AN ELECTROMAGNETIC RADIATION, IN PARTICULAR IN AN INTEGRATED OPTICAL DEVICE	06/03/2002	02WO-EP02466
18 PC0973	Pirelli & C. SpA	Device for crossing optical beams, in particular in an integrated optical circuit	06/03/2002	02WO-EP02484
19 PC0974	Pirelli & C. SpA	DEVICE FOR BENDING AN OPTICAL BEAM, IN PARTICULAR IN AN OPTICAL INTEGRATED CIRCUIT	06/03/2002	02WO-EP02465
20 PC0984	Pirelli & C. SpA	Cascaded Raman pump for Raman amplification in optical systems	31/05/2002	02WO-EP06029
21 PC0987	Pirelli & C. SpA	Four-wave-mixing based optical wavelength converter device	28/06/2002	02WO-EP07207
22 PC0989	Pirelli & C. SpA	Polyimide optical waveguides and method for the preparation thereof	27/06/2002	02WO-EP07107
23 PC0991	Pirelli & C. SpA	Optical fiber for Raman amplification	26/07/2002	02WO-EP08383
24 PC0992	Pirelli & C. SpA	Multi-stage Raman amplifier	31/07/2002	02WO-EP08526
25 PC0995	Pirelli & C. SpA	Optical devices comprising series of birefringent waveplates	24/04/2002 31/07/2002	02WO-EP04504 02WO-EP08541
26 PC1020	Pirelli & C. SpA	Multiple stage Raman optical amplifier	19/12/2002	02WO-EP14532
27 PC1022	Pirelli & C. SpA	Photochromic optical waveguides and method for the preparation thereof	23/12/2002	02WO-EP14880
28 PC1028	Pirelli & C. SpA	Integrated optical add/drop device having switching function	31/12/2002	02WO-EP14812
29 PC1035	Pirelli & C. SpA	Electro-optical device	30/04/2003	03WO-IT00269
30 PC1047	Pirelli & C. SpA	Integrated optical waveguide structure with low coupling losses to an external optical field	04/08/2003	03WO-EP08613

A.1.1) CASE LIST – COMPONENTS/DEVICES – PIRELLI & C.

N. CaseNum	Owner	Title	Prior.Date	Prior.No
31 PC1061	Pirelli & C. SpA	Tunable directional coupler with grating	05/11/2003	03WO-EP12328
32 PC1072	Pirelli & C. SpA	Tunable resonant grating filters	24/12/2003	03WO-EP014917
33 PC1073	Pirelli & C. SpA	Low-loss micro-ring resonator with polymeric cap layer	24/12/2003	03WO-EP014918
34 PC1074	Pirelli & C. SpA	Optical coupling device	29/12/2003	03WO-EP51108
35 PC1078	Pirelli & C. SpA	Method and apparatus for optical phase modulation	10/03/2004	04WO-EP002450
36 PC1081	Pirelli & C. SpA	Optical modulator	31/03/2004	04WO-EP003627
37 PC1084	Pirelli & C. SpA	An optical device based on a three-arm Mach-Zehnder interferometer	30/04/2004	04WO-EP050663
38 PC1090	Pirelli & C. SpA	Optical band splitter/combiner and apparatus comprising the same	21/06/2004	04WO-EP06810
39 PC1092	Pirelli & C. SpA	Thermally controlled external-cavity tuneable laser	30/06/2004	04WO-EP007102
40 PC1093	Pirelli & C. SpA	Wavelength-selective grating based filter	22/07/2004	04WO-EP008200
41 PC1095	Pirelli & C. SpA	Method for manufacturing optical devices	05/08/2004	04WO-EP008839
42 PC1100	Pirelli & C. SpA	Method and device for stabilizing the state of polarization of a polarization multiplexed optical radiation	22/10/2004	04WO-EP011957
43 PC1104	Pirelli & C. SpA	Optical device including a buried grating and method for realizing an optical device	22/07/2004 17/11/2004	04WO-EP008200 04WO-EP013028
44 PC1110	Pirelli & C. SpA	An opto-mechanical switching system	15/12/2004	04WO-EP053508
45 PC1112	Pirelli & C. SpA	Photodetector in germanium on silicon	24/12/2004	04WO-EP014714
46 PC1113	Pirelli & C. SpA	Wiring method and device	29/12/2004	04WO-EP014802
47 PC1114	Pirelli & C. SpA	Method for manufacturing optical devices	23/12/2004	04WO-EP014740
48 PC1116	Pirelli & C. SpA	Multiplicatore e demultiplicatore di banda ottica comprendente interferometro a tre rami	10/02/2005	05WO-EP001444
49 PC1118	Pirelli & C. SpA	Method to fabricate a turning mirror for optical devices	31/03/2005	05WO-EP003391
50 PC1124	Pirelli & C. SpA	Method and system for hitless tunable optical processing	30/06/2005	05WO-EP007085
51 PC1129	Pirelli & C. SpA	Method and device for stabilizing the state of polarization of an optical radiation	06/09/2004 06/09/2005	04WO-EP009917 05WO-EP009549
52 PC1132	Pirelli & C. SpA	Optical assembly connecting a laser with an optical fibre	07/12/2005	05WO-EP013110
53 PC1134	Pirelli & C. SpA	Passive phase control in an external cavity laser	06/12/2005	05WO-EP013060
54 PC1135	Pirelli & C. SpA	Method and device for tunable optical filtering	28/12/2005	05WO-EP014092
55 PC1136	Pirelli & C. SpA	Method and system for tunable optical filtering	28/12/2005	05WO-EP014093
56 PC1137	Pirelli & C. SpA	Method and device for tunable optical filtering	28/12/2005	05WO-IT000773
57 PC1141	Pirelli & C. SpA	Integrated laser optical source with active and passive sections formed in distinct substrates	23/03/2006	06WO-EP060977
58 PC1142	Pirelli & C. SpA	Directly-modulated, widely tunable laser having integrated Y-branch tunable mirror and cascaded optical processing functions	23/03/2006	06WO-EP060975
59 PC1144	Pirelli & C. SpA	Optical band splitter/combiner and apparatus comprising the same	22/05/2006	06WO-EP062500
60 PC1146	Pirelli & C. SpA	Passive phase control in an external cavity laser	12/07/2006	06WO-EP006812
61 PC1147	Pirelli & C. SpA	Optical device and polymer material with nonlinear optical properties	08/08/2006	06WO-EP007857
62 PC1149	Pirelli & C. SpA	Method and device for hitless tunable optical filtering	09/11/2006	06WO-EP010722
63 PC1150	Pirelli & C. SpA	Method of hitless tuning an interleaved OADM by differential tuning of microrings	09/11/2006	06WO-EP010723
64 PC1151	Pirelli & C. SpA	Method of hitless tuning an optical filter by opposite tuning of microrings	09/11/2006	06WO-EP010732

A.1.1) CASE LIST – COMPONENTS/DEVICES – PIRELLI & C.

N. CaseNum	Owner	Title	Prior.Date	Prior.No
65 PC1156	Pirelli & C. SpA	Phase control by active thermal adjustments in an external cavity laser	22/12/2006	06WO-EP012448
66 PC1157	Pirelli & C. SpA	Waveguide photodetector in germanium on silicon	29/12/2006	06WO-EP012603
67 PC1159	Pirelli & C. SpA	External cavity laser module comprising a multi-functional optical element	02/04/2007	07WO-EP002941
68 PC1164	Pirelli & C. SpA	Method and device for tunable optical filtering using vernier effect	20/04/2007	07WO-IT000295
69 PC1179	Pirelli & C. SpA	Method and device for polarization stabilization	21/12/2007	07WO-IB055292
70 PC1181	Pirelli & C. SpA	Optical mode transformer, in particular for coupling an optical fiber and a high-index contrast waveguide	29/02/2008	08WO-EP052494
71 PC1182	Pirelli & C. SpA	Optical mode transformer, in particular for coupling an optical fiber and a high-index contrast waveguide	29/02/2008	08WO-EP052495
72 PC1184	Pirelli & C. SpA	Method and apparatus for reducing the amplitude modulation of optical signals in external cavity laser	11/04/2008	08WO-IT000240
73 PCFIIG01	Pirelli & C. SpA	Polycyanate copolymers prepared from polyfunctional cyanates and fluorinated monocyanates.	01/07/1999	99EP-112596.4
74 PCFHG02	Pirelli & C. SpA	Optical waveguides derived from a combined of poly(perfluorocyclobutanes) and polymeric cyanates.	01/07/1999	99EP-112597.2

Total cases 74

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PCFHG01**

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	EPC	Germany	DE60008384.5	18-Feb-2004	00EP-952993.4	03-Jul-2000	03-Jul-2020
2	EPC	France	EP-1198493	18-Feb-2004	00EP-952993.4	03-Jul-2000	03-Jul-2020
3	EPC	United Kingdom	EP-1198493	18-Feb-2004	00EP-952993.4	03-Jul-2000	03-Jul-2020
4	EPC	Italy	EP-1198493	18-Feb-2004	00EP-952993.4	03-Jul-2000	03-Jul-2020
5	PCT	USA	US6716958	06-Apr-2004	00US-10/019447	03-Jul-2000	03-Jul-2020

CASE N° PCFHG02

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	USA	US6853790	08-Feb-2005	01US-10/019479	03-Jul-2000	27-Feb-2021

CASE N° PC0866

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PAT	EPO	EP1168679	02-Jan-2002	01EP-305142.0	13-Jun-2001	13-Jun-2021
2	PAT	USA	US6941032	06-Sep-2005	01US-09/883241	19-Jun-2001	19-Jun-2021

CASE N° PC0872

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1303774	24-Jan-2002	01EP/960472	05-Jul-2001	05-Jul-2021
2	PCT	USA	US6928221	09-Aug-2005	01US-10/332950	05-Jul-2001	05-Jul-2021

CASE N° PC0873

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PAT	Canada	-	-	01CA-2354461	27-Jul-2001	27-Jul-2021
2	EPC	Germany	DE60127045.2	07-Mar-2007	01EP-306155.1	18-Jul-2001	18-Jul-2021
3	EPC	France	EP1176459	07-Mar-2007	01EP-306155.1	18-Jul-2001	18-Jul-2021
4	EPC	United Kingdom	EP1176459	07-Mar-2007	01EP-306155.1	18-Jul-2001	18-Jul-2021
5	EPC	Italy	EP1176459	07-Mar-2007	01EP-306155.1	18-Jul-2001	18-Jul-2021
6	PAT	USA	6766072	20-Jul-2004	01US-09/915401	27-Jul-2001	11-Oct-2021

CASE N° PC0884

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1334385	02-May-2002	01EP-988874.2	26-Oct-2001	26-Oct-2021
2	PCT	USA	US7006744	28-Feb-2006	01US-10/415128	26-Oct-2001	26-Oct-2021

CASE N° PC0885

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO02/37150	10-May-2002	01CA-2427353	23-Oct-2001	23-Oct-2021
2	EPC	Germany	DE60117610.3	01-Mar-2006	01EP-992905.8	23-Oct-2001	23-Oct-2021
3	EPC	France	EP1330668	01-Mar-2006	01EP-992905.8	23-Oct-2001	23-Oct-2021
4	EPC	United Kingdom	EP1330668	01-Mar-2006	01EP-992905.8	23-Oct-2001	23-Oct-2021
5	EPC	Italy	EP1330668	01-Mar-2006	01EP-992905.8	23-Oct-2001	23-Oct-2021
6	PCT	USA	US7177511	13-Feb-2007	01US-10/415474	23-Oct-2001	23-Oct-2021

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC0890**

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60034687.0	02-May-2007	00EP-310375.1	22-Nov-2000	22-Nov-2020
2 EPC	France	EP1209782	02-May-2007	00EP-310375.1	22-Nov-2000	22-Nov-2020
3 EPC	United Kingdom	EP1209782	02-May-2007	00EP-310375.1	22-Nov-2000	22-Nov-2020
4 EPC	Italy	EP1209782	02-May-2007	00EP-310375.1	22-Nov-2000	22-Nov-2020
5 PAT	USA	US6584261	24-Jun-2003	01US-09/988624	20-Nov-2001	20-Nov-2021

CASE N° PC0907

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	Canada	-	-	01CA-2366136	21-Dec-2001	21-Dec-2021
2 EPC	Germany	DE60030991.6	27-Sep-2006	00EP-311680.3	22-Dec-2000	22-Dec-2020
3 EPC	France	EP1217425	27-Sep-2006	00EP-311680.3	22-Dec-2000	22-Dec-2020
4 EPC	United Kingdom	EP1217425	27-Sep-2006	00EP-311680.3	22-Dec-2000	22-Dec-2020
5 EPC	Italy	EP1217425	27-Sep-2006	00EP-311680.3	22-Dec-2000	22-Dec-2020
6 PAT	USA	US6583917	24-Jun-2003	01US-10/022255	20-Dec-2001	20-Dec-2021

CASE N° PC0917

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60129302.9	11-Jul-2007	01EP-201557.4	01-May-2001	01-May-2021
2 EPC	France	EP1255158	11-Jul-2007	01EP-201557.4	01-May-2001	01-May-2021
3 EPC	United Kingdom	EP1255158	11-Jul-2007	01EP-201557.4	01-May-2001	01-May-2021
4 EPC	Italy	EP1255158	11-Jul-2007	01EP-201557.4	01-May-2001	01-May-2021
5 PAT	USA	US6867902	15-Mar-2005	02US-10/135772	01-May-2002	15-Aug-2022

CASE N° PC0920

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	EPO	EP1255157	06-Nov-2002	01EP-304095.1	04-May-2001	04-May-2021
2 CON	USA	US7031047	18-Apr-2006	04US-10/914260	09-Aug-2004	03-May-2022

CASE N° PC0924

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	Canada	WO02/099484	12-Dec-2002	02CA-2449018	28-May-2002	28-May-2022
2 EPC	Germany	DE60219784.8	25-Apr-2007	02EP-754596.1	28-May-2002	28-May-2022
3 EPC	France	EP1393104	25-Apr-2007	02EP-754596.1	28-May-2002	28-May-2022
4 EPC	United Kingdom	EP1393104	25-Apr-2007	02EP-754596.1	28-May-2002	28-May-2022
5 EPC	Italy	EP1393104	25-Apr-2007	02EP-754596.1	28-May-2002	28-May-2022
6 PCT	USA	US7302135	27-Nov-2007	02US-10/479579	28-May-2002	06-Dec-2022

CASE N° PC0937

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60118092.5	22-Mar-2006	01EP-202513.6	29-Jun-2001	29-Jun-2021
2 EPC	France	EP1273937	22-Mar-2006	01EP-202513.6	29-Jun-2001	29-Jun-2021
3 EPC	United Kingdom	EP1273937	22-Mar-2006	01EP-202513.6	29-Jun-2001	29-Jun-2021
4 EPC	Italy	EP1273937	22-Mar-2006	01EP-202513.6	29-Jun-2001	29-Jun-2021
5 PAT	USA	US6816659	09-Nov-2004	02US-10/160461	27-Jun-2002	27-Jun-2022

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC0939**

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1412808	20-Feb-2003	02EP-754957.5	30-Jul-2002	30-Jul-2022
2	PCT	USA	US7307722	11-Dec-2007	02US-10/485221	30-Jul-2002	30-Jul-2022

CASE N° PC0948

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PAT	EPO	EP-1302808	16-Apr-2003	01EP-203889.9	15-Oct-2001	15-Oct-2021
2	PAT	USA	US6872794	29-Mar-2005	02US-10/268717	11-Oct-2002	25-Feb-2023

CASE N° PC0949

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO03/044578	30-May-2003	01CA-2463956	26-Oct-2001	26-Oct-2021
2	PCT	China	CN1559014	30-May-2003	01CN-823743.6	26-Oct-2001	26-Oct-2021
3	PCT	EPO	EP1446686	30-May-2003	01EP-994622.7	26-Oct-2001	26-Oct-2021
4	PCT	USA	US7123789	17-Oct-2006	01US-10/493570	26-Oct-2001	26-Oct-2021

CASE N° PC0955

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO03/047304	05-Jun-2003	01CA-2467668	30-Nov-2001	30-Nov-2021
2	EPC	Germany	DE60117292.2	15-Feb-2006	01EP-995682.0	30-Nov-2001	30-Nov-2021
3	EPC	France	EP1449403	15-Feb-2006	01EP-995682.0	30-Nov-2001	30-Nov-2021
4	EPC	United Kingdom	EP1449403	15-Feb-2006	01EP-995682.0	30-Nov-2001	30-Nov-2021
5	EPC	Italy	EP1449403	15-Feb-2006	01EP-995682.0	30-Nov-2001	30-Nov-2021
6	PCT	USA	US7209607	24-Apr-2007	01US-10/497009	30-Nov-2001	23-Jan-2022

CASE N° PC0963

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO03/055017	03-Jul-2003	01CA-2470136	21-Dec-2001	21-Dec-2021
2	PCT	China	CN1582519	03-Jul-2003	01CN-823901.3	21-Dec-2001	21-Dec-2021
3	PCT	EPO	WO03/055017	03-Jul-2003	01EP-986436.2	21-Dec-2001	21-Dec-2021
4	PCT	USA	US7116469	03-Oct-2006	01US-10/499020	21-Dec-2001	21-Dec-2021

CASE N° PC0972

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	USA	US7233729	19-Jun-2007	02US-10/506658	06-Mar-2002	06-Mar-2022

CASE N° PC0973

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	USA	US7346239	18-Mar-2008	02US-10/506769	06-Mar-2002	06-Mar-2022

CASE N° PC0974

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	USA	US7133588	07-Nov-2006	02US-10/506542	06-Mar-2002	06-Mar-2022

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC0984**

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO03/103108	11-Dec-2003	02CA-2487148	31-May-2002	31-May-2022
2	PCT	China	CN1628401	11-Dec-2003	02CN-829069.0	31-May-2002	31-May-2022
3	PCT	EPO	EP1509976	11-Dec-2003	02EP-750998.3	31-May-2002	31-May-2022

CASE N° PC0987

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PAT	EPO	EP1518149	08-Jan-2004	02EP-754798.3	28-Jun-2002	28-Jun-2022
2	PAT	USA	US7324267	29-Jan-2008	02US-10/518855	28-Jun-2002	28-Jun-2022

CASE N° PC0989

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1518135	08-Jan-2004	02EP-754769.4	27-Jun-2002	27-Jun-2022
2	PCT	USA	US7274854	25-Sep-2007	02US-10/518352	27-Jun-2002	27-Jan-2023

CASE N° PC0991

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	-	-	02CA-2493689	26-Jul-2002	26-Jul-2022
2	EPC	Germany	DE60212726.2	21-Jun-2006	02EP-767266.6	26-Jul-2002	26-Jul-2022
3	EPC	France	EP1525647	21-Jun-2006	02EP-767266.6	26-Jul-2002	26-Jul-2022
4	EPC	United Kingdom	EP1525647	21-Jun-2006	02EP-767266.6	26-Jul-2002	26-Jul-2022
5	EPC	Italy	EP1525647	21-Jun-2006	02EP-767266.6	26-Jul-2002	26-Jul-2022

CASE N° PC0992

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	-	-	02CA-2492810	31-Jul-2002	31-Jul-2022
2	PCT	China	CN02829391.6	14-Nov-2007	02CN-829391.6	31-Jul-2002	31-Jul-2022
3	PCT	EPO	EP1525648	04-Mar-2004	02EP-767287.2	31-Jul-2002	31-Jul-2022
4	PCT	Japan	JP534997	04-Mar-2004	02JP-529741	31-Jul-2002	31-Jul-2022
5	PCT	USA	US7253944	07-Aug-2007	02US-10/522555	31-Jul-2002	31-Jul-2022
6	DIV	USA	-	-	07US-11/802011	18-May-2007	31-Jul-2022

CASE N° PC0995

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1497689	06-Nov-2003	02EP-764823.7	31-Jul-2002	31-Jul-2022
2	PCT	USA	US7242517	10-Jul-2007	02US-10/518473	31-Jul-2002	28-Oct-2022

CASE N° PC1020

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1573869	08-Jul-2004	02EP-808262.6	19-Dec-2002	19-Dec-2022
2	PCT	USA	US7145716	05-Dec-2006	05US-10/538846	19-Dec-2002	19-Dec-2022

CASE N° PC1022

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	EPC	Germany	EP1576396	23-Apr-2008	02EP-796764.5	23-Dec-2002	23-Dec-2022
2	EPC	Spain	EP1576396	23-Apr-2008	02EP-796764.5	23-Dec-2002	23-Dec-2022

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC1022**

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
3	EPC	France	EP1576396	23-Apr-2008	02EP-796764.5	23-Dec-2002	23-Dec-2022
4	EPC	United Kingdom	EP1576396	23-Apr-2008	02EP-796764.5	23-Dec-2002	23-Dec-2022
5	EPC	Italy	EP1576396	23-Apr-2008	02EP-796764.5	23-Dec-2002	23-Dec-2022
6	PCT	USA	US7217377	15-May-2007	02US-10/538874	23-Dec-2002	23-Dec-2022

CASE N° PC1028

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1581828	15-Jul-2004	02WO-EP14812	31-Dec-2002	31-Dec-2022
2	PCT	USA	US7356219	08-Apr-2008	02US-10/541071	31-Dec-2002	31-Dec-2022

CASE N° PC1035

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1618433	30-Oct-2004	03EP-723087.7	30-Apr-2003	30-Apr-2023
2	PCT	Japan	JP525531	30-Oct-2004	03JP-571279	30-Apr-2003	30-Apr-2023
3	PCT	USA	US2007-0147725	30-Oct-2004	03US-10/554933	30-Apr-2003	30-Apr-2023

CASE N° PC1047

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO2005/015278	17-Feb-2005	06CA-2534970	04-Aug-2003	04-Aug-2023
2	PCT	China	CN1839331	17-Feb-2005	03CN-827101.X	04-Aug-2003	04-Aug-2023
3	PCT	EPO	EP1651988	17-Feb-2005	03EP-817938.8	04-Aug-2003	04-Aug-2023
4	PCT	USA	US08-0044126	17-Feb-2005	03US-10/566948	04-Aug-2003	04-Aug-2023

CASE N° PC1061

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	China	CN1879056A	02-Jun-2005	03CN-80110636.1	05-Nov-2003	05-Nov-2023
2	PCT	EPO	EP1680706	02-Jun-2005	03EP-795805.5	05-Nov-2003	05-Nov-2023
3	PCT	USA	US7292752	06-Nov-2007	03US-10/578252	05-Nov-2003	05-Nov-2023

CASE N° PC1072

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO2005/064365	14-Jul-2005	03CA-2550677	24-Dec-2003	24-Dec-2023
2	EPC	Switzerland	EP1704428	28-May-2008	03EP-789424.3	24-Dec-2003	24-Dec-2023
3	PCT	China	CN1886680A	14-Jul-2005	03CN-80110910.5	24-Dec-2003	24-Dec-2023
4	EPC	Germany	EP1704428	28-May-2008	03EP-789424.3	24-Dec-2003	24-Dec-2023
5	DIV	EPO	-	-	08EP-154863.8	24-Dec-2003	24-Dec-2023
6	EPC	France	EP1704428	28-May-2008	03EP-789424.3	24-Dec-2003	24-Dec-2023
7	EPC	United Kingdom	EP1704428	28-May-2008	03EP-789424.3	24-Dec-2003	24-Dec-2023
8	PCT	Israel	WO2005/064365	14-Jul-2005	03IL-176345	24-Dec-2003	24-Dec-2023
9	PCT	India	WO2005/064365	14-Jul-2005	06IN-3292	24-Dec-2003	24-Dec-2023
10	EPC	Italy	EP1704428	28-May-2008	03EP-789424.3	24-Dec-2003	24-Dec-2023
11	PCT	Japan	JP2007-524218	14-Jul-2005	05JP-512678	24-Dec-2003	24-Dec-2023
12	PCT	Korea - South Repub.	WO2005/064365	14-Jul-2005	06KR-7012649	24-Dec-2003	24-Dec-2023
13	EPC	Sweden	EP1704428	28-May-2008	03EP-789424.3	24-Dec-2003	24-Dec-2023
14	PCT	USA	US2007/0071061	14-Jul-2005	03US-10/584507	24-Dec-2003	24-Dec-2023

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC1073**

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO2005/064375	14-Jul-2005	03CA-2550678	24-Dec-2003	24-Dec-2023
2	PCT	China	CN1886886A	14-Jul-2005	03CN-80110909.2	24-Dec-2003	24-Dec-2023
3	PCT	EPO	WO2005/064375	14-Jul-2005	03EP-819179.7	24-Dec-2003	24-Dec-2023
4	PCT	USA	US07/0071394	14-Jul-2005	03US-10/584315	24-Dec-2003	24-Dec-2023

CASE N° PC1074

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	WO2005/064371	14-Jul-2005	03EP-799601.4	29-Dec-2003	29-Dec-2023
2	PCT	USA	WO2005/064371	14-Jul-2005	03US-584853	29-Dec-2003	29-Dec-2023

CASE N° PC1078

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	USA	US07-02074731	29-Sep-2005	04US-10/592032	10-Mar-2004	10-Mar-2024

CASE N° PC1081

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO2005/096086	13-Oct-2005	04CA-2561153	31-Mar-2004	31-Mar-2024
2	PCT	China	CN1961254	13-Oct-2005	04CN-80042605.1	31-Mar-2004	31-Mar-2024
3	PCT	EPO	EP1730586	13-Oct-2005	04EP-724607.9	31-Mar-2004	31-Mar-2024
4	PCT	Japan	JP2007-501022	13-Oct-2005	07JP-505389	31-Mar-2004	31-Mar-2024
5	PCT	USA	WO2005/096086	13-Oct-2005	04US-10/593697	31-Mar-2004	31-Mar-2024

CASE N° PC1084

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1740991	10-Nov-2005	04EP-730550.3	30-Apr-2004	30-Apr-2024
2	PCT	USA	WO05/106551	10-Nov-2005	04WO-EP050663	30-Apr-2004	30-Apr-2024

CASE N° PC1090

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	EPO	EP1759230	29-Dec-2005	04EP-740227.6	21-Jun-2004	21-Jun-2024
2	PCT	USA	WO05/124412	29-Dec-2005	04WO-EP06810	21-Jun-2004	21-Jun-2024

CASE N° PC1092

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Australia	WO2006/002663	30-Dec-2005	04AU-321231	30-Jun-2004	30-Jun-2024
2	PCT	Canada	WO2006/002663	30-Dec-2005	04CA-2571699	30-Jun-2004	30-Jun-2024
3	PCT	China	CN1977431	30-Dec-2005	04CN-80043483.8	30-Jun-2004	30-Jun-2024
4	PCT	EPO	EP1761980	30-Dec-2005	04EP-740481.9	30-Jun-2004	30-Jun-2024
5	PCT	India	WO2006/002663	30-Dec-2005	06IN-7353	30-Jun-2004	30-Jun-2024
6	PCT	Japan	JP2008-504701	30-Dec-2005	07JP-518458	30-Jun-2004	30-Jun-2024
7	PCT	Korea - South Repub.	WO2006/002663	30-Dec-2005	06KR-7027593	30-Jun-2004	30-Jun-2024
8	PCT	USA	WO2006/002663	30-Dec-2005	06US-11/579167	30-Jun-2004	30-Jun-2024

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC1093**

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1769275	26-Jan-2006	04EP763402.7	22-Jul-2004	22-Jul-2024

CASE N° PC1095

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	USA	WO06/012915	09-Feb-2006	04US-11/659037	05-Aug-2004	05-Aug-2024

CASE N° PC1100

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	WO2006/045324	04-May-2006	04EP-790751.4	22-Oct-2004	22-Oct-2024
2 PCT	USA	US07/0280689	04-May-2006	04US-11/665466	22-Oct-2004	22-Oct-2024

CASE N° PC1104

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1769276	26-Jan-2006	04EP-803160.3	17-Nov-2004	17-Nov-2024
2 PCT	USA	WO06/007875	26-Jan-2006	04US-11/632162	17-Nov-2004	17-Nov-2024

CASE N° PC1110

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	USA	US08-0050063	15-Jun-2006	04WO-EP053508	15-Dec-2004	15-Dec-2024

CASE N° PC1112

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	China	CN101088168	29-Jun-2006	04CN-80044693.9	24-Dec-2004	24-Dec-2024
2 PCT	EPO	EP1829115	29-Jun-2006	04EP-804304.6	24-Dec-2004	24-Dec-2024
3 PCT	Japan	WO06/066611	29-Jun-2006	07JP-547193728	24-Dec-2004	24-Dec-2024
4 PCT	USA	US2008-073744	29-Jun-2006	04US-11/793238	24-Dec-2004	24-Dec-2024

CASE N° PC1113

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1832147	06-Jul-2006	04EP-804388.9	29-Dec-2004	29-Dec-2024
2 PCT	USA	WO06/069589	06-Jul-2006	04WO-EP014802	29-Dec-2004	29-Dec-2024

CASE N° PC1114

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1828824	29-Jun-2006	04EP-804330.1	23-Dec-2004	23-Dec-2024
2 PCT	USA	WO06/066614	29-Jun-2006	04WO-EP014740	23-Dec-2004	23-Dec-2024

CASE N° PC1116

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1846786	17-Aug-2006	05EP-715320.7	10-Feb-2005	10-Feb-2025
2 PCT	USA	WO06/084480	17-Aug-2006	05US-11/667942	10-Feb-2005	10-Feb-2025

CASE N° PC1118

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1866688	05-Oct-2006	05EP-716482.4	31-Mar-2005	31-Mar-2025

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC1118**

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
2 PCT	USA	WO2006/102917	05-Oct-2006	06US-886770	31-Mar-2005	31-Mar-2025

CASE N° PC1124

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	Canada	WO2007/003208	11-Jan-2007	05WO-EP007085	30-Jun-2005	30-Jun-2025
2 PCT	EPO	WO2007/003208	11-Jan-2007	05WO-EP007085	30-Jun-2005	30-Jun-2025
3 PCT	Japan	WO2007/003208	11-Jan-2007	08JP-518638	30-Jun-2005	30-Jun-2025
4 PCT	USA	WO2007/003208	11-Jan-2007	05WO-EP007085	30-Jun-2005	30-Jun-2025

CASE N° PC1129

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1787408	16-Mar-2006	05EP-779568.4	06-Sep-2005	06-Sep-2025
2 PCT	USA	WO2006/027205	16-Mar-2006	05US-11/661416	06-Sep-2005	06-Sep-2025

CASE N° PC1132

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	China	WO2007/065457	14-Jun-2007	05WO-EP013110	07-Dec-2005	07-Dec-2025
2 PCT	EPO	WO2007/065457	14-Jun-2007	05WO-EP013110	07-Dec-2005	07-Dec-2025
3 PCT	USA	WO2007/065457	14-Jun-2007	05WO-EP013110	07-Dec-2005	07-Dec-2025

CASE N° PC1134

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	WO2007/065455	14-Jun-2007	05EP-814644.0	06-Dec-2005	06-Dec-2025
2 PCT	USA	WO2007/065455	14-Jun-2007	05WO-EP013060	06-Dec-2005	06-Dec-2025

CASE N° PC1135

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	USA	WO2007/073763	05-Jul-2007	05WO-EP014092	28-Dec-2005	28-Dec-2025

CASE N° PC1136

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	WO2007/073764	05-Jul-2007	05EP-850367.3	28-Dec-2005	28-Dec-2025
2 PCT	USA	WO2007/073764	05-Jul-2007	05WO-EP014093	28-Dec-2005	28-Dec-2025

CASE N° PC1137

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	WO2007/074485	05-Jul-2007	05EP850989.4	28-Dec-2005	28-Dec-2025
2 PCT	USA	WO2007/074485	05-Jul-2007	05WO-IT000773	28-Dec-2005	28-Dec-2025

CASE N° PC1141

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	WO2007/107187	27-Sep-2007	06WO-EP060977	23-Mar-2006	23-Oct-2008

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.**CASE N° PC1142**

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	WO2007/107186	27-Sep-2007	06WO-EP060975	23-Mar-2006	23-Oct-2008

CASE N° PC1144

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	WO2007/134638	29-Nov-2007	06WO-EP062500	22-May-2006	22-Dec-2008

CASE N° PC1146

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	WO2008/006387	17-Jan-2008	06WO-EP006812	12-Jul-2006	12-Feb-2009

CASE N° PC1147

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	WO2008-017318	14-Feb-2008	06WO-EP007857	08-Aug-2006	08-Mar-2009

CASE N° PC1149

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	06WO-EP010722	09-Nov-2006	09-Jun-2009

CASE N° PC1150

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	06WO-EP010723	09-Nov-2006	09-Jun-2009

CASE N° PC1151

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	06WO-EP010732	09-Nov-2006	09-Jun-2009

CASE N° PC1156

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	06WO-EP012448	22-Dec-2006	22-Jul-2009

CASE N° PC1157

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	06WO-EP012603	29-Dec-2006	29-Jul-2009

CASE N° PC1159

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	07WO-EP002941	02-Apr-2007	02-Nov-2009

CASE N° PC1164

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	07WO-IT000295	20-Apr-2007	20-Nov-2009

A.1.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C.

CASE N° PC1179

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	07WO-IB055292	21-Dec-2007	21-Jul-2010

CASE N° PC1181

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	08WO-EP052494	29-Feb-2008	29-Sep-2010

CASE N° PC1182

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	08WO-EP052495	29-Feb-2008	29-Sep-2010

CASE N° PC1184

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	08WO-IT000240	11-Apr-2008	11-Nov-2010

Total Cases: 74
Total Patents: 203

A.2.1) CASE LIST – COMPONENTS/DEVICES – PIRELLI & C./TELECOM ITALIA

N. CaseNum	Owner	Title	Prior.Date	Prior.No
1 PC1032	Pirelli & C. SpA, Telecom Italia SpA	Apparatus for mitigating the effects of polarization mode dispersion of a plurality of optical signals	21/03/2003	03WO-EP03176
2 PC1056	Pirelli & C. SpA, Telecom Italia SpA	Phase-control in an external-cavity tuneable laser	30/09/2003	03WO-EP10856
3 PC1062	Pirelli & C. SpA, Telecom Italia SpA	Wavelength control of an external-cavity tuneable laser	30/09/2003 07/11/2003	03WO-EP10856 03WO-EP12469
Total cases 3				

A.2.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C./TELECOM ITALIA**CASE N° PC1032**

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	China	CN1759549	28-Apr-2006	03CN-826153.7	21-Mar-2003	21-Mar-2023
2	PCT	EPO	-	-	03EP-816338.2	21-Mar-2003	21-Mar-2023
3	PCT	USA	-	-	03US-10/546257	21-Mar-2003	21-Mar-2023

CASE N° PC1056

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Australia	WO2005/041371	06-May-2005	03AU-271667	30-Sep-2003	30-Sep-2023
2	PCT	Canada	WO2005/041371	06-May-2005	03CA-2540600	30-Sep-2003	30-Sep-2023
3	PCT	China	CN1839522	06-May-2005	03CN-03827146.X	30-Sep-2003	30-Sep-2023
4	PCT	EPO	EP1668751	06-May-2005	03EP-753486.4	30-Sep-2003	30-Sep-2023
5	PCT	India	WO2005/041371	06-May-2005	06IN-1208	30-Sep-2003	30-Sep-2023
6	PCT	Japan	JP2007-515771	06-May-2005	03JP-509794	30-Sep-2003	30-Sep-2023
7	PCT	Korea - South Repub.	WO2005/041371	06-May-2005	03KR-7006231	30-Sep-2003	30-Sep-2023
8	PCT	USA	US2007/0211772	06-May-2005	03US-10/573892	30-Sep-2003	30-Sep-2023

CASE N° PC1062

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Australia	WO2005/041372	06-May-2005	03AU-283377	07-Nov-2003	07-Nov-2023
2	PCT	Canada	WO2005/041372	06-May-2005	03CA-2540605	07-Nov-2003	07-Nov-2023
3	PCT	China	CN1839523	06-May-2005	03CN-80110477.5	07-Nov-2003	07-Nov-2023
4	PCT	EPO	EP1668752	06-May-2005	03EP-775324.1	07-Nov-2003	07-Nov-2023
5	PCT	Japan	JP2007-524215	06-May-2005	03JP-509813	07-Nov-2003	07-Nov-2023
6	PCT	Korea - South Repub.	WO2005/041372	06-May-2005	06KR-7006232	07-Nov-2003	07-Nov-2023
7	PCT	USA	US2007/0268939	06-May-2005	03US-10/573895	07-Nov-2003	07-Nov-2023

Total Cases: 3
Total Patents: 18

A.3.1) CASE LIST – COMPONENTS/DEVICES – PIRELLI & C./MIT

N. CaseNum	Owner	Title	Prior.Date	Prior.No
1 PCMIT004	MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Pirelli & C. SpA	A chiral waveguide	30/10/2002 16/06/2003	02US-60/422414 03US-60/478751
Total cases 1				

A.3.2) PATENT LIST – COMPONENTS/DEVICES – PIRELLI & C./MIT

CASE N° PCMIT004

N.	Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1	PCT	Canada	WO04/042458	21-May-2004	03CA-25003825	30-Oct-2003	30-Oct-2023
2	PCT	China	CN200380102345	16-Jan-2008	03CN-80102345.8	30-Oct-2003	30-Oct-2023
3	PCT	EPO	EP1558964	21-May-2004	03EP-776617.7	30-Oct-2003	30-Oct-2023
4	PCT	India	WO04/042458	21-May-2004	05IN-1528	30-Oct-2003	30-Oct-2023
5	PCT	Japan	JP509264	21-May-2004	05-JP-502227	30-Oct-2003	30-Oct-2023
6	PCT	Korea - South Repub.	WO04/042458	21-May-2004	05KR-7007410	30-Oct-2003	30-Oct-2023
7	PCT	USA	US7228015	05-Jun-2007	05US-10/533370	30-Oct-2003	30-Oct-2023
Total Cases:							1
Total Patents:							7

B

**SYSTEMS
PATENTS**

B.1.1) CASE LIST – SYSTEMS – PIRELLI & C.

N. CaseNum	Owner	Title	Prior.Date	Prior.No
1 PC0938	Pirelli & C. SpA	WDM optical transmission system using a spectral inversion device	30/07/2001 03/08/2001	01EP-118289.6 01US-60/309480
2 PC0946	Pirelli & C. SpA	Soliton transmission on optical fibers having alternating dispersion with wavelength conversion	28/09/2001	01WO-IT00499
3 PC0947	Pirelli & C. SpA	Transmission of solitons on alternate sign dispersion optical fibres with phase conjugation	28/09/2001	01WO-IT00498
4 PC0954	Pirelli & C. SpA	Method for planning or provisioning data transport networks	30/11/2001 10/12/2001	01EP-128616.8 01US-337138
5 PC0975	Pirelli & C. SpA	Optical transmission system using an optical phase conjugation device	22/03/2002	02WO-EP03250
6 PC0976	Pirelli & C. SpA	Optical transmission system using an optical phase conjugation device	22/03/2002	02WO-EP03251
7 PC1010	Pirelli & C. SpA	Optical communication system	29/11/2002	02WO-EP13514
8 PC1023	Pirelli & C. SpA	Optical transmission system using an optical phase conjugation device	23/12/2002	02WO-EP14730
9 PC1049	Pirelli & C. SpA	OPTICAL COMMUNICATION LINE	24/07/2003	03WO-IT00455
10 PC1139	Pirelli & C. SpA	Passive Optical Network comprising Multi-Longitudinal Mode emitting devices	03/02/2006	06WO-IT000057
11 PC1158	Pirelli & C. SpA	Optical transmission system with optical chromatic dispersion compensator	27/12/2006	06WO-IB003778
12 PC1176	Pirelli & C. SpA	System and method for coherent detection of optical signals	06/12/2007	07WO-IB054948
13 PCUS0043	Pirelli & C. SpA	Method and apparatus for polarization multiplexing and demultiplexing optical tributary signals	03/03/2000	00US-09/518134

Total cases 13

B.1.2) PATENT LIST – SYSTEMS – PIRELLI & C.**CASE N° PCUS0043**

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	USA	US6577413	10-Jun-2003	00US-09/518134	03-Mar-2000	03-Mar-2020
2 EPC	Germany	EP1260044	11-Jul-2007	01EP-908044.9	02-Mar-2001	02-Mar-2021
3 EPC	France	EP1260044	11-Jul-2007	01EP-908044.9	02-Mar-2001	02-Mar-2021
4 EPC	United Kingdom	EP1260044	11-Jul-2007	01EP-908044.9	02-Mar-2001	02-Mar-2021
5 EPC	Italy	EP1260044	11-Jul-2007	01EP-908044.9	02-Mar-2001	02-Mar-2021

CASE N° PC0938

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60106012.1	29-Sep-2004	01EP-118289.6	30-Jul-2001	30-Jul-2021
2 EPC	France	EP1282247	29-Sep-2004	01EP-118289.6	30-Jul-2001	30-Jul-2021
3 EPC	United Kingdom	EP1282247	29-Sep-2004	01EP-118289.6	30-Jul-2001	30-Jul-2021
4 EPC	Italy	EP1282247	29-Sep-2004	01EP-118289.6	30-Jul-2001	30-Jul-2021
5 PAT	USA	US7187868	06-Mar-2007	02US-10/206349	29-Jul-2002	29-Jul-2022

CASE N° PC0946

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60110473.0	27-Apr-2005	01EP-976629.4	28-Sep-2001	28-Sep-2021
2 EPC	France	EP1436920	27-Apr-2005	01EP-976629.4	28-Sep-2001	28-Sep-2021
3 EPC	United Kingdom	EP1436920	27-Apr-2005	01EP-976629.4	28-Sep-2001	28-Sep-2021
4 EPC	Italy	EP1436920	27-Apr-2005	01EP-976629.4	28-Sep-2001	28-Sep-2021
5 PCT	USA	US05/0018984	10-Apr-2003	04US-10/491211	28-Sep-2001	28-Sep-2021

CASE N° PC0947

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	WO03/030411	10-Apr-2003	01EP-976628.6	28-Sep-2001	28-Sep-2021

CASE N° PC0954

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60209257	15-Feb-2006	02EP-795069.0	21-Nov-2002	21-Nov-2022
2 EPC	France	EP1449320	15-Feb-2006	02EP-795069.0	21-Nov-2002	21-Nov-2022
3 EPC	United Kingdom	EP1449320	15-Feb-2006	02EP-795069.0	21-Nov-2002	21-Nov-2022
4 EPC	Italy	EP1449320	15-Feb-2006	02EP-795069.0	21-Nov-2002	21-Nov-2022
5 PCT	USA	US7362974	22-Apr-2008	02US-10/497008	21-Nov-2002	21-Nov-2022

CASE N° PC0975

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60220100.4	09-May-2007	02EP-718200.5	22-Mar-2002	22-Mar-2022
2 EPC	France	EP1488550	09-May-2007	02EP-718200.5	22-Mar-2002	22-Mar-2022
3 EPC	United Kingdom	EP1488550	09-May-2007	02EP-718200.5	22-Mar-2002	22-Mar-2022
4 EPC	Italy	EP1488550	09-May-2007	02EP-718200.5	22-Mar-2002	22-Mar-2022
5 PCT	USA	US2005/0169637	02-Oct-2003	02US-10/508521	22-Mar-2002	22-Mar-2022

CASE N° PC0976

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60208669.8	11-Jan-2006	02EP-727461.2	22-Mar-2002	22-Mar-2022

B.1.2) PATENT LIST – SYSTEMS – PIRELLI & C.**CASE N° PC0976**

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
2 EPC	France	EP1488551	11-Jan-2006	02EP-727461.2	22-Mar-2002	22-Mar-2022
3 EPC	United Kingdom	EP1488551	11-Jan-2006	02EP-727461.2	22-Mar-2002	22-Mar-2022
4 EPC	Italy	EP1488551	11-Jan-2006	02EP-727461.2	22-Mar-2002	22-Mar-2022
5 PCT	USA	US7218807	15-May-2007	02US-10/508515	22-Mar-2002	22-Mar-2022

CASE N° PC1010

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60218546.7	28-Feb-2007	02EP-787873.5	29-Nov-2002	29-Nov-2022
2 EPC	France	EP1566002	28-Feb-2007	02EP-787873.5	29-Nov-2002	29-Nov-2022
3 EPC	United Kingdom	EP1566002	28-Feb-2007	02EP-787873.5	29-Nov-2002	29-Nov-2022
4 EPC	Italy	EP1566002	28-Feb-2007	02EP-787873.5	29-Nov-2002	29-Nov-2022
5 PCT	USA	US06-0140636	17-Jun-2004	02US-10/536807	29-Nov-2002	29-Nov-2022

CASE N° PC1023

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 EPC	Germany	DE60220731.2	13-Jun-2007	02EP-808266.7	23-Dec-2002	23-Dec-2022
2 EPC	France	EP1576747	13-Jun-2007	02EP-808266.7	23-Dec-2002	23-Dec-2022
3 EPC	United Kingdom	EP1576747	13-Jun-2007	02EP-808266.7	23-Dec-2002	23-Dec-2022
4 EPC	Italy	EP1576747	13-Jun-2007	02EP-808266.7	23-Dec-2002	23-Dec-2022
5 PCT	USA	US06/0250678	08-Jul-2004	02US-10/540491	23-Dec-2002	23-Dec-2022

CASE N° PC1049

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1649618	03-Feb-2005	03EP-817630.1	24-Jul-2003	24-Jul-2023
2 PCT	USA	US7324721	29-Jan-2008	03US-10/565590	24-Jul-2003	24-Jul-2023

CASE N° PC1139

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	06WO-IT000057	03-Feb-2006	03-Sep-2008

CASE N° PC1158

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	06WO-IB003778	27-Dec-2006	27-Jul-2009

CASE N° PC1176

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PAT	World Intellectual Property Organization	-	-	07WO-IB054946	06-Dec-2007	06-Jul-2010

Total Cases: 13
Total Patents: 46

B.2.1) CASE LIST – SYSTEMS – PIRELLI & C./TELECOM ITALIA

N. CaseNum	Owner	Title	Prior.Date	Prior.No
1 PC1008	Pirelli & C. SpA, Telecom Italia SpA	Optical communication line and system with reduced polarization mode dispersion	08/11/2002	02WO-IT00708
2 PC1025	Pirelli & C. SpA, Telecom Italia SpA	Processing station for a mobile radio network and signal processing method	24/12/2002	02WO-IB05613
3 PC1048	Pirelli & C. SpA, Telecom Italia SpA	A modular, easily configurable and expandable node structure for an optical communications network	07/08/2003	03WO-EP08748
4 PC1127	Pirelli & C. SpA, Telecom Italia SpA	Method for configuring an optical network	08/08/2005	05WO-EP008590
5 TEL0969	Telecom Italia SpA, Pirelli & C. SpA	Communications method, particularly, for a mobile radio network	25/10/2004	04WO-IB003518

Total cases 5

B.2.2) PATENT LIST – SYSTEMS – PIRELLI & C./TELECOM ITALIA**CASE N° PC1008**

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	China	CN1695328A	21-May-2004	02CN-829817.9	08-Nov-2002	08-Nov-2022
2 PCT	EPO	EP1570595	21-May-2004	02EP-788559.9	08-Nov-2002	08-Nov-2022
3 PCT	USA	US06/0268392	21-May-2004	US06-10/534041	08-Nov-2002	08-Nov-2022

CASE N° PC1025

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP1576779	15-Jul-2004	02EP-788430.3	24-Dec-2002	24-Dec-2022
2 PCT	USA	US06/0121944	15-Jul-2004	02US-10/540530	24-Dec-2002	24-Dec-2022

CASE N° PC1048

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	Australia	WO2005/015798	17-Feb-2005	03AU-281996	07-Aug-2003	07-Aug-2023
2 PCT	Brazil	WO2005/015798	17-Feb-2005	03BR-0318451.0	07-Aug-2003	07-Aug-2023
3 PCT	Canada	WO2005/015798	17-Feb-2005	06CA-2534673	07-Aug-2003	07-Aug-2023
4 PCT	China	CN1839575	17-Feb-2005	03CN-827102.8	07-Aug-2003	07-Aug-2023
5 PCT	EPO	EP1652326	17-Feb-2005	03EP-773602.2	07-Aug-2003	07-Aug-2023
6 PCT	Japan	JP2007-515815	17-Feb-2005	03WO-EP08748	07-Aug-2003	07-Aug-2023
7 PCT	Korea - South Repub.	WO2005/015798	17-Feb-2005	06KR-7002662	07-Aug-2003	07-Aug-2023
8 PCT	USA	US2007/0258715	17-Feb-2005	03US-10/567374	07-Aug-2003	07-Aug-2023

CASE N° PC1127

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	EPO	EP08-1943784	15-Feb-2007	05EP-770858.6	08-Aug-2005	08-Aug-2025
2 PCT	USA	WO07/016942	15-Feb-2007	05US-11/989604	08-Aug-2005	08-Aug-2025

CASE N° TEL0969

N. Type	Country	Pub/Pat number	Pub/Grant	Application N°	Filing date	Exp. date
1 PCT	Brazil	WO2006/046088	04-May-2006	04BR-0419134.0	25-Oct-2004	25-Oct-2024
2 PCT	China	CN101076961	04-May-2006	04CN-80044544.2	25-Oct-2004	25-Oct-2024
3 PCT	EPO	EP1813042	04-May-2006	04EP-769738.8	25-Oct-2004	25-Oct-2024
4 PCT	USA	WO2006/046088	04-May-2006	04US-11/666115	25-Oct-2004	25-Oct-2024

Total Cases: 5
Total Patents: 19