

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3190297

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INCORRECTLY IDENTIFIED SERIAL NO. 13/461,169 AND CORRECT IT TO 13/146,169 previously recorded on Reel 032166 Frame 0875. Assignor(s) hereby confirms the SECURITY INTEREST.
CONVEYING PARTY DATA	
Name	Execution Date
POLYMER TECHNOLOGY SYSTEMS, INC.	12/16/2011
RECEIVING PARTY DATA	
Name:	PNC BANK, NATIONAL ASSOCIATION, AS AGENT
Street Address:	500 FIRST AVENUE
Internal Address:	PNC FIRSTSIDE CENTER
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15219
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13146169
CORRESPONDENCE DATA	
Fax Number:	(216)363-4588
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	216.363.4677
Email:	patent@beneschlaw.com
Correspondent Name:	DUNCAN H. POIRIER
Address Line 1:	BENESCH FRIEDLANDER COPLAN & ARONOFF LLP
Address Line 2:	200 PUBLIC SQUARE, SUITE 2300
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	34949-2
NAME OF SUBMITTER:	DUNCAN H. POIRIER
SIGNATURE:	/Duncan H. Poirier/
DATE SIGNED:	01/21/2015
Total Attachments: 122	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
POLYMER TECHNOLOGY SYSTEMS, INC.	12/16/2011
RECEIVING PARTY DATA	
Name:	PNC BANK, NATIONAL ASSOCIATION, AS AGENT
Street Address:	500 FIRST AVENUE
Internal Address:	PNC FIRSTRIDE CENTER
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15219
PROPERTY NUMBERS Total: 8	
Property Type	Number
PCT Number:	US1339082
Application Number:	13592143
Application Number:	13843116
Application Number:	13461169 corrected to 13146169
Application Number:	13453465
Application Number:	13874971
Patent Number:	7476548
Application Number:	61776306
CORRESPONDENCE DATA	
Fax Number:	(216)363-4588
Phone:	216.363.4677
Email:	patent@beneschlaw.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	DUNCAN POIRIER
Address Line 1:	BENESCH FRIEDLANDER COPLAN & ARONOFF LLP
Address Line 2:	200 PUBLIC SQUARE, SUITE 2300
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	34949-2

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RECEIPT INFORMATION

EPAS ID: PAT2715645
Receipt Date: 02/06/2014

PATENT

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement, as it may be amended, restated or otherwise modified from time to time (this "Agreement"), is executed and delivered as of this 16th day of December 2011, by POLYMER TECHNOLOGY SYSTEMS, INC., a corporation organized under the laws of the State of Indiana (together with its successors and assigns, "Pledgor"), to PNC BANK, NATIONAL ASSOCIATION (together with its successors and assigns in its capacity as agent, "Agent"), as agent for the financial institutions which are now or which hereafter become a party to the Credit Agreements, as hereinafter defined (collectively, "Lenders").

RECITALS:

Pledgor, certain other Credit Parties which from time to time become party thereto, Agent and Lenders are entering into that certain Revolving Credit, Term Loan, Guaranty and Security Agreement, dated as of the date hereof (as the same may from time to time be amended, restated or otherwise modified, the "Domestic Credit Agreement") and that certain Export Revolving Credit, Guaranty and Security Agreement (the "Export Credit Agreement" and together with the Domestic Credit Agreement, collectively, the "Credit Agreements"). Pledgor desires that Lenders grant to Pledgor the financial accommodations as described in the Credit Agreements.

Pledgor deems it to be in its direct pecuniary and business interests that Pledgor obtain from Lenders the Advances (as defined in the Credit Agreements), and other financial accommodations provided for in the Credit Agreements.

Pledgor understands that Agent and Lenders are willing to enter into the Credit Agreements and to grant to Pledgor the Advances and such financial accommodations only upon certain terms and conditions, one of which is that Pledgor grant to Agent, for the benefit of Lenders, a security interest in, and an assignment of, the Collateral, as hereinafter defined, and this Agreement is being executed and delivered in consideration of Agent and Lenders entering into the Credit Agreements, granting to Pledgor the Advances and such other financial accommodations and for other valuable consideration.

NOW, THEREFORE, in consideration of the foregoing premises and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. Definitions. As used herein, the following terms shall have the following meanings:

"Assignment" shall mean an Assignment in the form of Exhibit A hereto.

"Collateral" shall mean, collectively, all of Pledgor's existing and future (a) Patents; (b) Trademarks; (c) Licenses; (d) all of the goodwill of Pledgor's business, including, but not limited to, all goodwill connected with and symbolized by the Trademarks; and (e) proceeds of any of the foregoing.

"Debt" shall mean the Obligations, as such term is defined in the Credit Agreements.

"Licenses" shall mean any license agreement with any other party, whether Pledgor is a licensor or licensee under any such license agreement, if any, including, without limitation, the licenses listed on Schedule C attached hereto and made a part hereof, and the right to prepare for sale, sell and advertise for sale, all Inventory now or hereafter owned by Pledgor and now or hereafter covered by such licenses.

"Patents" shall mean any patent and patent application, including, without limitation, the inventions and improvements described and claimed therein, if any, and those patents listed on Schedule A attached hereto and made a part hereof, and (a) the reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof; (b) all income, royalties, damages and payments now and hereafter due and/or payable under and with respect thereto, including, without limitation, damages and payments for past or future infringements thereof; (c) the right to sue for past, present and future infringements thereof; and (d) all rights corresponding thereto throughout the world.

"Obligor" shall mean a Person whose credit or any of whose property is pledged to the payment of any portion of the Debt and includes, without limitation, (a) Pledgor, (b) any Guarantor and (c) any signatory to an Other Document.

"PTO" shall mean the United States Patent and Trademark Office.

"Trademarks" shall mean any registered trademark, trademark registration, trade name and trademark application, registered service mark, service mark registration, service name and service mark application, if any, including, without limitation, the trademarks, trademark registrations, trade names and trademark applications, service marks, service mark registrations, service names and service mark applications listed on Schedule B attached hereto and made a part hereof, and (a) renewals thereof; (b) all income, royalties, damages and payments now and hereafter due and/or payable under and with respect thereto, including, without limitation, damages and payment for past or future infringements thereof; (c) the right to sue for past, present and future infringements thereof; and (d) all rights corresponding thereto throughout the world.

Capitalized terms used in this Agreement without definition have the meanings ascribed to such terms in the Credit Agreements.

2. Grant of Security Interest. In consideration of and as security for the full and complete payment of all of the Debt, Pledgor hereby agrees that Agent shall at all times have, and hereby grants to Agent, for its benefit and for the ratable benefit of each Lender, a security interest in all of the Collateral, including (without limitation) all of Pledgor's future Collateral, irrespective of any lack of knowledge by Agent or Lenders of the creation or acquisition thereof.

3. Warranties and Representations. Pledgor represents and warrants to Agent and Lenders that as of the date hereof:

(a) Pledgor owns all of the Collateral and, whether the same are registered or unregistered, no such Collateral has been adjudged invalid or unenforceable;

(b) except as set forth in Schedules 5.9 and 5.10 of the Credit Agreements, Pledgor has no knowledge of any claim that the use of any of the Collateral does or may violate the rights of any Person;

(c) except for Permitted Encumbrances and for licenses granted by Pledgor as licensor listed on Schedule 5.9 of the Credit Agreements, Pledgor is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to the Collateral, free and clear of any liens, charges and encumbrances, including, without limitation, pledges, assignments, licenses, registered user agreements and covenants by Pledgor not to sue third Persons;

(d) Pledgor has full power, authority and legal right to pledge the Collateral and enter into this Agreement and perform its terms;

(e) Pledgor has used, and shall continue to use, for the duration of this Agreement, proper statutory notice in connection with its use of the Collateral;

(f) Pledgor represents and warrants that it is the true and lawful owner or licensee of the Trademarks listed on Schedule B and Schedule C attached hereto and made a part hereof, and that said listed Trademarks constitute all the marks registered in the PTO that such Pledgor now owns or uses in connection with its business, other than any such marks which are (i) owned but not used and (ii) not material to its business. Pledgor represents and warrants that it owns or is licensed to use all Trademarks that it uses, and that it owns all of the registrations listed on Schedule B. Pledgor further warrants that it is not aware of any third party claim that any aspect of Pledgor's present or contemplated business operations infringes or will infringe on any registered trademark or registered service mark; and

(g) Pledgor represents and warrants that it is the true and lawful owner or licensee of all rights in the Patents listed on Schedule A and Schedule C attached hereto and made a part hereof, that said Patents constitute all the United States patents and applications for United States patents that Pledgor now owns, other than any such patents, applications and registrations which are (i) owned but not used and (ii) not material to its business. Pledgor represents and warrants that it owns or is licensed to use or practice under all Patent registrations and applications that it owns, uses or practices under, and that it owns all of the Patent registrations and applications listed on Schedule A. Pledgor further warrants that it is not aware of any third party claim that any aspect of Pledgor's present or contemplated business operations infringes or will infringe on any patent except as may be disclosed in Schedule 5.8(b) of the Credit Agreements.

4. Further Assignment Prohibited. Pledgor shall not enter into any agreement that is inconsistent with Pledgor's obligations under this Agreement and shall not otherwise sell or assign its interest in, or grant any license or sublicense with respect to, any of the Collateral other than as permitted under Section 4.3 of the Credit Agreements or with Agent's prior written consent. Absent permission under such Section 4.3 or such prior written consent, any such attempted sale or license is null and void.

5. Right to Inspect. Pledgor hereby grants to Agent and Lenders and their respective employees and agents the right to visit any location of Pledgor and to inspect Pledgor's books and records and to make excerpts therefrom and transcripts thereof at such times and upon such notice as is set forth in the Credit Agreements.

6. Standard Patent and Trademark Use. Pledgor shall not knowingly use the Collateral in any manner that would jeopardize the validity or legal status thereof. Pledgor shall comply with all patent marking requirements as specified in 35 U.S.C. §287. Pledgor shall further conform its usage of any trademarks to standard trademark usage, including, but not limited to, using the trademark symbols ®, ™, and SM where appropriate.

7. Event of Default.

(a) Pledgor expressly acknowledges that Agent may record this Agreement with the PTO. Contemporaneously herewith, Pledgor shall also execute and deliver to Agent the Assignment, which Assignment shall have no force and effect and shall be held by Agent, in escrow, until the occurrence of an Event of Default; provided that, anything herein to the contrary notwithstanding, the security interest granted herein shall be effective as of the date of this Agreement. After the occurrence of an Event of Default which is not cured within any applicable cure period or waived, the Assignment shall take effect immediately upon certification of such fact by an authorized officer of Agent in the form attached as Exhibit A and upon written notice to Pledgor and thereafter Agent may, in its sole discretion, record the Assignment with the PTO. The provisions of this paragraph (a) shall not limit or contradict the provisions of the following paragraph (b) or any of the rights and remedies of Agent described therein.

(b) If an Event of Default shall occur and be continuing, in addition to Agent's rights to elect to make the Assignment effective as provided for in paragraph (a) above, Pledgor irrevocably authorizes and empowers Agent, on behalf of Lenders, to terminate Pledgor's use of the Collateral and to exercise such rights and remedies as allowed by law, including without limitation all rights and remedies of a secured party under the UCC. Without limiting the generality of the foregoing, Agent may sell at public or private sale, in a commercially reasonable manner, or otherwise realize upon all or, from time to time, any of the Collateral, together with the associated goodwill, or any interest that Pledgor may have therein, and, after deducting from the proceeds of sale or other disposition of the Collateral all reasonable expenses (including all expenses for attorneys' and brokers' fees and other legal services), Agent shall apply such proceeds against payment of the Debt in accordance with the terms of the Credit Agreements. Notice of any sale or other disposition of the Collateral shall be given to Pledgor at least ten (10) days before the time of any intended public or private sale or other disposition of the Collateral is to be made, which Pledgor hereby agrees shall be reasonable notice of such sale or other disposition. At any such sale or other disposition, Agent or any Lender may, to the extent permissible under applicable law, purchase the whole or any part of the Collateral sold, free from any right of redemption on the part of Pledgor, which right is hereby waived and released.

8. Termination. At such time as the Debt has been irrevocably paid in full, the commitments of Lenders under the Credit Agreements terminated, and the Credit Agreements terminated and not replaced by any other credit facility with Agent and Lenders (or any of them), this Agreement shall terminate and Agent shall, upon Pledgor's request, execute and deliver to Pledgor, at Pledgor's expense, all deeds, assignments, and other instruments as Pledgor shall reasonably request to evidence the release of Agent's security interest in the Collateral in connection with such termination, subject to any disposition thereof that may have been made by Agent pursuant hereto; provided, however that the provisions of Sections 9, 11, 22, 23, 24, 26 and 28 shall survive any termination of this Agreement.

9. Maintaining Collateral, Attorneys' Fees, Costs and Expenses. Pledgor shall have the obligation and duty to perform all acts reasonably necessary to maintain or preserve the Collateral. Any and all fees, costs and expenses, of whatever kind or nature, including, without limitation, the reasonable attorneys' fees and legal expenses incurred by Agent and Lenders in connection with the amendment and enforcement of this Agreement, all renewals, required affidavits and all other documents relating hereto and the consummation of this transaction, the filing or recording of any documents (including all taxes in connection therewith) in public offices, the payment or discharge of any taxes, reasonable counsel fees, maintenance fees, encumbrances or otherwise protecting, maintaining or preserving the Collateral, or in defending or prosecuting any actions or proceedings arising out of or related to the Collateral, shall be borne and paid by Pledgor, within ten (10) days of demand by Agent, and, until so paid after demand, shall be added to the principal amount of the Debt and secured by the Collateral (and all other "Collateral" as defined in the Credit Agreements).

10. Pledgor's Obligations to Prosecute. Except as otherwise agreed to by Agent in writing or to the extent not material to its business, Pledgor shall have the duty to prosecute diligently any patent application or trademark application pending as of the date of this Agreement or thereafter until the Debt shall have been paid in full, and to do any and all acts that are reasonably necessary or desirable to preserve and maintain all rights in the Collateral, including, but not limited to, payment of any maintenance fees. Any expenses incurred by Agent in connection with the Collateral shall be borne by Pledgor. Pledgor shall not abandon any Collateral having an aggregate value of more than \$50,000 without the prior written consent of Agent.

11. Agent's Rights to Enforce. Pledgor shall have the right but not the obligation to bring any opposition proceedings, cancellation proceedings or lawsuit in its own name to enforce or protect the Collateral. Agent and Lenders shall have the right, but shall have no obligation, to join in any such action during the existence of an Event of Default. Pledgor shall promptly, and in any event within ten (10) days of demand, reimburse and indemnify Agent and Lenders for all damages, and expenses, including reasonable attorneys' fees incurred by Agent in connection with the provisions of this Section 11, in the event Agent and Lenders elect to join in any such action commenced by Pledgor.

12. Power of Attorney. Pledgor hereby authorizes and empowers Agent, on behalf of Lenders, to make, constitute and appoint any officer or agent of Agent as Agent may select, in its exclusive discretion, as Pledgor's true and lawful attorney-in-fact, after the occurrence and during the continuance of an Event of Default, with the power to endorse Pledgor's name on all applications, documents, papers and instruments reasonably necessary for Agent to use the Collateral, or to grant or issue any exclusive or nonexclusive license under the Collateral to any third party, or reasonably necessary for Agent to assign, pledge, convey or otherwise transfer title in or dispose of the Collateral, together with associated goodwill to a third party or parties, including the power to execute in the name of Pledgor and deliver to the PTO for recording instruments of assignment and/or transfer for all or any part of the Collateral naming as assignee or transferee either Agent or any party that may purchase all or any part of the Collateral at any public or private sale conducted by Agent as a secured creditor. Pledgor hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney shall be irrevocable for the life of this Agreement.

13. Agent's Right to Perform Obligations. If Pledgor materially fails to comply with any of its obligations under this Agreement, Agent, on behalf of Lenders, may after notice to

Pledgor, but is not obligated to, do so in Pledgor's name or in Agent's name, but at Pledgor's expense, and Pledgor hereby agrees to reimburse Agent on demand in full for all expenses, including reasonable attorneys' fees, incurred by Agent in protecting, defending and maintaining the Collateral.

14. Additional Documents. Pledgor shall, upon written request of Agent, enter into such additional documents or instruments as may be reasonably required by Agent in order to effectuate, evidence or perfect Agent's interests in the Collateral as evidenced by this Agreement.

15. New Collateral. If, before the Debt shall have been satisfied in full, Pledgor shall obtain rights to any new Collateral, the provisions of Sections 2 and 7 hereof shall automatically apply thereto as if the same were identified on Schedules A, B or C attached hereto and made a part hereof as of the date hereof, and Pledgor shall give Agent prompt written notice thereof as required in the Credit Agreements.

16. Modification for New Collateral. Pledgor hereby authorizes Agent to modify this Agreement by amending Schedules A, B and/or C to include any future Collateral as contemplated by Sections 2 and 15 hereof and, at Agent's request, Pledgor shall execute any documents or instruments reasonably required by Agent in order to modify this Agreement as provided in this Section 16, provided that any such modification to Schedules A, B and/or C shall be effective without the signature of Pledgor. Pledgor hereby acknowledges that Agent may refile or re-record this Agreement with the PTO, together with any such modification to Schedules A, B and/or C.

17. No Waiver. No course of dealing between Pledgor and Agent and Lenders, nor any failure to exercise, nor any delay in exercising, on the part of Agent or Lenders, any right, power or privilege hereunder or under any of the Other Documents shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege hereunder or thereunder preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

18. Remedies Cumulative. All of the rights and remedies of Agent and Lenders with respect to the Collateral, whether established hereby or by the Other Documents, or by any other agreements or by law shall be cumulative and may be executed singularly or concurrently.

19. Severability. The provisions of this Agreement are severable, and, if any clause or provision shall be held invalid and unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause or provision, or part thereof, in such jurisdiction, and shall not in any manner affect such clause or provision in any other jurisdiction, or any other clause or provision of this Agreement in any jurisdiction.

20. Modifications. Except as provided in Section 16 hereof, this Agreement may be amended or modified only by a writing signed by Pledgor and Agent, on behalf of Lenders. In the event that any provision herein is deemed to be inconsistent with any provision of any other document, other than the Credit Agreements, the provisions of this Agreement shall control.

21. Successors and Assigns. This Agreement shall inure to the benefit of and be binding upon the respective successors and permitted assigns of the parties, except that Pledgor may not assign any of its rights or duties hereunder without the prior written consent of Agent.

Any attempted assignment or transfer without the prior written consent of Agent shall be null and void.

22. Notice. All notices, requests, demands and other communications provided for hereunder shall be given to or made upon Pledgor or Agent as the case may be, in accordance with the terms of Section 17.6 of the Credit Agreements.

23. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Ohio applied to contracts to be performed wholly within the State of Ohio. Any judicial proceeding brought by or against Pledgor with respect to this Agreement or any related agreement may be brought in any court of competent jurisdiction in the State of Ohio, United States of America, and by execution and delivery of this Agreement, Pledgor accepts for itself and in connection with its properties, generally and unconditionally, the non-exclusive jurisdiction of the aforesaid courts, and irrevocably agrees to be bound by any judgment rendered thereby in connection with this Agreement. Pledgor hereby waives personal service of any and all process upon it and consents that all such service of process may be made by registered mail (return receipt requested) directed to Pledgor at its address set forth in Section 17.6 of the Credit Agreements and service so made shall be deemed completed five (5) Business Days after the same shall have been so deposited in the mails of the United States of America, or, at the Agent's option, by service upon Borrowing Agent which Pledgor irrevocably appoints as Pledgor's agent for the purpose of accepting service within the State of Ohio. Nothing herein shall affect the right to serve process in any manner permitted by law or shall limit the right of Agent or any Lender to bring proceedings against Pledgor in the courts of any other jurisdiction. Pledgor waives any objection to jurisdiction and venue of any action instituted hereunder and shall not assert any defense based on lack of jurisdiction or venue or based upon forum non conveniens. Pledgor waives the right to remove any judicial proceeding brought against Pledgor in any state court to any federal court. Notwithstanding anything to the contrary contained in the foregoing, any judicial proceeding by Pledgor against Agent or any Lender involving, directly or indirectly, any matter or claim in any way arising out of, related to or connected with this Agreement or any related agreement, shall be brought only in a federal or state court located in the County of Cuyahoga, State of Ohio.

24. Indemnity: Administration and Enforcement. Pledgor will reimburse each Lender, on that Lender's demand from time to time, and Agent, on Agent's demand from time to time, for any and all reasonable fees, costs, and reasonable expenses (including, without limitation, the reasonable fees and disbursements of legal counsel) reasonably incurred by that Lender or Agent, as the case may be, in administering this Agreement and in protecting, enforcing, or attempting to protect or enforce its rights under this Agreement, together with interest thereon, following notice received by Pledgor, at a rate per annum equal to the Default Rate.

25. Unconditional and Continuing Security Interest. Pledgor's obligations under this Agreement and the granting of a security interest to Agent pursuant to this Agreement are unconditional and effective immediately, and (except for obligations surviving indefinitely pursuant to Section 8) those obligations and the security interest so granted shall continue in full effect until the Debt shall have been paid in full, regardless of the lapse of time, regardless of the fact that there may be a time or times when no Debt is outstanding, regardless of any act, omission, or course of dealing whatever on the part of Agent and Lenders, or any of them, and regardless of any other event, condition, or thing. Without limiting the generality of the foregoing, neither the amount of the Debt for purposes of this Agreement, nor Pledgor's

obligations under this Agreement, nor the security interest granted pursuant to this Agreement shall be diminished or impaired by:

(a) the granting by Agent or any Lender of any credit to any Obligor, whether or not liability therefor constitutes Debt, or any failure or refusal of Agent or any Lender to grant any other credit to any Obligor even if Agent or such Lender thereby breaches any duty or commitment to Pledgor or any other Person,

(b) the application by Agent or any Lender of credits, payments, or proceeds to any portion of the Debt,

(c) any extension, renewal, or refinancing of the Debt in whole or in part,

(d) any amendment, restatement, or other modification of any kind in, to, or of the Credit Agreements or any Other Document, or any consent or other indulgence granted to any Obligor, or any waiver of any Event of Default (under this Agreement or the Credit Agreements), including without limitation, (i) any extension or change in the time of payment, and/or the manner, place or terms of payment of any or all of Debt, (ii) any renewal, extension of the maturity of the Debt, (iii) any increase or decrease of any loans and extension of credit (and/or any maximum credit limits or sublimits with respect to any such loans or extensions of credit) constituting the Debt, and/or making available to Pledgor or other Credit Parties any new or additional or increased loans or extensions of credit (whether such new, additional or increased loans or extensions of credit are the same or of new or different types as the loans and extensions of credit available to Pledgor and the other Credit Parties under the Credit Agreements and the other Debt as of the date hereof) and (iv) any modification of the terms and conditions under which loans and extensions of credit may be made under the Credit Agreements,

(e) any acceptance of security for or any other Obligor on the Debt or any part thereof, or any release of any security or other Obligor (or compromise or settlement of the liability of any Obligor for the Debt), whether or not Agent or any Lender receives consideration for the release, compromise or settlement,

(f) any discharge of the Debt in whole or in part under any bankruptcy or insolvency law or otherwise,

(g) the failure of Agent or any Lender to make any presentment or demand for payment, to assert or perfect any claim, demand, Lien or interest, or to enforce any right or remedy, or any delay or neglect by Agent or any Lender in respect of the Debt or any part thereof or any security therefor,

(h) any failure to give Pledgor notice of (i) the making of any loan or other credit extension or the terms, conditions, and other provisions applicable thereto, (ii) any dishonor by Pledgor or any other Obligor, or (iii) the inaccuracy or incompleteness of any representation, warranty, or other statement made by any Obligor, or

(i) any defense that may now or hereafter be available to any Obligor, whether based on suretyship, impairment of collateral, accord and satisfaction, breach of warranty, breach of contract, failure of consideration, tort, lack of capacity, usury, or otherwise, or any illegality, invalidity, or unenforceability of the Debt or any part thereof or of any Other Document.

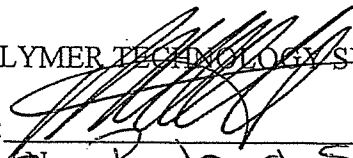
26. No Setoff; Rights Against Other Obligors. Pledgor hereby (a) waives all now existing or hereafter arising rights to recoup or offset any obligation of Pledgor under this Agreement against any claim or right of Pledgor against Agent or any Lender, (b) waives all rights of exoneration now or hereafter arising out of or in connection with this Agreement, and (c) agrees that unless and until all of the Debt shall have been paid in full, Pledgor will not assert against any other Obligor or any other Obligor's property any rights (including, without limitation, contribution, indemnification, reimbursement, and subrogation) now or hereafter arising (whether by contract, operation of law, or otherwise) out of or in connection with this Agreement.

27. Credit Support Document. The parties hereto acknowledge that this Agreement is intended to act (i) as a "Credit Support Document" (as defined in the 1994 ISDA Definitions) with respect to each party and is made part of the to the ISDA Master Agreement, executed in connection herewith (such ISDA Master Agreement, together with each schedule attached thereto and each confirmation delivered in connection therewith, as amended, modified or supplemented from time to time, herein referred to as the "**Master Agreement**") and the Schedule to the ISDA Master Agreement executed in connection herewith, each by and between the Borrowers and Agent, which Master Agreement includes all Schedules thereto and all Confirmation exchanged between the parties confirming the transactions thereunder, and (ii) as a "transfer" under a swap agreement within the meaning of the U.S. Bankruptcy Code Section 546(g). The parties hereto hereby acknowledge and agree that the Liens granted by the Pledgor to the Secured Party for the benefit of the Secured Party and the Lenders hereunder also secure the payment of each Lender-Provided Interest Rate Hedge and that such Liens secure the Lender-Provided Interest Rate Hedges and rank *pari passu* with the Liens hereof to secure the other Obligations.

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27. JURY TRIAL WAIVER. EACH PARTY TO THIS AGREEMENT, TO THE EXTENT PERMITTED BY LAW, WAIVES ANY RIGHT TO HAVE A JURY PARTICIPATE IN RESOLVING ANY DISPUTE, WHETHER SOUNDING IN CONTRACT, TORT OR OTHERWISE, AMONG AGENT, LENDERS AND PLEDGOR, OR ANY OF THEM, ARISING OUT OF, IN CONNECTION WITH, RELATED TO, OR INCIDENTAL TO THE RELATIONSHIP ESTABLISHED BETWEEN THEM IN CONNECTION WITH THIS AGREEMENT OR ANY NOTE OR OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION THEREWITH OR THE TRANSACTIONS RELATED THERETO AND EACH PARTY HEREBY CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENTS OF THE PARTIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY. THIS WAIVER SHALL NOT IN ANY WAY AFFECT, WAIVE, LIMIT, AMEND OR MODIFY THE ABILITY OF AGENT OR ANY LENDER TO PURSUE REMEDIES PURSUANT TO ANY PROVISION CONTAINED IN ANY NOTE, OR OTHER INSTRUMENT, DOCUMENT OR AGREEMENT AMONG PLEDGOR, AGENT AND LENDERS, OR ANY OF THEM.

POLYMER TECHNOLOGY SYSTEMS, INC.

By: 

Print Name: Robert S. Huffstadt

Title: President and CEO

PNC BANK, NATIONAL ASSOCIATION,
as Agent and as a Lender

By: _____

Print Name: _____

Title: _____

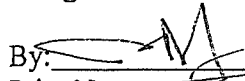
[Signature Page – IP Security Agreement – PTS]

27. JURY TRIAL WAIVER. EACH PARTY TO THIS AGREEMENT, TO THE EXTENT PERMITTED BY LAW, WAIVES ANY RIGHT TO HAVE A JURY PARTICIPATE IN RESOLVING ANY DISPUTE, WHETHER SOUNDING IN CONTRACT, TORT OR OTHERWISE, AMONG AGENT, LENDERS AND PLEDGOR, OR ANY OF THEM, ARISING OUT OF, IN CONNECTION WITH, RELATED TO, OR INCIDENTAL TO THE RELATIONSHIP ESTABLISHED BETWEEN THEM IN CONNECTION WITH THIS AGREEMENT OR ANY NOTE OR OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION THEREWITH OR THE TRANSACTIONS RELATED THERETO AND EACH PARTY HEREBY CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENTS OF THE PARTIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY. THIS WAIVER SHALL NOT IN ANY WAY AFFECT, WAIVE, LIMIT, AMEND OR MODIFY THE ABILITY OF AGENT OR ANY LENDER TO PURSUE REMEDIES PURSUANT TO ANY PROVISION CONTAINED IN ANY NOTE, OR OTHER INSTRUMENT, DOCUMENT OR AGREEMENT AMONG PLEDGOR, AGENT AND LENDERS, OR ANY OF THEM.

POLYMER TECHNOLOGY SYSTEMS, INC.

By: _____
Print Name: _____
Title: _____

PNC BANK, NATIONAL ASSOCIATION,
as Agent and as a Lender

By:  _____
Print Name: J. Denforth
Title: V.P.

[Signature Page – IP Security Agreement – PTS]

SCHEDULE A

Patents

See attached.

Friday, January 31, 2014

Country: Australia

Patent List by Country

Page: 1

Case Number Country	Sub Case	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Australia	PT	PCT	2005209856 03-Feb-2005		2005209856 23-Sep-2010	Granted 03-Feb-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: Spruson & Ferguson PB Reference No.: 023134.0106PTAU Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: 775123 Art Unit: Examiner:						
Title: TEST STRIP COMPOSITION AND METHOD TO MEASURE CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS						
023134.0116 Australia	PT	PCT	2002364609 30-Dec-2002	03-Apr-2008	2002364609 17-Jul-2008	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: Spruson & Ferguson PB Reference No.: 023134.0116PTAU Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: 682095JFM Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF MULTIPLE ANALYTES IN A SINGLE FLUID SAMPLE						

Friday, January 31, 2014

Country: Austria

Patent List by Country

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 Austria	C1	EPP	1779119 17-Aug-2005			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0106C1AT Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: NON-PRECIPITATING BODILY FLUID ANALYSIS SYSTEM						
023134.0111 Austria	PT	EPP	02794458.6 30-Dec-2002	1459064	1459064 13-Feb-2008	Granted 28-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0111PTAT Responsible Office: DV						
Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF TRIGLYCERIDES						

Friday, January 31, 2014

Country: Belgium

Patent List by Country

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 Belgium	C1	EPP	1779119 17-Aug-2005			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: Rotmann, Zimmermann and Partner AG PB Reference No.: 023134.0106C1BE Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: NON-PRECIIPITATING BODILY FLUID ANALYSIS SYSTEM						
023134.0111 Belgium	PT	EPP	02794458.6 30-Dec-2002	1459064	1459064 13-Feb-2008	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0111PTBE Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF TRIGLYCERIDES						

Friday, January 31, 2014

Country: Brazil

Patent List by Country

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Brazil	PT	PCT	P10507386.3 03-Feb-2005	P10507386.3 10-Jul-2007		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: DANNEMAN SIEMSEN PB Reference No.: 023134.0106PTBR Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: P140386 Art Unit: Examiner:						
Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT TEMPERATURES						
023134.0106C1 Brazil	C1	PCT	P10514495-7 17-Aug-2005	P10514495.7 10-Jun-2008		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: Busco Marcas & Patentes PB Reference No.: 023134.0106C1BR Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: P143811 Art Unit: Examiner:						
Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						
023134.0152 Brazil	PT	PCT	BR112013021963-7 23-Apr-2012			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: DANNEMAN SIEMSEN PB Reference No.: 023134.0152PTBR Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: P198082 Art Unit: Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						

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Country: Brazil

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0153 Brazil	PT	PCT				Unfiled
Owner:						
Client: Polymer Technology Systems, Inc.						
Agent: DANNEMAN SIEMSEN						
PB Reference No.: 023134.0153PTBR						
Responsible Office: DV						
Attorneys: CAF, RPZ						
Agent Ref: P197979						
Art Unit:						
Examiner:						
Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

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Country: Canada

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Canada	PT	PCT	2554776 03-Feb-2005	2554776 18-Aug-2005	2554776 04-Dec-2012	Granted 03-Feb-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: Smart & Biggar Fetherstonhaugh-CA PB Reference No.: 023134.0106PTCA Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: 76135-78 Art Unit: Examiner:						
Title: TEST STRIP COMPOSITION TO MEASURE CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS						
023134.0106C1 Canada	C1	PCT	2576453 17-Aug-2005	2,576,453 02-Mar-2006	2,576,453 03-Dec-2013	Granted 17-Aug-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: Smart & Biggar Fetherstonhaugh-CA PB Reference No.: 023134.0106C1CA Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: 76135-80 Art Unit: Examiner:						
Title: NON-PRECIIPITATING BODILY FLUID ANALYSIS SYSTEM						
023134.0116 Canada	PT	PCT	2471726 30-Dec-2002	2471726 17-Jul-2003	2471726 05-Apr-2011	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: SMART & Biggar PB Reference No.: 023134.0116PTCA Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: 76135-72 Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF MULTIPLE ANALYTES IN A SINGLE FLUID SAMPLE						

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Country: Canada							
Case Number	SubCase	Case Type	Application Number	Publication Number	Patent Number	Status	
Country			Filing Date	Publication Date	Issue Date	Expiration Date	

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Country: Canada

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Publication Date

Patent Number
Issue Date

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Expiration Date

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REEL: 034783 FRAME: 0028

Friday, January 31, 2014

Country: China (People's Republic)

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 China (People's Republic)	PT	PCT	200580010409.0 03-Feb-2005	101001946A 18-Jul-2007		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: L.D. PARTNERS, INC. PB Reference No.: 023134.0106PTCN Responsible Office: DV Title: TEST STRIP COMPOSITION AND METHOD TO MEASURE CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS						
023134.0106C1 China (People's Republic)	C1	PCT	200580035466.4 17-Aug-2005	101228444A 23-Jul-2008	ZL200580035466.4 04-Apr-2012	Granted 17-Aug-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: NTD Patent & Trademark Agency Ltd PB Reference No.: 023134.0106C1CN Responsible Office: DV Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						
023134.0151 China (People's Republic)	PT	PCT	200980156888.5 06-Sep-2011	102317773 11-Jan-2012		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: NTD Patent & Trademark Agency Ltd PB Reference No.: 023134.0151PTCN Responsible Office: DV Title: DIAGNOSTIC MULTI-LAYER DRY PHASE TEST STRIP WITH INTEGRATED BIOSENSORS ("ELECTROSTRIP")						

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Country: China (People's Republic)

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0152 China (People's Republic)	PT	PCT	201280010517.8 23-Apr-2012	CN 103391995 A 13-Nov-2013		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: NTD Patent & Trademark Agency Ltd PB Reference No.: 023134.0152PTCN Responsible Office: DV						
Attorneys: CAF, RPZ Agent Ref: USPAT98649-lxm Art Unit: Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 China (People's Republic)	PT	PCT	201380000791.1 01-May-2013			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: NTD Patent & Trademark Agency Ltd PB Reference No.: 023134.0153PTCN Responsible Office: DV						
Attorneys: CAF, RPZ Agent Ref: USPAT98759-lxm Art Unit: Examiner:						
Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

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Country: China (People's Republic)

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
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Country: Eurasian Patent Organization

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Eurasian Patent Organization	PT	PCT	200601415 03-Feb-2005	0601415 29-Dec-2006	010414 29-Aug-2008	Granted 03-Feb-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: Baker & McKenzie CIS, LTD. PB Reference No.: 023134.0106PTEA Responsible Office: DV Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT TEMPERATURES						
023134.0152 Eurasian Patent Organization	PT	PCT				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0152PTEA Responsible Office: DV Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 Eurasian Patent Organization	PT	PCT				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0153PTEA Responsible Office: DV Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

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Country: European Patent Convention

Patent List by Country

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 European Patent Convention	PT	PCT	05712615.3 03-Feb-2005	1725650		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0106PTEP Responsible Office: DV Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT TEMPERATURES						
023134.0106C1 European Patent Convention	C1	PCT	05788460.3 17-Aug-2005	1779119 02-May-2007	1779119 17-Aug-2005	Granted 17-Aug-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0106C1EP Responsible Office: DV Title: NON-PRECIIPITATING BODILY FLUID ANALYSIS SYSTEM						
023134.0108 European Patent Convention	PT	PCT	95938118.7 20-Oct-1995	0750739 02-Jan-1997	0750739 01-Jan-2002	Granted 20-Oct-2015
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0108PTEP Responsible Office: DV Title: APPARATUS AND METHOD FOR DETERMINING SUBSTANCES CONTAINED IN A BODY FLUID						
Attorneys: CAF, RPZ, TC Agent Ref: 26382 Art Unit: Examiner:						
Attorneys: CAF, RPZ, TC Agent Ref: 26568 HEZ/BS Art Unit: Examiner:						
Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						

PATENT

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Country: European Patent Convention

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0110 European Patent Convention	D1	PCT	10005559.9 23-Dec-2002	EP2221621 25-Aug-2010		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0110D1EP Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: 27189 Art Unit: Examiner:						
Title: METHOD FOR DETERMINING HDL CHOLESTEROL CONCENTRATION FROM WHOLE BLOOD						
023134.0111 European Patent Convention	PT	PCT	02794458.6 30-Dec-2002	1459064 1459064	1459064 13-Feb-2008	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0111PTEP Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: 25736 Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF TRIGLYCERIDES						
023134.0115 European Patent Convention	PT	ORD	03724296.5 30-Apr-2003			Lapsed
Owner: Polymer Technology Systems, Inc. Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0115PTEP Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: 25804 Art Unit: Examiner:						
Title:						

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Country: European Patent Convention

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0116 European Patent Convention	PT	PCT	02799993.7 30-Dec-2002	1474692		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0116PTEP Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: 25735 Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF MULTIPLE ANALYTES IN A SINGLE FLUID SAMPLESBATONNET DIAGNOSTIQUE PERMETTANT						
023134.0117 European Patent Convention	PT	PCT	02771810.5 23-Apr-2002	1399059 24-Mar-2004	1399059 30-Aug-2006	Granted 23-Apr-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0117PTEP Responsible Office: DV						
Attorneys: CAF, RPZ, CAF Agent Ref: 25626 Art Unit: Examiner:						
Title: BODY FLUID TEST APPARATUS WITH DETACHABLY MOUNTED PORTABLE TESTER						
023134.0151 European Patent Convention	PT	PCT	09789795.3 17-Aug-2011	2387714 26-Oct-2011		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: SCHOPPE & ZIMMERMANN PB Reference No.: 023134.0151PTEP Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: 090601PEP Art Unit: Examiner:						
Title: DIAGNOSTIC MULTI-LAYER DRY PHASE TEST STRIP WITH INTEGRATED BIOSENSORS ("ELECTROSTRIP")						

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Country: European Patent Convention

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
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Country: European Patent Convention						
Case Number	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
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Country: France

Patent List by Country

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 France	C1	EPP	1779119 17-Aug-2005			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0106C1FR Responsible Office: DV						
Attorneys: CAF, RPZ, TC						
Agent Ref:						
Art Unit:						
Examiner:						
Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						
023134.0108 France	PT	EPP	95938118.7 20-Oct-1995	0750739 02-Jan-1997	0750739 01-Jan-2002	Granted 20-Oct-2015
Owner: Client: Polymer Technology Systems, Inc. Agent: Boulton Wade Tennant PB Reference No.: 023134.0108PTFR Responsible Office: DV						
Attorneys: CAF, RPZ, TC						
Agent Ref: P46347/003						
Art Unit:						
Examiner:						
Title: APPARATUS AND METHOD FOR DETERMINING SUBSTANCES CONTAINED IN A BODY FLUID						
023134.0111 France	PT	EPP	02794458.6 30-Dec-2002	1459064	1459064 13-Feb-2008	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0111PTFR Responsible Office: DV						
Attorneys: CAF, RPZ, CAF						
Agent Ref:						
Art Unit:						
Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF TRIGLYCERIDES						

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Country: Germany

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 Germany	C1	EPP	1779119 17-Aug-2005			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0106C1DE Responsible Office: DV Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
023134.0108 Germany	PT	EPP	95938118.7 20-Oct-1995	0750739 02-Jan-1997	P69511533.2 01-Jan-2002	Granted 20-Oct-2015
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0108PTDE Responsible Office: DV Title: APPARATUS AND METHOD FOR DETERMINING SUBSTANCES CONTAINED IN A BODY FLUID Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
023134.0111 Germany	PT	EPP	02794458.6 30-Dec-2002	1459064	1459064 13-Feb-2008	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0111PTDE Responsible Office: DV Title: TEST STRIP FOR DETERMINING CONCENTRATION OF TRIGLYCERIDES						
Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						

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Country: Germany

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0117 Germany	PT	EPP	02771810.5 23-Apr-2002	1399059 24-Mar-2004	1399059 30-Aug-2006	Granted 23-Apr-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0117PTDE Responsible Office: DV						
Attorneys: CAF, RPZ, CAF						
Agent Ref:						
Art Unit:						
Examiner:						
Title: BODY FLUID TEST APPARATUS WITH DETACHABLY MOUNTED PORTABLE TESTER						
023134.0152 Germany	PT	PCT	112012000326.8 23-Apr-2012			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: SCHOPPE & ZIMMERMANN PB Reference No.: 023134.0152PTDE Responsible Office: DV						
Attorneys: CAF, RPZ						
Agent Ref: POL120401PDE / ds						
Art Unit:						
Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 Germany	PT	PCT				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: SCHOPPE & ZIMMERMANN PB Reference No.: 023134.0153PTDE Responsible Office: DV						
Attorneys: CAF, RPZ						
Agent Ref:						
Art Unit:						
Examiner:						
Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

Friday, January 31, 2014		Patent List by Country				Page: 21
Country: Hong Kong						
Case Number	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
Country						

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 India	PT	PCT	2210/KOLNP/2006 03-Feb-2005		246648 18-Apr-2011	Granted 03-Feb-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: D. P. AHUJA & CO. PB Reference No.: 023134.0106PTIN Responsible Office: DV Title: A VERTICAL FLOW TEST STRIP FOR USE IN THE DIRECT DETECTION OF CHOLESTEROL PRODUCED FROM LOW DENSITY LIPOPROTEINS IN A WHOLE BLOOD PLASMA OR SERUM SAMPLE						
023134.0106C1 India	C1	PCT	683/KOLNP/2007 17-Aug-2005			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: D. P. AHUJA & CO. PB Reference No.: 023134.0106C1IN Responsible Office: DV Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						
023134.0151 India	PT	PCT	3182/KOLNP/2011 27-Jul-2011			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: D. P. AHUJA & CO. PB Reference No.: 023134.0151PTIN Responsible Office: DV Title: DIAGNOSTIC MULTI-LAYER DRY PHASE TEST STRIP WITH INTEGRATED BIOSENSORS ("ELECTROSTRIP")						

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Country: India

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0152 India	PT	PCT	2078/KOLNP/2013 26-Jun-2013			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: D. P. AHUJA & CO. PB Reference No.: 023134.0152PTIN Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: PN34471 Art Unit: Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 India	PT	PCT	6941/CHENP/2013 28-Aug-2013			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: D. P. AHUJA & CO. PB Reference No.: 023134.0153PTIN Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

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Country: India							
Case Number	SubCase	Case Type	Application Number	Publication Number	Patent Number	Status	
Country			Filing Date	Publication Date	Issue Date	Expiration Date	

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Indonesia	PT	PCT	W00200602156 03-Aug-2006		7435577B2	Granted
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0106PTID Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner: Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT TEMPERATURES						

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Country: Israel

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Case Number
Country

023134.0106
Israel

SubCase

PT

Case Type

PCT

Application Number
Filing Date

177226
03-Feb-2005

Publication Number
Publication Date

177226
27-Sep-2011

Patent Number
Issue Date

177226
28-Dec-2011

Status
Expiration Date

Granted
03-Feb-2025

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Wolff Bregman & Goller

PB Reference No.: 023134.0106PTIL

Responsible Office: DV

Attorneys: CAF, RPZ, TC

Agent Ref: 177226

Art Unit:

Examiner:

Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT
OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT
TEMPERATURES

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Country: Italy

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Case Number Country	Sub Case	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 Italy	C1	EPP	1779119 17-Aug-2005			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0106C1IT Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						
023134.0108 Italy	PT	EPP	95938118.7 20-Oct-1995	0750739 02-Jan-1997	0750739 01-Jan-2002	Granted 20-Oct-2015
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0108PTIT Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: APPARATUS AND METHOD FOR DETERMINING SUBSTANCES CONTAINED IN A BODY FLUID						
023134.0111 Italy	PT	EPP	02794458.6 30-Dec-2002	1459064	1459064 13-Feb-2008	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0111PTIT Responsible Office: DV						
Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF TRIGLYCERIDES						

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Country: Japan

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Japan	PT	PCT	2006-552209 03-Feb-2005	2007523325 16-Aug-2007	4785753 22-Jul-2011	Granted 03-Feb-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: YUASA AND HARA PB Reference No.: 023134.0106PTJP Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: P-868-1/061615 Art Unit: Examiner:						
Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT TEMPERATURES						
023134.0152 Japan	PT	PCT	23-Apr-2012			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: YUASA AND HARA PB Reference No.: 023134.0152PTJP Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 Japan	PT	PCT				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0153PTJP Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

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Country: Japan

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
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Country: Korea, Republic of							
Case Number	SubCase	Case Type	Application Number	Publication Number	Patent Number	Status	
Country			Filing Date	Publication Date	Issue Date	Expiration Date	

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Country: Korea, Republic of

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Country: Mexico

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Mexico	PT	PCT	MX/a/2006/008714 03-Feb-2005	30-Nov-2006	294736 13-Jan-2012	Granted 03-Feb-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: CLARKE MODET & CO. MEXICO PB Reference No.: 023134.0106PTMX Responsible Office: DV Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT TEMPERATURES						
023134.0106C1 Mexico	C1	PCT	MX/a/2007/001925 17-Aug-2005	MX/a/2007/001925A 12-Dec-2007		Allowed
Owner: Client: Polymer Technology Systems, Inc. Agent: BUFETE CRISTIANI LATINOAMERICA, S.C. PB Reference No.: 023134.0106C1MX Responsible Office: DV Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						
023134.0116 Mexico	PT	PCT	2004/006367 30-Dec-2002		267323 10-Jun-2009	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: CLARKE MODET & CO. MEXICO PB Reference No.: 023134.0116PTMX Responsible Office: DV Title: TEST STRIP FOR DETERMINING CONCENTRATION OF MULTIPLE ANALYTES IN A SINGLE FLUID SAMPLE						

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Country: Mexico

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0152 Mexico	PT	PCT	MX/a/2013/011196 23-Apr-2012			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: CLARKE, MODET & CIA PB Reference No.: 023134.0152PTMX Responsible Office: DV						
Attorneys: CAF, RPZ						
Agent Ref:						
Art Unit:						
Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 Mexico	PT	PCT	MX/s/2013/012368 01-May-2013			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: CLARKE, MODET & CIA PB Reference No.: 023134.0153PTMX Responsible Office: DV						
Attorneys: CAF, RPZ						
Agent Ref: P178213MX						
Art Unit:						
Examiner:						
Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

Friday, January 31, 2014		Patent List by Country				Page: 35	
Country: Mexico							
Case Number	SubCase	Case Type	Application Number	Publication Number	Patent Number	Status	
Country			Filing Date	Publication Date	Issue Date	Expiration Date	

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Country: Norway

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
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Country: Patent Cooperation Treaty

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 Patent Cooperation Treaty	PT	ORD	US05/003234 03-Feb-2005	05/074609 18-Aug-2005		Natl Phase
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0106PTWO Responsible Office: DV Title: TEST STRIP COMPOSITION AND METHOD TO MEASURE CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS						
023134.0107 Patent Cooperation Treaty	PT	PRI	US03/029102 16-Sep-2003	WO/2004/025265 25-Mar-2004		Natl Phase
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0107PTWO Responsible Office: DV Title: TEST STRIP AND METHOD FOR DETERMINING LDL CHOLESTEROL CONCENTRATION FROM WHOLE BLOOD						
023134.0108 Patent Cooperation Treaty	PT	ORD	US95/12550 20-Oct-1995	96/13707 09-May-1996		Natl Phase
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0108PTWO Responsible Office: DV Title: APPARATUS AND METHOD FOR DETERMINING SUBSTANCES CONTAINED IN A BODY FLUID						

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Country: Patent Cooperation Treaty

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0115 Patent Cooperation Treaty	PT	ORD	US03/013167 30-Apr-2003	WO/2003/093788 13-Nov-2003		Natl Phase
Owner: Polymer Technology Systems, Inc. Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0115PTWO Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: TEST STRIP AND METHOD FOR DETERMINING CONCENTRATION OF CREATININE IN A BODY FLUID						
023134.0116 Patent Cooperation Treaty	PT	ORD	US02/041672 30-Dec-2002	WO/2003/058252 17-Jul-2003		Natl Phase
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0116PTWO Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF MULTIPLE ANALYTES IN A SINGLE FLUID SAMPLE						
023134.0117 Patent Cooperation Treaty	PT	ORD	US02/012863 23-Apr-2002	WO/2002/094092 28-Nov-2002		Natl Phase
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0117PTWO Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: BODY FLUID TEST APPARATUS WITH DETACHABLY MOUNTED PORTABLE TESTER						

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Country: Patent Cooperation Treaty

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0127 Patent Cooperation Treaty	PT	ORD	US2006/045580 28-Nov-2006	WO07064650 07-Jun-2007		Natl Phase
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0127PTWO Responsible Office: DV Title: ON-SITE HEALTHCARE DIAGNOSTIC DEVICE						
023134.0153 Patent Cooperation Treaty	PT	ORD	PCT/US2013/039082 01-May-2013	WO2013/166160 07-Nov-2013		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0153PTWO Responsible Office: DV Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

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Country: Patent Cooperation Treaty

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Country: Poland

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 Poland	C1	EPP	1779119 17-Aug-2005			Pending

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Rottmann, Zimmermann and Partner AG

PB Reference No.: 023134.0106C1PL

Responsible Office: DV

Attorneys: CAF, RPZ, TC

Agent Ref:

Art Unit:

Examiner:

Title: NON-PRECIPTITATING BODILY FLUID ANALYSIS SYSTEM

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Country: Russian Federation						
Case Number	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
Country						

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0152 Saudi Arabia	PT	ORD				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: AGIP Gulf Cooperation Council PB Reference No.: 023134.0152PTSA Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 Saudi Arabia	PT	ORD				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0153PTSA Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: DRY TEST STRIP USING NON-LOW DENSITY LIPOPROTEIN ASSAY						

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 South Africa	PT	PCT	2006/06561 07-Aug-2006	30-Jan-2008	2006/06561 30-Jan-2008	Granted 03-Feb-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: Spoor & Fisher PB Reference No.: 023134.0106PTZA Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: PA142321/ZA Art Unit: Examiner:						
Title: REAGENT COMBINATION AND METHOD FOR DIRECT TEST STRIP MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEINS AT AMBIENT TEMPERATURES						
023134.0107 South Africa	PT	PCT	2005/02214 16-Mar-2005		2005/02214 31-May-2006	Granted 16-Sep-2023
Owner: Client: Polymer Technology Systems, Inc. Agent: Spoor & Fisher PB Reference No.: 023134.0107PTZA Responsible Office: DV						
Attorneys: CAF, RPZ, CAF Agent Ref: PA139217/ZA Art Unit: Examiner:						
Title: Test strip and method for determining LDL cholesterol concentration from whole blood						
023134.0116 South Africa	PT	PCT	2004/4929 22-Jun-2004	25-Oct-2006	2004/4929 08-Oct-2006	Granted 30-Dec-2024
Owner: Client: Polymer Technology Systems, Inc. Agent: Spoor & Fisher PB Reference No.: 023134.0116PTZA Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: PA137598ZA Art Unit: Examiner:						
Title: Test strip for determining concentration of multiple analytes in a single fluid sample						

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Country: South Africa						
Case Number	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
Country						

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Country: Sweden

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 Sweden	C1	EPP	17799119 17-Aug-2005			Pending

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Rottmann, Zimmermann and Partner AG

PB Reference No.: 023134.0106C1SE

Responsible Office: DV

Attorneys: CAF, RPZ, TC

Agent Ref:

Art Unit:

Examiner:

Title: NON-PRECIPITATING BODILY FLUID ANALYSIS SYSTEM

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Country: Switzerland

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 Switzerland	C1	EPP	1779119 17-Aug-2005			Pending

Owner:

Client: Polymer Technology Systems, Inc.
Agent: Rottmann, Zimmermann and Partner AG
PB Reference No.: 023134.0106C1CH
Responsible Office: DV

Attorneys: CAF, RPZ, TC
Agent Ref:
Art Unit:
Examiner:

Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106C1 United Kingdom	C1	EPP	1779119 17-Aug-2005			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0106C1GB Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: NON-PRECIIPITATING BODILY FLUID ANALYSIS SYSTEM						
023134.0108 United Kingdom	PT	EPP	95938118.7 20-Oct-1995	0750739 02-Jan-1997	0750739 01-Jan-2002	Aban/Reviv 20-Oct-2015
Owner: Client: Polymer Technology Systems, Inc. Agent: Boulton Wade Tennant PB Reference No.: 023134.0108PTGB Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: 46347/010 Art Unit: Examiner:						
Title: APPARATUS AND METHOD FOR DETERMINING SUBSTANCES CONTAINED IN A BODY FLUID						
023134.0117 United Kingdom	PT	EPP	02771810.5 23-Apr-2002	1399059 24-Mar-2004	1399059 30-Aug-2006	Granted 23-Apr-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: Rottmann, Zimmermann and Partner AG PB Reference No.: 023134.0117PTGB Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: BODY FLUID TEST APPARATUS WITH DETACHABLY MOUNTED PORTABLE TESTER (APPAREIL DE TEST DE LIQUIDE ORGANIQUE A TESTEUR PORTAT)						

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Country: United Kingdom

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Case Number Country	Sub Case	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0152 United Kingdom	PT	PCT	1317190.5 23-Apr-2012	GB 2 503 601 01-Jan-2014		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: Boehmert & Boehmert PB Reference No.: 023134.0152PTGB Responsible Office: DV						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						
023134.0153 United Kingdom	PT	PCT				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: Boehmert & Boehmert PB Reference No.: 023134.0153PTGB Responsible Office: DV						
Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						

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Country: United States of America

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0106 United States of America	PT	RCE	10/962272 11-Oct-2004	20050170447 04-Aug-2005	7435577 14-Oct-2008	Granted 13-Jan-2025
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0106PTUS Responsible Office: DV						
Attorneys: CAF, RPZ, TC						
Agent Ref: Art Unit: 1657 Examiner: Shen, Bin						
Title: DIRECT MEASUREMENT OF CHOLESTEROL FROM LOW DENSITY LIPOPROTEIN WITH TEST STRIP						
023134.0106C1 United States of America	C1	CIP	11/206893 17-Aug-2005	0063267 23-Mar-2006	7625721 01-Dec-2009	Granted 26-Nov-2027
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0106C1US Responsible Office: DV						
Attorneys: CAF, RPZ, TC						
Agent Ref: Art Unit: Examiner:						
Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						
023134.0106C1 United States of America	D1	DIV	12/580866 16-Oct-2009	US-2010-0041066-A1 18-Feb-2010	8642320 04-Feb-2014	Granted 15-Jul-2026
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0106D1US Responsible Office: DV						
Attorneys: CAF, RPZ, TC						
Agent Ref: Art Unit: 1653 Examiner: Bin Shen						
Title: NON-PRECIPTATING BODILY FLUID ANALYSIS SYSTEM						

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Country: United States of America

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Case Number Country	Sub Case	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0108 United States of America	PT	PRI	08/326788 20-Oct-1994		5597532 28-Jan-1997	Granted 20-Oct-2014
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0108PTUS Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner: Alexander, Lyle						
Title: APPARATUS FOR DETERMINING SUBSTANCES CONTAINED IN A BODY FLUID						
023134.0110 United States of America	PT	ORD	10/329044 23-Dec-2002	20030175153 18-Sep-2003	7087397 08-Aug-2006	Granted 05-Mar-2024
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0110PTUS Responsible Office: DV						
Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner: Gitomer, Ralph J						
Title: TEST STRIP AND METHOD FOR DETERMINING HDL CONCENTRATION FROM WHOLE BLOOD OR PLASMA						
023134.0110C1 United States of America	C1	CIP				Unfiled
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0110C1US Responsible Office: DV						
Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: METHOD FOR DETERMINING HDL CONCENTRATION FROM WHOLE BLOOD OR PLASMA						

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Country: United States of America

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0111 United States of America	PT	ORD	10/334044 30-Dec-2002	20030170768 11-Sep-2003	7214504 08-May-2007	Lapsed 07-May-2024
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0111PTUS Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: 1657 Examiner: Leary, Louise N						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF TRYGLYCERIDES						
023134.0112 United States of America	D1	DIV	12/772707 03-May-2010	US2010-0205797A1 19-Aug-2010	8307531 13-Nov-2012	Granted 14-Jul-2026
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0112DIUS Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: 1797 Examiner:						
Title: APPARATUS AND METHOD OF MANUFACTURING BODILY FLUID TEST STRIP						
023134.0115 United States of America	PT	ORD	10/426236 30-Apr-2003	20040126833 01-Jul-2004	7083939 01-Aug-2006	Granted 12-Feb-2024
Owner: Polymer Technology Systems, Inc. Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0115PTUS Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner: Gitomer, Ralph J						
Title: TEST STRIP AND METHOD FOR DETERMINING CONCENTRATION OF CREATININE IN A BODY FLUID						

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Country: United States of America

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0116 United States of America	NI	RCE	10/873415 22-Jun-2004	2005003523 06-Jan-2005	7374719 20-May-2008	Granted 30-Dec-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0116NIUS Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: 1797 Examiner: Nagpaul, Jyoti						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF MULTIPLE ANALYTES IN A SINGLE FLUID SAMPLE						
023134.0116 United States of America	PT	RCE	10/334043 30-Dec-2002		7494818 24-Feb-2009	Granted 14-Aug-2023
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0116PTUS Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: 1743 Examiner: Alexander, Lyle						
Title: TEST STRIP FOR DETERMINING CONCENTRATION OF MULTIPLE ANALYTES IN A SINGLE FLUID SAMPLE						
023134.0117 United States of America	PT	ORD	10/131437 24-Apr-2002	20020170823 21-Nov-2002	6849237 01-Feb-2005	Granted 10-Apr-2023
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0117PTUS Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner: Noguerola, Alexander Stephan						
Title: BODY FLUID TEST APPARATUS WITH DETACHABLY MOUNTED PORTABLE TESTER						

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0124 United States of America	PD	DES	29/155741 15-Feb-2002		D534444 02-Jan-2007	Granted 02-Jan-2021
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0124PDUS Responsible Office: DV Attorneys: CAF, RPZ, CAF Agent Ref: Art Unit: Examiner:						
Title: HAND-HELD DIAGNOSTIC INSTRUMENT						
023134.0127 United States of America	NI	CON	13/103969 09-May-2011	US-2011-0208543-A1 25-Aug-2011		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0127NIUS Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: 1773 Examiner:						
Title: ON-SITE HEALTHCARE DIAGNOSTIC DEVICE						
023134.0128 United States of America	DI	DIV	10/649293 26-Aug-2003	04-0037738 26-Feb-2004	7767149 03-Aug-2010	Granted 11-Jan-2023
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0128DIUS Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: HEALTH MONITORING AND DIAGNOSTIC DEVICE AND NETWORK-BASED HEALTH ASSESSMENT AND MEDICAL RECORDS MAINTENANCE SYSTEM						

Friday, January 31, 2014

Country: United States of America

Patent List by Country

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0128 United States of America	NIN1	CON	13/166968 23-Jun-2011	US-2011-0251856-A1 13-Oct-2011	8257654 04-Sep-2012	Granted 08-Nov-2019
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0128NIN1 Responsible Office: DV Title: Health Monitoring and Diagnostic Device and Network-Based Health Assessment and Medical Records Maintenance System Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
023134.0128 United States of America	NIN2	CON	13/592143 22-Aug-2012	US2013-0041691-A1 14-Feb-2013		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0128NIN2 Responsible Office: DV Title: HEALTH MONITORING AND DIAGNOSTIC DEVICE AND NETWORK-BASED HEALTH ASSESSMENT AND MEDICAL RECORDS MAINTENANCE SYSTEM Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: 1779 Examiner: Samuel P. Siefke						
023134.0128 United States of America	PT	ORD	09/436323 08-Nov-1999		6602469 05-Aug-2003	Granted 08-Nov-2019
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0128PTUS Responsible Office: DV Title: HEALTH MONITORING AND DIAGNOSTIC DEVICE AND NETWORK-BASED HEALTH ASSESSMENT AND MEDICAL RECORDS MAINTENANCE SYSTEM						
Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						

PATENT

REEL: 034783 FRAME: 0075

Friday, January 31, 2014

Patent List by Country

Page: 56

Country: United States of America

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0129 United States of America	PT	PRI	07/660429 25-Feb-1991		5135716 04-Aug-1992	Granted 25-Feb-2011
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0129PTUS Responsible Office: DV						
Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: DIRECT MEASUREMENT OF HDL CHOLESTEROL VIA DRY CHEMISTRY STRIPS						
023134.0130 United States of America	PD	DES	29/132357 07-Nov-2000		D459811 02-Jul-2002	Granted 02-Jul-2016
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0130PDUS Responsible Office: DV						
Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: SLIMLINE HEALTH MONITORING AND DIAGNOSTIC DEVICE						
023134.0131 United States of America	PD	DES	29/096271 09-Nov-1998		D437057 30-Jan-2001	Granted 30-Jan-2015
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0131PDUS Responsible Office: DV						
Attorneys: CAF, RPZ Agent Ref: Art Unit: Examiner:						
Title: COMBINED HAND HELD MONITORING DIAGNOSTIC DEVICE						

PATENT

REEL: 034783 FRAME: 0076

Friday, January 31, 2014

Country: United States of America

Patent List by Country

Page: 57

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0145C1 United States of America	C1	RCE	11/933292 31-Oct-2007	080112848 15-May-2008	8465696 18-Jun-2013	Granted 25-Aug-2030
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0145C1US Responsible Office: DV Title: DRY TEST STRIP WITH CONTROLLED FLOW AND METHOD OF MANUFACTURING SAME						
023134.0146 United States of America	PT	PCT	12/999905 25-Apr-2011	US-2011-0200498-A1 18-Aug-2011		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0146PTUS Responsible Office: DV Title: SYSTEM AND METHOD FOR PACKAGING DRY TEST STRIPS						
023134.0148 United States of America	C1	CIP	13/843116 15-Mar-2013	US-2013-0217054-A1 22-Aug-2013		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0148C1US Responsible Office: DV Title: HYBRID STRIP						

PATENT

REEL: 034783 FRAME: 0077

Friday, January 31, 2014

Country: United States of America

Patent List by Country

Page: 58

Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0148 United States of America	PT	PCT	12/997781 11-Mar-2011	US2011-0155590-A1 30-Jun-2011	8460539 11-Jun-2013	Granted 14-Mar-2030
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0148PTUS Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: 1759 Examiner:						
Title: HYBRID STRIP						
023134.0151 United States of America	PT	PCT	13/146169 18-Oct-2011	US2012-0037513A1 16-Feb-2012		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0151PTUS Responsible Office: DV Attorneys: CAF, RPZ, TC Agent Ref: Art Unit: Examiner:						
Title: DIAGNOSTIC MULTI-LAYER DRY PHASE TEST STRIP WITH INTEGRATED BIOSENSORS ("ELECTROSTRIP")						
023134.0152 United States of America	PT	ORD	13/453465 23-Apr-2012	US-2012-0282634-A1 08-Nov-2012		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0152PTUS Responsible Office: DV Attorneys: CAF, RPZ Agent Ref: Art Unit: 1641 Examiner:						
Title: BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP						

Friday, January 31, 2014

Country: United States of America

Patent List by Country

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Case Number Country	SubCase	Case Type	Application Number Filing Date	Publication Number Publication Date	Patent Number Issue Date	Status Expiration Date
023134.0153 United States of America	PT	ORD	13/874971 01-May-2013	US-2013-0295678-A1 07-Nov-2013		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0153PTUS Responsible Office: DV Title: SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS						
023134.0200 United States of America		CON	10/816230 31-Mar-2004	US2005-0130293A1 16-Jun-2005	7476548 13-Jan-2009	Granted 23-Apr-2019
Owner: Bayer Healthcare LLC Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: Responsible Office: DV Title: DRY REAGENT STRIP CONFIGURATION AND SYSTEMS FOR METHODS FOR MULTIPLE ANALYTE DETERMINATION						
023134.0222 United States of America	PL	PRO	61/776306 11-Mar-2013			Pending 11-Mar-2014
Owner: Client: Polymer Technology Systems, Inc. Agent: PB Reference No.: 023134.0222PLUS Responsible Office: DV Title: SYSTEMS AND METHODS FOR TEST STRIPS WITH EXTENDED DYNAMIC RANGES						

Friday, January 31, 2014		Patent List by Country				Page: 60
Country: United States of America						
Case Number	SubCase	Case Type	Application Number	Publication Number	Patent Number	Status
Country			Filing Date	Publication Date	Issue Date	Expiration Date

SCHEDULE B

Trademarks

See attached.

Tuesday November 26, 2013

Country: Argentina

Trademark List by Country

Page

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS (stylized and/or with design) Class 10	023134.0103 Argentina	ORD	2.363.631 06-Oct-2008	2797 21-Jan-2009	2317229 23-Sep-2009	Registered 25-Sep-2019

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Daniel Goytia & Associates

Classes: 10 Int.

PB Reference No.: 023134.0103TMAR

Responsible Office: DV

Attorneys: CAF, TC

Client Ref:

Agent Ref: 111285

PATENT

REEL: 034783 FRAME: 0082

Tuesday, November 26, 2013

Country: Australia

Trademark List by Country

Page: 2

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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CARDIOCHECK	023134.0102 Australia	MPR	880513 02-Nov-2005	21-Sep-2006	1111424 02-Nov-2005	Registered 02-Nov-2015
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Owner:
Client: Polymer Technology Systems, Inc.
Agent:
Classes: 10 Int.
Attorneys: CAF, TC
Client Ref:
Agent Ref:

PB Reference No.: 023134.0102TMAU

Responsible Office: DV

MEMO CHIP (standard characters)

023134.0147
Australia

Registered
27-May-2018

974530
27-May-2008

19-Feb-2009

1262887
27-May-2008

MPR

Owner:
Client: Polymer Technology Systems, Inc.
Agent:

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Classes: 09 Int.

PB Reference No.: 023134.0147TMAU

Responsible Office: DV

PTS (stylized and/or with design) Class
10

023134.0103
Australia

Registered
11-Sep-2018

984926
11-Sep-2008

28-May-2009

1276851
11-Sep-2008

MPR

Owner:
Client: Polymer Technology Systems, Inc.
Agent:

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Classes: 10 Int.

PB Reference No.: 023134.0103TMAU

Responsible Office: DV

PATENT

REEL: 034783 FRAME: 0083

Country: Australia

Trademark List by Country

Page: 3

Trademark	Case Number	Sub Case	Application Number	Publication Number	Registration Number	Status
	Country	Case Type	Filing Date	Publication Date	Registration Date	Next Renewal

Tuesday November 26, 2013

Country: Brazil

Trademark List by Country

Page: 4

Trademark	Class	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS (stylized and/or with design) 10		023134.0103 Brazil	ORD	830066489 09-Oct-2008	1991 03-Mar-2009		Published

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Daniel Goytia & Associates

Classes: 10 Int.

PB Reference No.: 023134.0103TMBR

Responsible Office: DV

Attorneys: CAF, TC

Client Ref:

Agent Ref: 111.286

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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Country: Brazil

Trademark List by Country

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Sub Case	Case Type
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100	1/1/2020

Case No.	Case Name	Status	Next Review Date
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84	Case 84	Open	2023-10-25
85	Case 85	Open	

Træfemærke

Tuesday, November 26, 2013

Country: Canada

Trademark List by Country

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Trademark	Case Number Country	Sub-Case Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Canada	ORD	1522946 05-Apr-2011		TMA821,639 05-Apr-2012	Registered 05-Apr-2027

Owner:
Client: Polymer Technology Systems, Inc.
Agent: SMART & Biggar
Classes: 10 Int.
PB Reference No.: 023134.0102TMCA
Responsible Office: DV

PTS (stylized and/or with design) 10	Class 023134.0103 Canada	ORD	1412035 24-Sep-2008		766655 13-May-2010	Registered 13-May-2025
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Owner:
Client: Polymer Technology Systems, Inc.
Agent: SMART & Biggar
Classes: 10 Int.
PB Reference No.: 023134.0103TMCA
Responsible Office: DV

Tuesday, November 26, 2013		Trademark List by Country				Page: 8
Country: Canada						
Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal

Tuesday, November 26, 2013

Country: China (People's Republic)

Trademark List by Country

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Trademark	Case Number Country	Sub/Case Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 China (People's Republic)	MPR	880315 02-Nov-2005		880315 02-Nov-2005	Registered 02-Nov-2015
Owner: Client: Polymer Technology Systems, Inc. Agent: L.D. Partners, Inc. Classes: 10 Int. PB Reference No.: 023134.0102TMCN Responsible Office: DV						
Attorneys: CAF, TC Client Ref: Agent Ref: TIN07L097						

MEMO CHIP (standard characters)	023134.0147 China (People's Republic)	MPR	974550 27-May-2008			Pending
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int. PB Reference No.: 023134.0147TMCN Responsible Office: DV						
Attorneys: CAF, TC Client Ref: Agent Ref:						

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 European Community	MPR	006062897 03-Jul-2007	11-Feb-2008	006062897 21-Aug-2008	Registered 03-Jul-2017
Owner: Client: Polymer Technology Systems, Inc. Agent: Dennemeyer & Associates Classes: 10 Int. PB Reference No.: 023134.0102TMEM Responsible Office: DV Remarks:						
Attorneys: CAF, TC Client Ref: Agent Ref: 028241-EU						

MEMO CHIP (standard characters)	023134.0147 European Community	MPR	974550 27-May-2008	974550 27-May-2008	974550 27-May-2008	Registered 27-May-2018
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int. PB Reference No.: 023134.0147TMEM Responsible Office: DV						
Attorneys: CAF, TC Client Ref: Agent Ref:						

Trademark	Class	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS (stylized and/or with design) 10		023134.0103 European Community	MPR	984926 11-Sep-2008		984926 11-Sep-2008	Registered 11-Sep-2018

Owner:
Client: Polymer Technology Systems, Inc.
Agent:
Classes: 10 Int.
PB Reference No.: 023134.0103TMEM
Responsible Office: DV

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Tuesday, November 26, 2013

Country: Finland

Trademark List by Country

Page: 12

Trademark	Case Number Country	Sub-Case Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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CARDIOCHEK

023134.0102
Finland

MPR

880515
02-Nov-2005

880515
02-Nov-2005

Registered
02-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent: OY KOLSTER AB

Classes: 10 Int.

PB Reference No.: 023134.0102TMFI

Responsible Office: DV

Attorneys: CAF, TC

Client Ref:

Agent Ref: 11967/EMVHA

Tuesday, November 26, 2013

Country: Germany

Trademark List by Country

Page: 13

Trademark	Case Number Country	Sub Case Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Germany	MPR	880515 02-Nov-2005		880515 02-Nov-2005	Registered 02-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Attorneys: CAF, TC

Client Ref:

Agent Ref:

Classes: 10 Int.

PB Reference No.: 023134.0102TMDE

Responsible Office: DV

Thursday, November 26, 2015

Country: Hungary

Trademark List by Country

Page: 14

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Hungary	MPR	880515 02-Nov-2005		880515 02-Nov-2005	Registered 02-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Classes: 10 Int.

PB Reference No.: 023134.0102TMHU

Responsible Office: DV

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 India	ORD	1881037 05-Nov-2009	11-Feb-2013		Published
Owner: Client: Polymer Technology Systems, Inc. Agent: DePenning & DePenning Classes: 10 Int. PB Reference No.: 023134.0102TMIN Responsible Office: DV Attorneys: CAF, TC Client Ref: Agent Ref: BL/sug						

Tuesday, November 26, 2013		Trademark Lkt by Country				Page 16	
Country: India							
Trademark	Case Number	Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS (stylized and/or with design) 10	023134.0103 India	ORD	1733693 12-Sep-2008	13-Aug-2012	1733693 12-Sep-2008	Registered 12-Sep-2018
Owner: Client: Polymer Technology Systems, Inc. Agent: DePanning & DePanning Classes: 10 Int. PIR Reference No.: 023134.0103TMIN Responsible Office: DV Attorneys: CAF, TC Client Ref: Agent Ref: BL/dhu						

Tuesday, November 26, 2013

Trademark List by Country

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Country: Int'l Registration - Madrid Protocol Only

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Int'l Registration - Madrid Protocol Only Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 10 Int. PB Reference No.: 023134.0102TMWP Responsible Office: DV	ORD	A0002970 02-Nov-2005		880515 02-Nov-2005 Attorneys: CAF, TC Client Ref: Agent Ref:	Registered 02-Nov-2015

MENVO CHIP (standard characters)

023134.0147 Int'l Registration - Madrid Protocol Only Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int. PB Reference No.: 023134.0147TMWP Responsible Office: DV	ORD	A0012572 27-May-2008	974550 27-May-2008 Attorneys: CAF, TC Client Ref: Agent Ref:	Registered 27-May-2018
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PTS (stylized and/or with design) Class
10

023134.0103 Int'l Registration - Madrid Protocol Only Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 10 Int.	ORD	A0013764 11-Sep-2008	984926 11-Sep-2008 Attorneys: CAF, TC Client Ref: Agent Ref:	Registered 11-Sep-2018
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Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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PB Reference No.: 023134.0103TMWP

Responsible Office: DV

Tuesday, November 26, 2013

Country: Ireland

Trademark List by Country

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Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Ireland	MPR	880515 02-Nov-2005	2109 15-Oct-2008	880515 02-Nov-2005	Registered 05-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Classes: 10 Int.

PB Reference No.: 023134.0102TME

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Tuesday, November 26, 2013

Country: Japan

Trademark List by Country

Page: 21

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Japan	TM MPR	880315 02-Nov-2005		880315 10-Jan-2013	Registered
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 10 Int. PB Reference No.: 023134.0102TMJP Responsible Office: DV Remarks: 08-30-13 Statement of Grant of Protection Rule 18er(i) sent date 8 Aug 2013						
MEMO CHIP (standard characters)	023134.0147 Japan	MPR	974550 27-May-2008		974550 23-Apr-2009	Registered 27-May-2018
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int. PB Reference No.: 023134.0147TMJP Responsible Office: DV						

PATENT

REEL: 034783 FRAME: 0102

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS (stylized and/or with design) Class 10	023134.0103 Korea, Republic of	MPR	984926 11-Sep-2008		984926 11-Sep-2008	Registered 11-Sep-2018
Owner: Client: Polymer Technology Systems Inc. Agent: Classes: 10 Int. PB Reference No.: 023134.0103TMKR Responsible Office: TV Attorneys: CAF, TC Client Ref: Agent Ref:						

Tuesday, November 25, 2013

Country: Mexico

Trademark List by Country

Page: 23

Trademark

Trademark	Class	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS (stylized and/or with design)	10	023134.0103 Mexico	TM ORD	962104 19-Sep-2018		1090418 19-Mar-2009	Registered 19-Sep-2018

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Eufate Soni

Classes: 10 Int.

PB Reference No.: 023134.0103TMMX

Responsible Office: DV

Attorneys: CAF, TC

Client Ref:

Agent Ref:

PATENT

REEL: 034783 FRAME: 0104

Tuesday, November 26, 2013

Country: Russian Federation

Trademark List by Country

Page: 24

Trademark	Case Number Country	Sub-Case Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEX	023134.0102 Russian Federation	TM MPR	880513 02-Nov-2005			Pending

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Classes: 10 Int.

PB Reference No.: 023134.0102TMRU

Responsible Office: DV

Attorneys: CAF, TC

Client Ref:

Agent Ref:

Tuesday, November 26, 2013
Country: Serbia (Old Code)

Trademark List by Country

Page: 25

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Serbia (Old Code)	TM MPR	A0002970 02-Nov-2005		880515 02-Nov-2005	Registered 02-Nov-2015

Owner:
Client: Polymer Technology Systems, Inc.
Agent:
Classes: 10 Int.
PB Reference No.: 023134.0102TMYU
Responsible Office: DV

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Tuesday, November 26, 2013

Country: Singapore

Trademark List by Country

Page 26

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Singapore	MPR	880515 02-Nov-2005		880515 02-Nov-2005	Registered 02-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Classes: 10 Int.

PB Reference No.: 023134.0102TMSG

Responsible Office: DV

Tuesday, November 26, 2013

Country: South Africa

Trademark List by Country

Page: 27

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS (stylized and/or with design) 10	023134.0103 South Africa	ORD	2009/21404 12-Sep-2008	24-Feb-2010	2008/21404 12-Sep-2008	Registered 12-Sep-2018

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Spoor & Fisher

Classes: 10 Int.

PB Reference No.: 023134.0103TMZA

Responsible Office: DV

Attorneys: CAF, TC

Client Ref:

Agent Ref:

Tuesday, November 26, 2013

Country: Sweden

Trademark List by Country

Page: 28

Trademark

CARDIOCHEK

Case Number
Country

023134.0102
Sweden

SubCase
Case Type

MPR

Application Number
Filing Date

880515
02-Nov-2005

Publication Number
Publication Date

880515
02-Nov-2005

Registration Number
Registration Date

880515
02-Nov-2005

Status
Next Renewal

Registered
02-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Attorneys: CAF, TC
Client Ref:
Agent Ref:

Classes: 10 Int.

PB Reference No.: 023134.0102IMSE

Downloaded from: www.patent.gov

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 Syria	MPR	880515 02-Nov-2005		880515 02-Nov-2005	Registered 02-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Attorneys: CAF, TC

Client Ref:

Agent Ref:

Classes: 10 Int.

PB Reference No.: 023134.0102TMSY

Document(s) Offense: PV

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
MEMO CHIP (standard characters)	023134.0147 Turkey	MPR	974550 27-May-2008		974550 10-Jun-2009	Registered 10-Jun-2019
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int. PB Reference No.: 023134.0147TMTR						
Attorneys: CAF, TC Client Ref: Agent Ref:						

PTS (stylized and/or with design) Class 10	023134.0103 Turkey	MPR	984926 11-Sep-2008		984926 11-Sep-2008	Registered 11-Sep-2018
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 10 Int. PB Reference No.: 023134.0103TMTR						
Attorneys: CAF, TC Client Ref: Agent Ref:						

Tuesday, November 26, 2013

Country: United Kingdom

Trademark List by Country

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Trademark	Case Number Country	Sub/Case Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 United Kingdom	MPR	880515 02-Nov-2005	17-Nov-2005	880515 02-Nov-2005	Registered 02-Nov-2015

Owner:

Client: Polymer Technology Systems, Inc.

Agent: Farraster, Ketley & Co.

Classes: 10 Int.

PR Reference No.: 023134.0102TMGB

Responsible Office: DV

Attorneys: CAF, TC

Client Ref:

Agent Ref:

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEK	023134.0102 United States of America	TM ORD	78621442 02-May-2005	31-Jan-2006	3085202 25-Apr-2006	Registered 25-Apr-2016
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 10 Int. PB Reference No.: 023134.0102TMUS Responsible Office: DV						
CARDIOCHEK CONNECT (standard character)	023134.0218 United States of America	ORD	85316216 09-May-2011	01-May-2012	4173939 17-Jul-2012	Registered 17-Jul-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int. PB Reference No.: 023134.0218TMUS Responsible Office: DV						
CARDIOCHEK CONNECT (stylized and/or with design)	023134.0219 United States of America	ORD	85316224 09-May-2011	15-May-2012	4181840 31-Jul-2012	Registered 31-Jul-2022
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int.						

Thursday, November 26, 2015

Country: United States of America

Trademark List by Country

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Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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PB Reference No.: 023134.0219TMUS

Responsible Office: DV

CARDIOCHEK DATA LINK

023134.0210

United States of America

ORD

Unfiled

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Classes:

Attorneys: CAF, TC

Client Ref:

Agent Ref:

PB Reference No.: 023134.0210TMUS

Responsible Office: DV

CARDIOCHEK DIRECT

023134.0125

United States of America

ORD

Unfiled

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Classes:

Attorneys: CAF, TC

Client Ref:

Agent Ref:

PB Reference No.: 023134.0125TMUS

Responsible Office: DV

PATENT

REEL: 034783 FRAME: 0114

Tuesday, November 26, 2013

Country: United States of America

Trademark List by Country

Page 34

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
CARDIOCHEX LINK (standard characters)	023134.0211 United States of America	ORD	77/523266 16-Jul-2008	09-Dec-2008	3681134 08-Sep-2009	Registered 08-Sep-2019
Owner: Client: Polymer Technology Systems, Inc. Agent: Classes: 09 Int. PB Reference No.: 023134.0211TMUS Responsible Office: DV						
Attorneys: CAF, TC Client Ref: Agent Ref:						

DIRECT

023134.0126
United States of America
ORD
Owner:
Client: Polymer Technology Systems, Inc.
Agent:
Classes:
PB Reference No.: 023134.0126TMUS
Responsible Office: DV

Unfiled

Attorneys: CAF, TC
Client Ref:
Agent Ref:

EGLU

023134.0225
United States of America
TM
ORD
Owner:
Client: Polymer Technology Systems, Inc.
Agent:
Classes:

Unfiled

Attorneys: CAF
Client Ref:
Agent Ref:

PATENT

REEL: 034783 FRAME: 0115

Tuesday, November 26, 2013

Trademark List by Country

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Country: United States of America

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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PB Reference No.: 023134.0225TMUS

Responsible Office: DV

Remarks:

ELIHD	023134.0226 United States of America	TM ORD				Unfiled
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Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Classes:

Attorneys: CAF

Client Ref:

Agent Ref:

PB Reference No.: 023134.0226TMUS

Responsible Office: DV

Remarks:

MFMo CHIP (standard characters)	023134.0147 United States of America	ORD	77/336655 26-Nov-2007	10-Mar-2009	3625304 26-May-2009	Registered 26-May-2019
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Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Classes: 05 Int.

Attorneys: CAF, TC

Client Ref:

Agent Ref:

PB Reference No.: 023134.0147TMUS

Responsible Office: DV

PTS (standard characters)	023134.0121 United States of America	ORD	78/646600 08-Jun-2005	10-Jul-2007	3297266 23-Sep-2007	Registered 23-Sep-2017
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Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Classes: 10 Int.

Attorneys: CAF, TC

Client Ref:

Agent Ref:

PATENT

REEL: 034783 FRAME: 0116

Tuesday, November 26, 2013

Country: United States of America

Trademark List by Country

Page: 16

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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PB Reference No.: 023134.0121TMUS

Responsible Office: DV

Remarks: 11-2-09 Per C. Rock email please remove initials from this docket

1-13-12 Notice of Recordation of Assignment Document
Recordation Date: 1-11-12 Reel/Frame: 4696/0868
Release by Secured Party

PTS (stylized and/or with design) Class 10	023134.0103 United States of America	ORD	77/46385 11-Apr-2008	23-Dec-2008	3583823 10-Mar-2009	Registered 10-Mar-2019
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Owner:
Client: Polymer Technology Systems, Inc.
Agent:
Classes: 10 Int.

PB Reference No.: 023134.0103TMUS

Responsible Office: DV

PTS (stylized and/or with design) Class 5	023134.0103 United States of America	T1 ORD				Unfiled
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Owner:
Client: Polymer Technology Systems, Inc.
Agent:
Classes:
Attorneys: CAF, TC
Client Ref:
Agent Ref:

PB Reference No.: 023134.0103TMUS

Responsible Office: DV

PATENT

REEL: 034783 FRAME: 0117

Trademark	Case Number Country	SubCase Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
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PTS logo Class 009	023134.0103 United States of America	T2 ORD				Unfiled
	Owner: Client: Polymer Technology Systems, Inc. Agent:				Attorneys: CAF, TC Client Ref: Agent Ref:	
	Classes: PB Reference No.: 023134.0103T2US Responsible Office: DV					
PTS LOGO Class 5	023134.0104 United States of America	ORD				Unfiled
	Owner: Client: Polymer Technology Systems, Inc. Agent:				Attorneys: CAF Client Ref: Agent Ref:	
	Classes: PB Reference No.: 023134.0104TMUS Responsible Office: DV					

Tuesday, November 25, 2013

Country: United States of America

Trademark List by Country

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Trademark	Case Number Country	Sub Case Case Type	Application Number Filing Date	Publication Number Publication Date	Registration Number Registration Date	Status Next Renewal
PTS PANELS (standard characters)	023134.0120 United States of America	ORD	78/640726 02-Jun-2005	19-Sep-2006	3179677 05-Dec-2006	Registered 05-Dec-2016

Owner:

Client: Polymer Technology Systems, Inc.

Agent:

Attorneys: CAF, TC

Client Ref:

Agent Ref:

Classes: 10 Int.

FB Reference No.: 023134.0120TMUS

Responsible Office: DV

Tuesday, November 26, 2013

Report Selection

Page: 39

Record Count: 50

Sort Order: by Country

Report Format: Comprehensive

Print Goods?: No

Print Remarks?: Yes

Print Images/Links?: No

Print Designated Countries?: No

Filing Date:

From:

To:

Case Number:

Trademark:

Client: 23134

Agent:

Attorney:

Owner:

Country:

Area:

Keyword:

Resp Office:

Status Code: Active

Case Type(s):

Status(es):

PATENT

REEL: 034783 FRAME: 0120

SCHEDULE C

Licenses

None.

EXHIBIT A

FORM OF ASSIGNMENT

THIS DOCUMENT SHALL BE HELD BY AGENT IN ESCROW PURSUANT TO AND IN ACCORDANCE WITH THE PROVISIONS OF THE INTELLECTUAL PROPERTY SECURITY AGREEMENT, DATED AS OF DECEMBER 16, 2011 (AS THE SAME MAY FROM TIME TO TIME BE AMENDED, RESTATED OR OTHERWISE MODIFIED, THE "AGREEMENT"), EXECUTED BY POLYMER TECHNOLOGY SYSTEMS, INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF INDIANA (TOGETHER WITH ITS SUCCESSORS AND ASSIGNS, "PLEDGOR"), IN FAVOR OF PNC BANK, NATIONAL ASSOCIATION, AS AGENT FOR LENDERS, AS DEFINED IN THE AGREEMENT (TOGETHER WITH ITS SUCCESSORS AND ASSIGNS, "AGENT"). BY SIGNING IN THE SPACE PROVIDED BELOW, THE UNDERSIGNED OFFICER OF AGENT CERTIFIES THAT AN EVENT OF DEFAULT (AS DEFINED IN THE AGREEMENT) HAS OCCURRED AND THAT AGENT HAS ELECTED TO TAKE POSSESSION OF THE COLLATERAL ON BEHALF OF AND FOR THE BENEFIT OF LENDERS AND TO RECORD THIS DOCUMENT WITH THE UNITED STATES PATENT AND TRADEMARK OFFICE. UPON RECORDING OF THIS DOCUMENT WITH THE UNITED STATES PATENT AND TRADEMARK OFFICE, THIS LEGEND SHALL CEASE TO HAVE ANY FORCE OR EFFECT.

PNC BANK, NATIONAL ASSOCIATION

By: _____
Print Name: _____
Title: _____
Date: _____

ASSIGNMENT

WHEREAS, POLYMER TECHNOLOGY SYSTEMS, INC., a corporation organized under the laws of the State of INDIANA (together with its successors and assigns, "Pledgor"), is the owner of the Collateral, as hereinafter defined;

WHEREAS, Pledgor has executed an Intellectual Property Security Agreement, dated as of even date herewith (as the same may from time to time be amended, restated or otherwise modified, the "Agreement"), in favor of PNC BANK, NATIONAL ASSOCIATION, as Agent for Lenders, as defined in the Agreement (together with its successors and assign in its capacity as agent, "Agent"), pursuant to which Pledgor has granted to Agent, for the benefit of Lenders, a security interest in the Collateral as security for the Debt, as defined in the Agreement;

WHEREAS, the Agreement provides that the security interest in and of the Collateral is effective as of the date of the Agreement;

WHEREAS, the Agreement provides that this Assignment shall become effective upon the occurrence of an Event of Default, as defined in the Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, Pledgor, its successors and assigns, subject to the limitations stated in the paragraph immediately following, does hereby transfer, assign and set over to Agent, its successors, transferees and assigns, all of its existing and future Collateral (as defined in the Agreement), including, but not limited to, the Collateral listed on Schedules A, B, and C of the Agreement (which such schedules shall also be deemed schedules hereto) that is registered in the United States Patent and Trademark Office or that is the subject of pending applications in the United States Patent and Trademark Office.

This Assignment shall be effective only upon the certification of an authorized officer of Agent, as provided above, that (a) an Event of Default, as defined in the Agreement, has occurred, and (b) Agent has elected to take actual title to the Collateral.

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed by its duly authorized officer on December ____, 2011.

POLYMER TECHNOLOGY SYSTEMS, INC.

By: _____
Print Name: _____
Title: _____

[Signature page – IP Assignment – PTS]

STATE OF _____)
) SS:
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of said POLYMER TECHNOLOGY SYSTEMS, INC., an Indiana corporation, and that he/she executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of December, 2011.

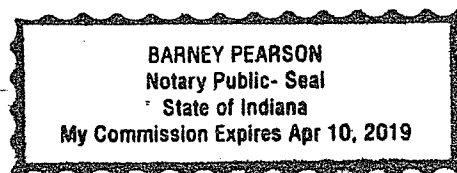
Notary Public
My commission expires: _____

STATE OF Indiana)
) SS:
COUNTY OF Marion)

BEFORE ME, the undersigned authority, on this day personally appeared Robert Hottelshodt, President & CEO, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of said POLYMER TECHNOLOGY SYSTEMS, INC., an Indiana corporation, and that he/she executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 13th day of December, 2011.

Barney Pearson
Notary Public
My commission expires: April 10, 2019



INTELLECTUAL PROPERTY SECURITY AGREEMENT – PNC BANK/PTS