

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2746999

| SUBMISSION TYPE:   | NEW ASSIGNMENT  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
|--|---|---------------|---|-----------------|----------------|---------------------------|------------|----------------------------------|------------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|
| NATURE OF CONVEYANCE:  | SECURITY AGREEMENT                                    |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| CONVEYING PARTY DATA   |   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>GRIFOLS INC.</td> <td>02/27/2014</td> </tr> <tr> <td>GRIFOLS THERAPEUTICS INC.</td> <td>02/27/2014</td> </tr> <tr> <td>GRIFOLS-CHIRON DIAGNOSTICS CORP.</td> <td>02/27/2014</td> </tr> </tbody> </table>   |   | Name          | Execution Date  | GRIFOLS INC.    | 02/27/2014     | GRIFOLS THERAPEUTICS INC. | 02/27/2014 | GRIFOLS-CHIRON DIAGNOSTICS CORP. | 02/27/2014 |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Name   | Execution Date  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| GRIFOLS INC.   | 02/27/2014  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| GRIFOLS THERAPEUTICS INC.  | 02/27/2014  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| GRIFOLS-CHIRON DIAGNOSTICS CORP.   | 02/27/2014  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| RECEIVING PARTY DATA   |   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| <table border="1"> <tr> <td>Name:</td> <td>DEUTSCHE BANK AG NEW YORK BRANCH, AS COLLATERAL AGENT</td> </tr> <tr> <td>Street Address:</td> <td>60 WALL STREET</td> </tr> <tr> <td>City:</td> <td>NEW YORK</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10005</td> </tr> </table>  |   | Name:         | DEUTSCHE BANK AG NEW YORK BRANCH, AS COLLATERAL AGENT | Street Address: | 60 WALL STREET | City:                     | NEW YORK   | State/Country:                   | NEW YORK   | Postal Code:   | 10005   |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Name:  | DEUTSCHE BANK AG NEW YORK BRANCH, AS COLLATERAL AGENT |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Street Address:  | 60 WALL STREET  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| City:  | NEW YORK  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| State/Country:   | NEW YORK  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Postal Code:   | 10005   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| PROPERTY NUMBERS Total: 163  |   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>Patent Number:</td><td>4725673</td></tr> <tr><td>Patent Number:</td><td>4944647</td></tr> <tr><td>Patent Number:</td><td>5110907</td></tr> <tr><td>Patent Number:</td><td>5177191</td></tr> <tr><td>Patent Number:</td><td>5219995</td></tr> <tr><td>Patent Number:</td><td>5248596</td></tr> <tr><td>Patent Number:</td><td>5286849</td></tr> <tr><td>Patent Number:</td><td>5288853</td></tr> <tr><td>Patent Number:</td><td>5319072</td></tr> <tr><td>Patent Number:</td><td>5356878</td></tr> <tr><td>Patent Number:</td><td>5399670</td></tr> <tr><td>Patent Number:</td><td>5477896</td></tr> <tr><td>Patent Number:</td><td>5549866</td></tr> </tbody> </table> |   | Property Type | Number  | Patent Number:  | 4725673        | Patent Number:            | 4944647    | Patent Number:                   | 5110907    | Patent Number: | 5177191 | Patent Number: | 5219995 | Patent Number: | 5248596 | Patent Number: | 5286849 | Patent Number: | 5288853 | Patent Number: | 5319072 | Patent Number: | 5356878 | Patent Number: | 5399670 | Patent Number: | 5477896 | Patent Number: | 5549866 |
| Property Type  | Number  |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 4725673   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 4944647   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5110907   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5177191   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5219995   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5248596   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5286849   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5288853   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5319072   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5356878   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5399670   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5477896   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |
| Patent Number:   | 5549866   |               |   |                 |                |                           |            |                                  |            |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |

|                |         |
|----------------|---------|
| Patent Number: | 5561108 |
| Patent Number: | 5561115 |
| Patent Number: | 5610285 |
| Patent Number: | 5612453 |
| Patent Number: | 5659017 |
| Patent Number: | 5688912 |
| Patent Number: | 5723579 |
| Patent Number: | 5744586 |
| Patent Number: | 5783663 |
| Patent Number: | 5830411 |
| Patent Number: | 5831003 |
| Patent Number: | 5844087 |
| Patent Number: | 5846930 |
| Patent Number: | 5911165 |
| Patent Number: | 5932468 |
| Patent Number: | 5985836 |
| Patent Number: | 6037452 |
| Patent Number: | 6054264 |
| Patent Number: | 6121422 |
| Patent Number: | 6159471 |
| Patent Number: | 6162399 |
| Patent Number: | 6162904 |
| Patent Number: | 6261764 |
| Patent Number: | 6267927 |
| Patent Number: | 6300056 |
| Patent Number: | 6355243 |
| Patent Number: | 6391298 |
| Patent Number: | 6391540 |
| Patent Number: | 6416944 |
| Patent Number: | 6428792 |
| Patent Number: | 6436666 |
| Patent Number: | 6462180 |
| Patent Number: | 6485725 |
| Patent Number: | 6503226 |
| Patent Number: | 6514731 |

|                |         |
|----------------|---------|
|                | 6521226 |
| Patent Number: | 6537745 |
| Patent Number: | 6566504 |
| Patent Number: | 6605445 |
| Patent Number: | 6630298 |
| Patent Number: | 6632601 |
| Patent Number: | 6660471 |
| Patent Number: | 6676664 |
| Patent Number: | 6693173 |
| Patent Number: | 6709221 |
| Patent Number: | 6740323 |
| Patent Number: | 6796108 |
| Patent Number: | 6797809 |
| Patent Number: | 6815160 |
| Patent Number: | 6832463 |
| Patent Number: | 6875848 |
| Patent Number: | 6924122 |
| Patent Number: | 6936442 |
| Patent Number: | 6942965 |
| Patent Number: | 6964764 |
| Patent Number: | 6969515 |
| Patent Number: | 6984492 |
| Patent Number: | 7056658 |
| Patent Number: | 7108967 |
| Patent Number: | 7117901 |
| Patent Number: | 7166426 |
| Patent Number: | 7183107 |
| Patent Number: | 7198923 |
| Patent Number: | 7241879 |
| Patent Number: | 7252958 |
| Patent Number: | 7291595 |
| Patent Number: | 7306420 |
| Patent Number: | 7319144 |
| Patent Number: | 7323881 |
| Patent Number: | 7332577 |

|                |         |
|----------------|---------|
|                | 7439040 |
| Patent Number: | 7439058 |
| Patent Number: | 7442308 |
| Patent Number: | 7491808 |
| Patent Number: | 7504204 |
| Patent Number: | 7511818 |
| Patent Number: | 7531513 |
| Patent Number: | 7544500 |
| Patent Number: | 7563873 |
| Patent Number: | 7622078 |
| Patent Number: | 7657385 |
| Patent Number: | 7807438 |
| Patent Number: | 7807813 |
| Patent Number: | 7851446 |
| Patent Number: | 7871608 |
| Patent Number: | 7871625 |
| Patent Number: | 7927839 |
| Patent Number: | 7931916 |
| Patent Number: | 8034913 |
| Patent Number: | 8075175 |
| Patent Number: | 8084580 |
| Patent Number: | 8088416 |
| Patent Number: | 8101394 |
| Patent Number: | 8173375 |
| Patent Number: | 8182808 |
| Patent Number: | 8231599 |
| Patent Number: | 8231869 |
| Patent Number: | 8232369 |
| Patent Number: | 8252590 |
| Patent Number: | 8268782 |
| Patent Number: | 8354505 |
| Patent Number: | 8376188 |
| Patent Number: | 8420079 |
| Patent Number: | 8454909 |
| Patent Number: | 8512980 |

|                     |          |
|---------------------|----------|
|                     | 8551706  |
| Patent Number:      | 8560246  |
| Patent Number:      | 8574495  |
| Patent Number:      | 8596326  |
| Patent Number:      | 8617863  |
| Patent Number:      | 8648177  |
| Patent Number:      | RE36259  |
| Patent Number:      | RE44558  |
| Application Number: | 11251566 |
| Application Number: | 11759578 |
| Application Number: | 11766934 |
| Application Number: | 12162532 |
| Application Number: | 12434813 |
| Application Number: | 12689607 |
| Application Number: | 12724032 |
| Application Number: | 12741030 |
| Application Number: | 12822764 |
| Application Number: | 12915346 |
| Application Number: | 12937454 |
| Application Number: | 13033507 |
| Application Number: | 13145875 |
| Application Number: | 13147491 |
| Application Number: | 13169061 |
| Application Number: | 13266763 |
| Application Number: | 13301599 |
| Application Number: | 13418123 |
| Application Number: | 13504783 |
| Application Number: | 13509309 |
| Application Number: | 13551738 |
| Application Number: | 13567678 |
| Application Number: | 13581697 |
| Application Number: | 13761684 |
| Application Number: | 13803128 |
| Application Number: | 13825505 |
| Application Number: | 13828374 |

|                     |          |
|---------------------|----------|
|                     | 13833545 |
| Application Number: | 13838424 |
| Application Number: | 13859395 |
| Application Number: | 13951070 |
| Application Number: | 14053245 |
| Application Number: | 14119563 |
| Application Number: | 14122726 |
| Application Number: | 14126269 |
| Application Number: | 14232783 |
| Application Number: | 14237746 |

# CORRESPONDENCE DATA

Fax Number:

Phone: 213-892-4000

Email: cholm@milbank.com

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

Correspondent Name: CHRIS L HOLM

Address Line 1: 601 SOUTH FIGUEROA ST

Address Line 2: 30TH FLOOR

Address Line 4: LOS ANGELES, CALIFORNIA 90017

|                    |                   |
|--------------------|-------------------|
| NAME OF SUBMITTER: | CHRIS L. HOLM     |
| Signature:         | /s/ Chris L. Holm |
| Date:              | 02/27/2014        |

Total Attachments: 34

source=MasterGrifolsPatentSecurity(reduced)#page1.tif

source=MasterGrifolsPatentSecurity(reduced)#page2.tif

source=MasterGrifolsPatentSecurity(reduced)#page3.tif

source=MasterGrifolsPatentSecurity(reduced)#page4.tif

source=MasterGrifolsPatentSecurity(reduced)#page5.tif

source=MasterGrifolsPatentSecurity(reduced)#page6.tif

source=MasterGrifolsPatentSecurity(reduced)#page7.tif

source=MasterGrifolsPatentSecurity(reduced)#page8.tif

source=MasterGrifolsPatentSecurity(reduced)#page9.tif

source=MasterGrifolsPatentSecurity(reduced)#page10.tif

source=MasterGrifolsPatentSecurity(reduced)#page11.tif

source=MasterGrifolsPatentSecurity(reduced)#page12.tif

source=MasterGrifolsPatentSecurity(reduced)#page13.tif

source=MasterGrifolsPatentSecurity(reduced)#page14.tif

source=MasterGrifolsPatentSecurity(reduced)#page15.tif

source=MasterGrifolsPatentSecurity(reduced)#page16.tif

source=MasterGrifolsPatentSecurity(reduced)#page17.tif

source=MasterGrifolsPatentSecurity(reduced)#page18.tif

**PATENT**  
**REEL: 032367 FRAME: 0006**

source=MasterGrifolsPatentSecurity(reduced)#page19.tif  
source=MasterGrifolsPatentSecurity(reduced)#page20.tif  
source=MasterGrifolsPatentSecurity(reduced)#page21.tif  
source=MasterGrifolsPatentSecurity(reduced)#page22.tif  
source=MasterGrifolsPatentSecurity(reduced)#page23.tif  
source=MasterGrifolsPatentSecurity(reduced)#page24.tif  
source=MasterGrifolsPatentSecurity(reduced)#page25.tif  
source=MasterGrifolsPatentSecurity(reduced)#page26.tif  
source=MasterGrifolsPatentSecurity(reduced)#page27.tif  
source=MasterGrifolsPatentSecurity(reduced)#page28.tif  
source=MasterGrifolsPatentSecurity(reduced)#page29.tif  
source=MasterGrifolsPatentSecurity(reduced)#page30.tif  
source=MasterGrifolsPatentSecurity(reduced)#page31.tif  
source=MasterGrifolsPatentSecurity(reduced)#page32.tif  
source=MasterGrifolsPatentSecurity(reduced)#page33.tif  
source=MasterGrifolsPatentSecurity(reduced)#page34.tif

## PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT**, dated as of February 27, 2014 (as it may be amended, restated, supplemented or otherwise modified from time to time, this “Agreement”), is made by the entities identified as grantors on the signature pages hereto (collectively, the “Grantors”) in favor of **DEUTSCHE BANK AG NEW YORK BRANCH**, as collateral agent for the Secured Parties (in such capacity, together with its successors and permitted assigns, the “Collateral Agent”).

**WHEREAS**, the Grantors are party to a Pledge and Security Agreement dated as of February 27, 2014 (the “Pledge and Security Agreement”) between each of the Grantors and the other grantors party thereto and the Collateral Agent pursuant to which the Grantors granted a security interest to the Collateral Agent in the Patent Collateral (as defined below) and are required to execute and deliver this Agreement.

**NOW, THEREFORE**, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantors hereby agree with the Collateral Agent as follows:

### SECTION. 1. Defined Terms

Unless otherwise defined herein, terms defined in the Pledge and Security Agreement and used herein have the meaning given to them in the Pledge and Security Agreement.

### SECTION 2. Grant of Security Interest

Each Grantor hereby grants to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing lien on all of such Grantor’s right, title and interest in, to and under the following, in each case whether now owned or existing or hereafter acquired, developed, created or arising and wherever located (collectively, the “Patent Collateral”):

all United States and foreign patents and certificates of invention, or similar industrial property rights, and applications for any of the foregoing, including, but not limited to: (i) each patent and patent application listed or required to be listed in Schedule A attached hereto, (ii) all reissues, divisions, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (iii) all patentable inventions and improvements thereto, (iv) all rights to sue or otherwise recover for any past, present and future infringement or other violation thereof, (v) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due and/or payable with respect thereto, and (vi) all other rights of any kind accruing thereunder or pertaining thereto throughout the world.

### SECTION 3. Security Agreement

The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Collateral Agent for the Secured Parties pursuant to the Pledge and Security Agreement, and the Grantors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Pledge and Security Agreement, the provisions of the Pledge and Security Agreement shall control.



#### **SECTION 4. Governing Law**

THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER AND ALL CLAIMS AND CONTROVERSIES ARISING OUT OF THE SUBJECT MATTER HEREOF WHETHER SOUNDING IN CONTRACT LAW, TORT LAW OR OTHERWISE SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICTS OF LAW PROVISIONS THAT WOULD RESULT IN THE APPLICATION OF ANY LAW OTHER THAN THE STATE OF NEW YORK (OTHER THAN ANY MANDATORY PROVISIONS OF LAW RELATING TO THE LAW GOVERNING PERFECTION AND THE EFFECT OF PERFECTION OF THE SECURITY INTEREST).

#### **SECTION 5. Counterparts**

This Agreement may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, each Grantor and the Collateral Agent have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the date first written above.

**GRIFOLS INC.**

By: 

Name: David Bell

Title: Corporate Vice President

**GRIFOLS THERAPEUTICS INC.**

By: 

Name: David Bell

Title: Corporate Vice President

**GRIFOLS-CHIRON DIAGNOSTICS CORP.**

By: 

Name: David Bell

Title: Authorized Signatory

[Grifols - Patent Security Agreement]

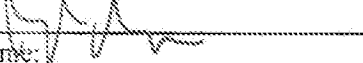
Accepted and Agreed:

**DEUTSCHE BANK AG NEW YORK BRANCH,**  
as Collateral Agent

By: 

Name:

Title: **Michael Winters**  
**Vice President**

By: 

Name:

Title: **Kirk L. Tashjian**  
**Vice President**

**SCHEDULE A**  
**to**  
**PATENT SECURITY AGREEMENT**

**PATENTS AND PATENT APPLICATIONS**

| Title  | Application No. | Filing Date | Patent No. /<br>Pub No. | Issue Date /<br>Pub Date |
|--|-----------------|-------------|-------------------------|--------------------------|
| PLASMA FRACTION<br>PURIFICATION USING<br>SILICA RESIN BOUND<br>TO A LIGAND         | 06902155        | 08/29/1986  | 4725673                 | 02/16/1988               |
| BOTTLE CUTTING<br>AND EMPTYING<br>MACHINE  | 07187818        | 04/13/2011  | 4944647                 | 07/31/1990               |
| FACTOR VIII<br>COMPLEX<br>PURIFICATION USING<br>HEPARIN AFFINITY<br>CHROMATOGRAPHY | 07388254        | 08/01/1989  | 5110907                 | 05/05/1992               |
| GEL FILTRATION OF<br>FACTOR VIII   | 07587815        | 09/24/1990  | 5177191                 | 01/05/1993               |
| PLASMA FRACTION<br>PURIFICATION  | 07913590        | 07/14/1992  | 5219995                 | 06/15/1993               |
| METHOD OF<br>DETECTING<br>PROTEOLYTICALLY<br>MODIFIED<br>ANTITHROMBIN              | 07844354        | 03/02/1992  | 5248596                 | 09/28/1993               |
| PURIFICATION OF<br>FACTOR IX   | 07913666        | 07/14/1992  | 5286849                 | 02/15/1994               |
| FACTOR VIII<br>PURIFICATION<br>PROCESS   | 07876410        | 04/30/1992  | 5288853                 | 02/22/1994               |
| HUMAN<br>ANTITHROMBIN-III<br>PREPARATION   | 07818831        | 01/10/1992  | 5319072                 | 06/07/1994               |
| GEL FILTRATION OF<br>FACTOR VIII   | 08000852        | 01/04/1993  | 5356878                 | 10/18/1994               |

|   |          |            |         |            |
|---|----------|------------|---------|------------|
| SOLUBILIZATION AND STABILIZATION OF FACTOR VIII COMPLEX | 08054903 | 04/29/1993 | 5399670 | 03/21/1995 |
| PREPARATION OF ALPHA-1-ANTICHYMOTRYPSIN                 | 08282860 | 07/29/1994 | 5561108 | 10/01/1996 |
| PEPTIDE LIGANDS WHICH BIND TO VON WILLEBRAND FACTOR     | 08537069 | 09/22/1995 | 5688912 | 11/18/1997 |
| FIBRINOGEN BINDING PEPTIDES                             | 08595718 | 02/02/1996 | 5723579 | 03/03/1998 |
| METHOD AND DEVICE FOR DELIVERING FIBRIN GLUE            | 08744488 | 11/05/1996 | 5844087 | 12/01/1998 |
| POLY(ALKYLENE OXIDE)-FACTOR VIII OR FACTOR IX CONJUGATE | 07866518 | 04/10/1992 | 6037452 | 03/14/2000 |
| METHOD AND DEVICE FOR DELIVERING FIBRIN GLUE            | 09200636 | 11/25/1998 | 6121422 | 09/19/2000 |
| METHOD OF USING PON-1 TO DECREASE ATHEROMA FORMATION    | 09199672 | 11/25/1998 | 6391298 | 05/21/2002 |
| METHOD OF USING PON-1 TO DECREASE ATHEROMA FORMATION    | 10105640 | 03/25/2002 | 6521226 | 02/18/2003 |
| RAPID METHOD OF DETERMINING CLEARANCE OF PRION PROTEIN  | 09253800 | 02/22/1999 | 6605445 | 08/12/2003 |
| DEVICE FOR METERING HARDENABLE MASS FOR BONE TREATMENTS | 09628873 | 07/24/2000 | 6676664 | 01/13/2004 |
| METHOD TO REMOVE CITRATE AND ALUMINUM FROM PROTEINS     | 09805397 | 03/13/2001 | 6693173 | 02/17/2004 |

|  |          |            |               |            |
|--|----------|------------|---------------|------------|
| METHODS AND COMPOSITIONS FOR TREATING HERPES INFECTIONS  | 10656781 | 09/05/2003 | 6984492       | 01/10/2006 |
| DETECTION OF TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHY (TSE) PROTEIN EMPLOYING A HIGHLY SENSITIVE WESTERN BLOT ASSAY AND CHEMILUMINESCENT DETECTION SYSTEM | 10406182 | 04/03/2003 | 7504204       | 03/17/2009 |
| DEVICE AND METHOD FOR PRECIPITATION OF PEPTIDES  | 12520117 | 12/23/2009 | 8232369       | 07/31/2012 |
| PREPARING ESSENTIALLY MONOMERIC NORMAL HUMAN SERUM ALBUMIN   | 08276861 | 07/18/1994 | RE36259       | 07/27/1999 |
| METHODS AND REAGENTS FOR EFFICIENT AND TARGETED GENE TRANSFER TO MONOCYTES AND MACROPHAGES   | 13266763 | 10/27/2011 | US20120045389 | 02/23/2012 |

**Client: 43029484 GRIFOLS, S.A.**  
**Country: UNITED STATES OF AMERICA**

|  |                           |
|--|---------------------------|
| <b>Case: 6989</b><br>UNITED STATES OF AMERICA<br>PATENT. Registration n. 6832463   | Y/Ref.: GSF<br><br>ACTIVE |
| Denomination: A METHOD FOR THE STERILE DOSING OF VIALS<br>Filing Date: Jan 12, 2004<br>Granting Date: Dec 21, 2004<br>Next Payment: Jun 21, 2016   |                           |
| <b>Case: 12087</b><br>UNITED STATES OF AMERICA<br>PATENT. Application n. 61/581708   | ACTIVE                    |
| Denomination: ALPHA 1-PROTEINASE INHIBITOR FOR DELAYING THE ONSET OR<br>PROGRESSION OF PULMONARY EXACERBATIONS<br>Filing Date: Dec 30, 2011<br>Granting Date: Pending<br>Next Payment: Pending   |                           |
| <b>Case: 5825</b><br>UNITED STATES OF AMERICA<br>PATENT. Registration n. 6503226   | ACTIVE                    |
| Denomination: APPARATUS FOR ANGIOGRAPHY BY THE INJECTION OF CO2<br>Filing Date: Jul 18, 2000<br>Granting Date: Jan 07, 2003<br>Next Payment: Jul 07, 2014  |                           |
| <b>Case: 6526</b><br>UNITED STATES OF AMERICA<br>PATENT. Registration n. 7117901   | ACTIVE                    |
| Denomination: APPARATUS FOR FILLING CONTAINERS FOR PHARMACEUTICAL USES AND<br>THE LIKE<br>Filing Date: Feb 25, 2002<br>Granting Date: Oct 10, 2006<br>Next Payment: Apr 10, 2014   |                           |
| <b>Case: 8041</b><br>UNITED STATES OF AMERICA<br>PATENT. Registration n. 7511818   | ACTIVE                    |
| Denomination: APPARATUS FOR MEASURING THE OPTICAL ABSORBENCY OF SAMPLES<br>OF LIQUIDS, METHOD AND REACTION CONTAINER FOR ITS<br>IMPLEMENTATION<br>Filing Date: Nov 15, 2005<br>Granting Date: Mar 31, 2009<br>Next Payment: Sep 30, 2016 |                           |
| <b>Case: 5238</b><br>UNITED STATES OF AMERICA<br>PATENT. Registration n. 6267927   | ACTIVE                    |
| Denomination: APPARATUS FOR PERFORMING LABORATORY TESTS AUTOMATICALLY<br>Filing Date: Nov 19, 1998<br>Granting Date: Jul 31, 2001<br>Next Payment: Nov 19, 2018  |                           |

**Listado de expedientes**

**Case: 8043**

UNITED STATES OF AMERICA

PATENT. Registration n. 7622078

ACTIVE

Denomination: APPARATUS FOR THE AUTOMATED CLINICAL ANALYSIS OF SAMPLES  
Filing Date: Nov 08, 2005  
Granting Date: Nov 24, 2009  
Next Payment: May 24, 2017

**Case: 9816**

UNITED STATES OF AMERICA

PATENT. Registration n. 8574495

ACTIVE

Denomination: APPARATUS FOR THE AUTOMATIC ANALYSIS OF SAMPLES ON GEL CARDS  
Filing Date: May 20, 2009  
Granting Date: Nov 05, 2013  
Next Payment: May 05, 2017

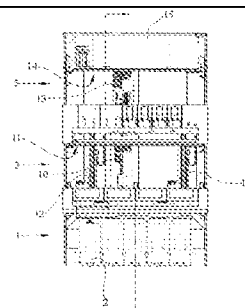


FIG. 2

**Case: 3429**

UNITED STATES OF AMERICA

PATENT. Registration n. 5477896

ACTIVE

Denomination: APPARATUS FOR THE STERILE FILLING OF STERILE BAGS FOR PERFUSION LIQUIDS AND FOR CHECKING THIS FILLING.  
Filing Date: Feb 24, 1994  
Granting Date: Dec 26, 1995  
Next Payment: Feb 24, 2014

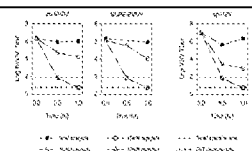
**Case: 13698**

UNITED STATES OF AMERICA

PATENT. Application n. 13/951070

ACTIVE

Denomination: CAPRYLATE VIRAL DEACTIVATION  
Filing Date: Jul 25, 2013  
Granting Date: Pending  
Next Payment: Pending



**Case: 12349**

Y/Ref.: ROI 2012-04

UNITED STATES OF AMERICA

PATENT. Application n. 61/681265

ACTIVE

Denomination: CAPRYLATE VIRAL DEACTIVATION  
Filing Date: Aug 09, 2012  
Granting Date: Pending  
Next Payment: Pending

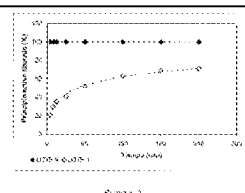
**Case: 9995**

UNITED STATES OF AMERICA

PATENT. Registration n. 7931916

ACTIVE

Denomination: COMPOSITION OF BIOCOMPATIBLE MICROPARTICLES OF ALGINIC ACID FOR THE CONTROLLED RELEASE OF ACTIVE INGREDIENTS BY INTRAVENOUS ADMINISTRATION  
Filing Date: Dec 09, 2009  
Granting Date: Apr 26, 2011  
Next Payment: Oct 26, 2014





**Listado de expedientes**

**Case: 13442**

UNITED STATES OF AMERICA  
PATENT. Application n. 13/833545 ACTIVE

Denomination: CULTURE MEDIUM FOR HUMAN MESENCHYMAL STEM CELLS  
Filing Date: Mar 15, 2013  
Granting Date: Pending  
Next Payment: Pending

**Case: 4274**

UNITED STATES OF AMERICA  
PATENT. Registration n. 5830411 ACTIVE

Denomination: DEVICE FOR CARRYING OUT ERYTHROCYTIC REACTIONS  
Filing Date: Jan 17, 1997  
Granting Date: Nov 03, 1998  
Next Payment: Jan 17, 2017

**Case: 12289**

UNITED STATES OF AMERICA  
PATENT. Application n. 13/551738 ACTIVE

Denomination: DEVICE FOR EMPTYING A BLOOD PRODUCT BAG  
Filing Date: Jul 18, 2012  
Granting Date: Pending  
Next Payment: Pending

**Case: 9349**

UNITED STATES OF AMERICA  
PATENT. Registration n. 8454909 ACTIVE

Denomination: DEVICE FOR LOADING REAGENT CARDS FOR CLINICAL ANALYSERS  
Filing Date: Oct 16, 2007  
Granting Date: Jun 04, 2013  
Next Payment: Dec 04, 2016

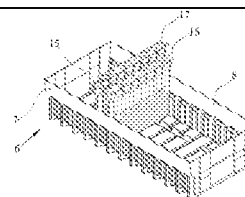


FIG. 4

**Case: 10170**

UNITED STATES OF AMERICA  
PATENT. Registration n. 8376188 ACTIVE

Denomination: DEVICE FOR THE APPLICATION OF FIBRIN ADHESIVE  
Filing Date: Apr 14, 2010  
Granting Date: Feb 19, 2013  
Next Payment: Aug 19, 2016

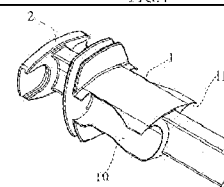


FIG. 1

**Case: 10042**

UNITED STATES OF AMERICA  
PATENT. Application n. 12/689607 ACTIVE

Denomination: DEVICE FOR THE AUTOMATIC TAKING OF SAMPLES OF LIQUID FROM COLLECTION CONTAINERS AND METHOD FOR PERFORMING SAID SAMPLE TAKING  
Filing Date: Jan 19, 2010  
Granting Date: Pending  
Next Payment: Pending

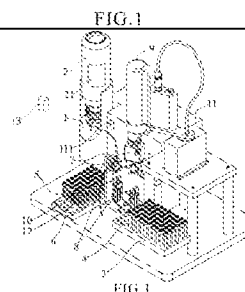


FIG. 3

**Listado de expedientes**

**Case: 6694**

UNITED STATES OF AMERICA  
 PATENT. Registration n. 6709221 ACTIVE

Denomination: GRIPPING MEANS FOR HANDLING BLOOD PLASMA CONTAINERS  
 Filing Date: Mar 14, 2003  
 Granting Date: Mar 23, 2004  
 Next Payment: Sep 23, 2015

**Case: 12088**

Y/Ref.: 2011-011

UNITED STATES OF AMERICA  
 PATENT. Application n. 61/578290 ACTIVE

Denomination: IDENTIFICATION OF ATYPICAL ANTIBODIES IN HUMAN BLOOD AND BLOOD PRODUCTS  
 Filing Date: Dec 21, 2011  
 Granting Date: Pending  
 Next Payment: Pending

**Case: 10267**

UNITED STATES OF AMERICA  
 PATENT. Registration n. 8252590 B2 ACTIVE

Denomination: MAMMALIAN CELL CULTURE MEDIA WHICH COMPRISE SUPERNATANT FROM COHN FRACTIONATION STAGES AND USE THEREOF  
 Filing Date: Jul 02, 2010  
 Granting Date: Aug 28, 2012  
 Next Payment: Feb 28, 2016

**Case: 6691**

Y/Ref.: VIALES MARCADO/DOSIF

UNITED STATES OF AMERICA  
 PATENT. Registration n. 6796108 ACTIVE

Denomination: METHOD AND APPARATUS FOR CONTROLLING THE FILLING OF CONTAINERS UNDER ASEPTIC CONDITIONS  
 Filing Date: Mar 14, 2003  
 Granting Date: Sep 28, 2004  
 Next Payment: Mar 28, 2016

**Case: 6688**

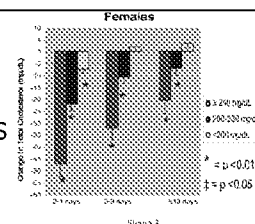
UNITED STATES OF AMERICA  
 PATENT. Registration n. 7306420 ACTIVE

Denomination: METHOD AND APPARATUS FOR EMPTYING BLOOD PLASMA CONTAINERS  
 Filing Date: Mar 14, 2003  
 Granting Date: Dec 11, 2007  
 Next Payment: Jun 11, 2015

**Case: 12070**

UNITED STATES OF AMERICA  
 PATENT. Application n. 13/418123 ACTIVE

Denomination: METHOD AND DEVICE FOR TREATING BLOOD CHOLESTEROL DISORDERS  
 Filing Date: Mar 12, 2012  
 Granting Date: Pending  
 Next Payment: Pending





**Listado de expedientes**

---

**Case: 9750**

UNITED STATES OF AMERICA

PATENT. Registration n. 8354505

ACTIVE

Denomination: PROCESS FOR OBTAINING A CONCENTRATE OF VON WILLEBRAND  
FACTOR OR A COMPLEX OF FACTOR VIII/VON WILLEBRAND FACTOR AND  
USE OF THE SAME

Filing Date: Jan 07, 2009

Granting Date: Jan 15, 2013

Next Payment: Jul 15, 2016

---

**Case: 13491**

UNITED STATES OF AMERICA

PATENT. Application n. 13/838424

ACTIVE

Denomination: PROCESS FOR OBTAINING AN IgG COMPOSITION THROUGH HEAT  
TREATMENT

Filing Date: Mar 15, 2013

Granting Date: Pending

Next Payment: Pending

---

**Case: 9721**

UNITED STATES OF AMERICA

PATENT. Registration n. 8088416

ACTIVE

Denomination: PROCESS FOR OBTAINING HIGH EFFICIENCY HUMAN ALBUMIN FOR USE  
IN DETOXIFICATION THERAPY

Filing Date: Nov 11, 2008

Granting Date: Jan 03, 2012

Next Payment: Jul 03, 2015

---

**Case: 10653**

UNITED STATES OF AMERICA

PATENT. Registration n. 8231599

ACTIVE

Denomination: PROCESS FOR OBTAINING HIGH EFFICIENCY HUMAN ALBUMIN FOR USE  
IN DETOXIFICATION THERAPY

Filing Date: Feb 15, 2011

Granting Date: Jul 31, 2012

Next Payment: Jan 31, 2016

---

**Case: 7035**

Y/Ref.: FIBRINOGENO

UNITED STATES OF AMERICA

PATENT. Registration n. 7442308

ACTIVE

Denomination: PROCESS FOR REMOVING VIRUSES IN FIBRINOGEN SOLUTIONS AND  
FIBRINOGEN OBTAINED BY SAID PROCESS

Filing Date: Feb 25, 2004

Granting Date: Oct 28, 2008

Next Payment: Apr 28, 2016

---

**Case: 6514**

UNITED STATES OF AMERICA

PATENT. Registration n. 6875848

ACTIVE

Denomination: PROCESS FOR THE PRODUCTION OF VIRUS-INACTIVATED HUMAN  
GAMMAGLOBULIN G

Filing Date: Jan 17, 2002

Granting Date: Apr 05, 2005

Next Payment: Oct 05, 2016

**Listado de expedientes**

**Case: 3087**

UNITED STATES OF AMERICA

PATENT. Registration n. 5549866

ACTIVE

Denomination: PROCESS OF MAKING A FLOW REGULATION DEVICE

Filing Date: Jun 22, 1994

Granting Date: Aug 27, 1996

Next Payment: Jun 22, 2014

**Case: 13525**

UNITED STATES OF AMERICA

PATENT. Application n. 13/828374

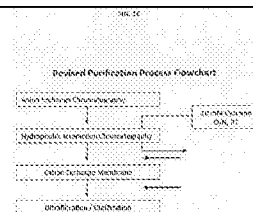
ACTIVE

Denomination: PURIFICATION OF CELL CULTURE DERIVED ALPHA1 PROTEASE  
INHIBITOR

Filing Date: Mar 14, 2013

Granting Date: Pending

Next Payment: Pending



**Case: 12317**

Y/Ref.: ROI 2012-05

UNITED STATES OF AMERICA

PATENT. Application n. 61/675560

ACTIVE

Denomination: PURIFICATION OF CELL CULTURE DERIVED ALPHA1 PROTEASE  
INHIBITOR

Filing Date: Jul 25, 2012

Granting Date: Pending

Next Payment: Pending

**Case: 12297/2**

UNITED STATES OF AMERICA

PATENT. Application n. 14/232783

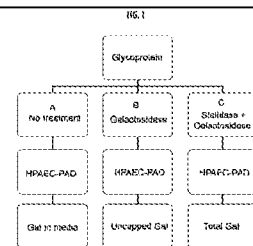
ACTIVE

Denomination: RAPID AND ACCURATE ANALYSIS OF PROTEIN SIALYLATION

Filing Date: Jan 14, 2014

Granting Date: Pending

Next Payment: Pending



**Case: 11306**

UNITED STATES OF AMERICA

PATENT. Application n. 61/507643

ACTIVE

Denomination: RAPID AND ACCURATE ANALYSIS OF PROTEIN SIALYLATION

Filing Date: Jul 14, 2011

Granting Date: Pending

Next Payment: Pending

**Case: 13374**

UNITED STATES OF AMERICA

PATENT. Application n. 13/761684

ACTIVE

Denomination: REVERSIBLY INACTIVATED ACIDIFIED PLASMIN

Filing Date: Feb 07, 2013

Granting Date: Pending

Next Payment: Pending

**Listado de expedientes**

---

**Case: 9299**

UNITED STATES OF AMERICA

PATENT. Registration n. 6485725

ACTIVE

Denomination: ROOM TEMPERATURE STORABLE IMMUNOGLOBULIN PREPARATION FOR  
INTRAVENOUS I

Filing Date: May 03, 2000

Granting Date: Nov 26, 2002

Next Payment: May 26, 2014

---

**Case: 9298**

Y/Ref.: Ig Mitsubishi

UNITED STATES OF AMERICA

PATENT. Registration n. 6159471

ACTIVE

Denomination: ROOM TEMPERATURE STORABLE IMMUNOGLOBULIN PREPARATION FOR  
INTRAVENOUS I

Filing Date: Oct 23, 1998

Granting Date: Dec 12, 2000

Next Payment: Oct 23, 2018

---

**Case: 8030**

UNITED STATES OF AMERICA

PATENT. Application n. 11/251566

ACTIVE

Denomination: STABLE THROMBIN COMPOSITION

Filing Date: Oct 13, 2005

Granting Date: Pending

Next Payment: Pending

---

**Case: 9244**

UNITED STATES OF AMERICA

PATENT. Application n. 11/759578

ACTIVE

Denomination: STOPPER FOR FLASKS OF STERILE PRODUCTS AND USE OF SAID  
STOPPER IN STERILE MEASURED FILLING

Filing Date: Jun 07, 2007

Granting Date: Pending

Next Payment: Pending

---

**Case: 9231**

UNITED STATES OF AMERICA

PATENT. Application n. 11/766934

ACTIVE

Denomination: SUSPENSION MEDIUM FOR RED BLOOD CELLS

Filing Date: Jun 22, 2007

Granting Date: Pending

Next Payment: Pending

---

**Case: 10528**

UNITED STATES OF AMERICA

PATENT. Application n. 12/915346

ACTIVE

Denomination: SUSPENSION MEDIUM FOR RED BLOOD CELLS

Filing Date: Oct 29, 2010

Granting Date: Pending

Next Payment: Pending

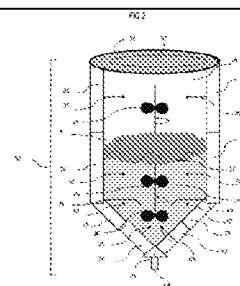
**Listado de expedientes**

**Case: 13526**

UNITED STATES OF AMERICA  
 PATENT. Application n. 13/803128

ACTIVE

Denomination: THAWING VESSEL FOR BIOLOGICAL PRODUCTS  
 Filing Date: Mar 14, 2013  
 Granting Date: Pending  
 Next Payment: Pending



**Case: 12318**

Y/Ref.: ROI 2012-01

UNITED STATES OF AMERICA  
 PATENT. Application n. 61/675572

ACTIVE

Denomination: THAWING VESSEL FOR BIOLOGICAL PRODUCTS  
 Filing Date: Jul 25, 2012  
 Granting Date: Pending  
 Next Payment: Pending

**Case: 4353**

UNITED STATES OF AMERICA  
 PATENT. Registration n. 5846930

ACTIVE

Denomination: THERAPEUTIC HUMAN ALBUMIN HAVING A LOW ALUMINIUM BINDING CAPACITY  
 Filing Date: Jan 24, 1997  
 Granting Date: Dec 08, 1998  
 Next Payment: Jan 24, 2017

**Case: 9190**

UNITED STATES OF AMERICA  
 PATENT. Registration n. 8084580

ACTIVE

Denomination: THERAPEUTIC HUMAN ALBUMIN SOLUTIONS WITH LOW PREKALLICREIN ACTIVATOR (PKA) ACTIVITY AND PROCESS FOR OBTAINING THEM  
 Filing Date: Mar 21, 2007  
 Granting Date: Dec 27, 2011  
 Next Payment: Jun 27, 2015

**Case: 7876**

UNITED STATES OF AMERICA  
 PATENT. Registration n. 7332577

ACTIVE

Denomination: THERAPEUTIC HUMAN ALBUMIN SOLUTIONS WITH LOW PREKALLICREIN ACTIVATOR (PKA) ACTIVITY AND PROCESS FOR OBTAINING THEM  
 Filing Date: Jul 19, 2005  
 Granting Date: Feb 19, 2008  
 Next Payment: Aug 19, 2015

**Case: 9037**

UNITED STATES OF AMERICA  
 PATENT. Registration n. 7531513

ACTIVE

Denomination: THERAPEUTIC PREPARATION OF VERY HIGH PURITY FVIIA AND METHOD FOR OBTAINING SAME  
 Filing Date: Feb 08, 2007  
 Granting Date: May 12, 2009  
 Next Payment: Nov 12, 2016

**Listado de expedientes**

---

**Case: 5111** Y/Ref.: WADIANA  
UNITED STATES OF AMERICA  
PATENT. Registration n. 6162399 ACTIVE

Denomination: UNIVERSAL APPARATUS FOR CLINICAL ANALYSIS  
Filing Date: Jul 23, 1998  
Granting Date: Dec 19, 2000  
Next Payment: Jul 23, 2018

---

**Case: 7993**  
UNITED STATES OF AMERICA  
PATENT. Registration n. 7291595 ACTIVE

Denomination: USE OF ALPHA-1 ANTITRYPSIN FOR THE PREPARATION OF  
MEDICAMENTS FOR THE TREATMENT OF FIBROMYALGIA  
Filing Date: Sep 19, 2005  
Granting Date: Nov 06, 2007  
Next Payment: May 06, 2015

---

**Case: 10223**  
UNITED STATES OF AMERICA  
PATENT. Application n. 12/822764 ACTIVE

Denomination: USE OF ALPHA-1-ANTITRYPSIN FOR THE PREPARATION OF DRUGS FOR  
THE TREATMENT OF CHRONIC FATIGUE SYNDROME  
Filing Date: Jun 24, 2010  
Granting Date: Pending  
Next Payment: Pending

---

**Case: 9638**  
UNITED STATES OF AMERICA  
PATENT. Registration n. 7851446 ACTIVE

Denomination: USE OF THERAPEUTIC HUMAN ALBUMIN FOR THE PREPARATION OF A  
DRUG FOR THE TREATMENT OF PATIENTS SUFFERING FROM COGNITIVE  
DISORDERS  
Filing Date: Oct 24, 2008  
Granting Date: Dec 14, 2010  
Next Payment: Jun 14, 2014



**Client: 43131141 GRIFOLS THERAPEUTICS INC.**  
**Country: UNITED STATES OF AMERICA**

**Case: 11252**

UNITED STATES OF AMERICA

PATENT. Registration n. 5985836

ACTIVE

Denomination: ALPHA-1 PROTEINASE INHIBITOR BINDING PEPTIDES  
 Filing Date: Jul 31, 1998  
 Granting Date: Nov 16, 1999  
 Next Payment: Jul 31, 2018

**Case: 11233**

UNITED STATES OF AMERICA

PATENT. Registration n. 8268782 B2

ACTIVE

Denomination: COMPOSITION AND METHOD FOR PREPARING PLASMINOGEN  
 Filing Date: Mar 06, 2009  
 Granting Date: Sep 18, 2012  
 Next Payment: Mar 18, 2016

**Case: 11146/11**

Y/Ref.: 2008-039/40

UNITED STATES OF AMERICA

PATENT. Application n. 13/504783

ACTIVE

Denomination: COMPOSITION, METHOD AND KIT FOR ALPHA-1 PROTEINASE INHIBITOR  
 Filing Date: Apr 27, 2012  
 Granting Date: Pending  
 Next Payment: Pending

**Case: 11417**

UNITED STATES OF AMERICA

PATENT. Application n. 12/995447

ACTIVE

Denomination: COMPOSITION, METHOD AND KIT FOR PREPARING PLASMIN  
 Filing Date: Mar 18, 2011  
 Granting Date: Dec 31, 2013  
 Next Payment: Jun 30, 2017

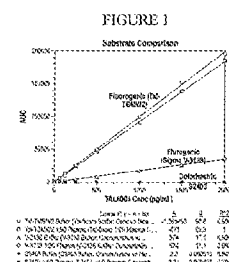
**Case: 11162**

UNITED STATES OF AMERICA

PATENT. Application n. 13/145875

ACTIVE

Denomination: COMPOSITIONS, KITS AND METHODS FOR DETERMINING PLASMIN ACTIVITY  
 Filing Date: Sep 14, 2011  
 Granting Date: Pending  
 Next Payment: Pending



**Case: 11299**

UNITED STATES OF AMERICA

PATENT. Application n. 13/147491

ACTIVE

Denomination: COMPOSITIONS, METHODS AND KITS FOR PREPARING PLASMINOGEN AND PLASMIN PREPARED THEREFROM  
 Filing Date: Sep 23, 2011  
 Granting Date: Pending  
 Next Payment: Pending

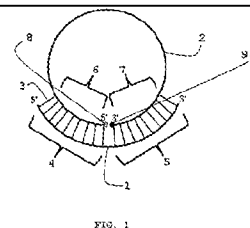
**Listado de expedientes**

**Case: 12325/2**

UNITED STATES OF AMERICA  
 PATENT. Application n. 14/237746

CONFIRM RECORD

Denomination: COMPOSITIONS, METHODS, AND KITS FOR NUCLEIC ACID  
 HYBRIDIZATION  
 Filing Date: Feb 07, 2014  
 Granting Date: Pending  
 Next Payment: Pending



**Case: 12083**

UNITED STATES OF AMERICA  
 PATENT. Application n. 13/262269

ACTIVE

Denomination: DEVICE FOR MAINTAINING STERILE INTEGRITY OF CONNECTED FLUID  
 PATHWAYS  
 Filing Date: Dec 16, 2011  
 Granting Date: Pending  
 Next Payment: Pending

**Case: 13858**

UNITED STATES OF AMERICA  
 PATENT. Application n. 14/053245

ACTIVE

Denomination: HUMAN ERYTHROVIRUS  
 Filing Date: Oct 14, 2013  
 Granting Date: Pending  
 Next Payment: Pending

**Case: 11163**

UNITED STATES OF AMERICA  
 PATENT. Application n. 12/724032

ACTIVE

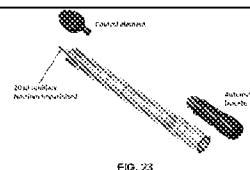
Denomination: HUMAN ERYTHROVIRUS  
 Filing Date: Mar 15, 2010  
 Granting Date: Pending  
 Next Payment: Pending

**Case: 12090/6**

UNITED STATES OF AMERICA  
 PATENT. Application n. 13/823505

ACTIVE

Denomination: IMMUNOCHROMATOGRAPHY DEVICES, METHODS AND KITS  
 Filing Date: Mar 14, 2013  
 Granting Date: Pending  
 Next Payment: Pending



**Case: 11285**

UNITED STATES OF AMERICA  
 PATENT. Registration n. 5561115

ACTIVE

Denomination: LOW TEMPERATURE ALBUMIN FRACTIONATION USING SODIUM  
 CAPRYLATE AS A PARTITIONING AGENT  
 Filing Date: Aug 10, 1994  
 Granting Date: Oct 01, 1996  
 Next Payment: Aug 10, 2014

**Listado de expedientes**

---

**Case:** 11965/11 Y/Ref.: 2008-026

UNITED STATES OF AMERICA

PATENT. Application n. 13/510401

ACTIVE

Denomination: LYOPHILIZATION METHODS, COMPOSITIONS, AND KITS

Filing Date: May 17, 2012

Granting Date: Feb 11, 2014

Next Payment: Aug 11, 2017

---

**Case:** 11274

UNITED STATES OF AMERICA

PATENT. Registration n. 5911165

ACTIVE

Denomination: METHOD AND DEVICE FOR MECHANICAL TESTING OF FIBRIN GLUE  
STRENGTH

Filing Date: May 29, 1997

Granting Date: Jun 08, 1999

Next Payment: May 29, 2017

---

**Case:** 11165

UNITED STATES OF AMERICA

PATENT. Registration n. 8560246

ACTIVE

Denomination: METHOD FOR ADJUSTING RESULTS OF A POLYMERASE CHAIN REACTION  
(PCR) INSTRUMENT

Filing Date: Sep 14, 2010

Granting Date: Oct 15, 2013

Next Payment: Apr 15, 2017

---

**Case:** 11158

UNITED STATES OF AMERICA

PATENT. Registration n. 8075175

ACTIVE

Denomination: METHOD FOR MELTING FROZEN, WATER-CONTAINING PRODUCTS IN A  
MIXER

Filing Date: Feb 01, 2007

Granting Date: Dec 13, 2011

Next Payment: Jun 13, 2015

---

**Case:** 11248

UNITED STATES OF AMERICA

PATENT. Registration n. 6462180

ACTIVE

Denomination: METHOD OF PREPARING ALPHA-1 PROTEINASE INHIBITOR

Filing Date: Nov 24, 1999

Granting Date: Oct 08, 2002

Next Payment: Apr 08, 2014

---

**Case:** 12362

UNITED STATES OF AMERICA

PATENT. Application n. 13/567678

ACTIVE

Denomination: METHOD OF PREPARING ALPHA-1 PROTEINASE INHIBITOR

Filing Date: Aug 06, 2012

Granting Date: Pending

Next Payment: Pending

**Listado de expedientes**

---

**Case: 11239**

UNITED STATES OF AMERICA

PATENT. Registration n. 6355243

ACTIVE

Denomination: METHOD OF THROMBOLYSIS BY LOCAL DELIVERY OF ACTIVE PLASMIN

Filing Date: Nov 13, 1999

Granting Date: Mar 12, 2002

Next Payment: Nov 13, 2019

---

**Case: 11246**

UNITED STATES OF AMERICA

PATENT. Registration n. 6964764

ACTIVE

Denomination: METHOD OF THROMBOLYSIS BY LOCAL DELIVERY OF REVERSIBLY  
INACTIVATED ACIDIFIED PLASMIN

Filing Date: May 10, 2002

Granting Date: Nov 15, 2005

Next Payment: May 15, 2017

---

**Case: 11234**

UNITED STATES OF AMERICA

PATENT. Registration n. 6969515

ACTIVE

Denomination: METHOD OF THROMBOLYSIS BY LOCAL DELIVERY OF REVERSIBLY  
INACTIVATED ACIDIFIED PLASMIN

Filing Date: Oct 25, 2002

Granting Date: Nov 29, 2005

Next Payment: May 29, 2017

---

**Case: 11206**

UNITED STATES OF AMERICA

PATENT. Application n. 12/162532

ACTIVE

Denomination: METHOD OF TREATMENT AND PROPHYLAXIS OF DISEASES RELATED TO  
AMYLOID DEPOSITION USING IGM

Filing Date: May 07, 2009

Granting Date: Pending

Next Payment: Pending

---

**Case: 11167**

UNITED STATES OF AMERICA

PATENT. Application n. 12/741030

ACTIVE

Denomination: METHOD, COMPOSITION, AND ARTICLE OF MANUFACTURE FOR  
PROVIDING ALPHA-1 ANTITRYPSIN

Filing Date: Sep 14, 2010

Granting Date: Pending

Next Payment: Pending

---

**Case: 11518**

UNITED STATES OF AMERICA

PATENT. Application n. 13/169061

ACTIVE

Denomination: METHODS AND COMPOSITIONS FOR HEPATITIS C VIRUS

Filing Date: Jun 27, 2011

Granting Date: Pending

Next Payment: Pending

**Listado de expedientes**

---

**Case: 11300**

UNITED STATES OF AMERICA

PATENT. Application n. 13/033507

ACTIVE

Denomination: METHODS, COMPOSITIONS AND KITS FOR DETERMINING HUMAN  
IMMUNIDEFICIENCY (HIV)

Filing Date: Feb 23, 2011

Granting Date: Pending

Next Payment: Pending

---

**Case: 12236/7**

UNITED STATES OF AMERICA

PATENT. Application n. 14/119563

ACTIVE

Denomination: METHODS, COMPOSITIONS AND KITS FOR DETERMINING HUMAN  
IMMUNODEFICIENCY VIRUS (HIV)

Filing Date: Nov 22, 2013

Granting Date: Pending

Next Payment: Pending

---

**Case: 11307**

UNITED STATES OF AMERICA

PATENT. Application n. 61/497234

ACTIVE

Denomination: METHODS, COMPOSITIONS AND KITS FOR DETERMINING HUMAN  
IMMUNODEFICIENCY VIRUS (HIV)

Filing Date: Jun 15, 2011

Granting Date: Pending

Next Payment: Pending

---

**Case: 11519**

UNITED STATES OF AMERICA

PATENT. Application n. 61/526773

ACTIVE

Denomination: METHODS, COMPOSITIONS AND KITS FOR NUCLEIC ACID  
HYBRIDIZATION

Filing Date: Aug 24, 2011

Granting Date: Pending

Next Payment: Pending

---

**Case: 12326/4**

UNITED STATES OF AMERICA

PATENT. Application n. 14/126269

ACTIVE

Denomination: METHODS, COMPOSITIONS, AND KITS FOR DETERMINING HEPATITIS A  
VIRUS

Filing Date: Dec 13, 2013

Granting Date: Pending

Next Payment: Pending

---

**Case: 12086**

UNITED STATES OF AMERICA

PATENT. Application n. 61/531818

ACTIVE

Denomination: METHOS, COMPOSITIONS AND KITS FOR DETERMINING HEPATITIS A  
VIRUS

Filing Date: Sep 07, 2011

Granting Date: Pending

Next Payment: Pending

**Listado de expedientes**

---

**Case: 11275**

UNITED STATES OF AMERICA

PATENT. Registration n. 5783663

ACTIVE

Denomination: PEPTIDE LIGANDS FOR AFFINITY PURIFICATION OF FIBRINOGEN

Filing Date: Jan 23, 1998

Granting Date: Jul 21, 1998

Next Payment: Jan 23, 2018

---

**Case: 11261**

UNITED STATES OF AMERICA

PATENT. Registration n. 5831003

ACTIVE

Denomination: PEPTIDES WHICH BIND TO PROTHROMBIN AND THROMBIN

Filing Date: Jun 28, 1996

Granting Date: Nov 03, 1998

Next Payment: Jun 28, 2016

---

**Case: 11232**

UNITED STATES OF AMERICA

PATENT. Registration n. 7544500

ACTIVE

Denomination: PROCESS FOR THE PRODUCTION OF A REVERSIBLY INACTIVE ACIDIFIED PLASMIN COMPOSITION

Filing Date: Oct 23, 2003

Granting Date: Jun 09, 2009

Next Payment: Dec 09, 2016

---

**Case: 11276**

UNITED STATES OF AMERICA

PATENT. Registration n. 5610285

ACTIVE

Denomination: PURIFICATION OF .ALPHA.-1 PROTEINASE INHIBITOR USING NOVEL CHROMATOGRAPHIC SEPARATION CONDITIONS

Filing Date: Aug 24, 1994

Granting Date: Mar 11, 1997

Next Payment: Aug 24, 2014

---

**Case: 11207**

UNITED STATES OF AMERICA

PATENT. Registration n. 8231869

ACTIVE

Denomination: RECOMBINANT PLASMIN FOR OPHTHALMIC INDICATIONS

Filing Date: Mar 23, 2009

Granting Date: Jul 31, 2012

Next Payment: Jan 31, 2016

---

**Case: 11189**

UNITED STATES OF AMERICA

PATENT. Registration n. 8101394

ACTIVE

Denomination: RECOMBINANTLY MODIFIED PLASMIN

Filing Date: Sep 16, 2010

Granting Date: Jan 24, 2012

Next Payment: Jul 24, 2015

---

**Case: 12242**

Y/Ref.: 2006-011

UNITED STATES OF AMERICA

PATENT. Registration n. 8512980

ACTIVE

Denomination: RECOMBINANTLY MODIFIED PLASMIN

Filing Date: May 03, 2012

Granting Date: Aug 20, 2013

Next Payment: Feb 20, 2017

**Listado de expedientes**

**Case: 12082**

UNITED STATES OF AMERICA

PATENT. Registration n. 8420079

ACTIVE

Denomination: RECOMBINANTLY MODIFIED PLASMIN

Filing Date: Sep 01, 2011

Granting Date: Apr 16, 2013

Next Payment: Oct 16, 2016

**Case: 12080**

UNITED STATES OF AMERICA

PATENT. Registration n. 8182808

ACTIVE

Denomination: RECOMBINANTLY MODIFIED PLASMIN

Filing Date: Nov 22, 2011

Granting Date: May 22, 2012

Next Payment: Nov 22, 2015

**Case: 11334**

UNITED STATES OF AMERICA

PATENT. Registration n. 8034913

ACTIVE

Denomination: RECOMBINANTLY MODIFIED PLASMIN

Filing Date: Oct 17, 2006

Granting Date: Oct 11, 2011

Next Payment: Apr 11, 2015

**Case: 11243**

UNITED STATES OF AMERICA

PATENT. Registration n. 7871608

ACTIVE

Denomination: REVERSIBLY INACTIVATED ACIDIFIED PLASMIN

Filing Date: Aug 25, 2008

Granting Date: Jan 18, 2011

Next Payment: Jul 18, 2014

**Case: 11147/15**

UNITED STATES OF AMERICA

PATENT. Application n. 13/581697

ACTIVE

Denomination: THERAPEUTIC DELIVERY DEVICES, SYSTEMS, AND METHODS

Filing Date: Aug 29, 2012

Granting Date: Pending

Next Payment: Pending

**Case: 13570**

Y/Ref.: 2012-12

UNITED STATES OF AMERICA

PATENT. Application n. 13/859395

ACTIVE

Denomination: THERAPEUTIC DELIVERY DEVICES, SYSTEMS, AND METHODS

Filing Date: Apr 09, 2013

Granting Date: Pending

Next Payment: Pending

**Case: 11205**

UNITED STATES OF AMERICA

PATENT. Application n. 12/937454

ACTIVE

Denomination: TWO-STAGE ULTRAFILTRATION/DIAFILTRATION

Filing Date: May 20, 2011

Granting Date: Pending

Next Payment: Pending

**Listado de expedientes**

---

**Case:** 11148/11      Y/Ref.: 2008-040

UNITED STATES OF AMERICA

PATENT. Application n. 13/509309

ACTIVE

Denomination:      VON WILLEBRAND FACTOR (VWF)-CONTAINING PREPARATIONS, AND  
METHODS, KITS AND USES RELATED THERETO

Filing Date:      May 11, 2012

Granting Date:      Pending

Next Payment:      Pending



**Client: 43131140 BAYER HEALTHCARE LLC**  
**Country: UNITED STATES OF AMERICA**

**Case: 12416**

UNITED STATES OF AMERICA  
PATENT. Registration n. RE44558E

ACTIVE

Denomination: CHROMATOGRAPHIC METHOD FOR HIGH YIELD PURIFICATION AND  
VIRAL INACTIVATION OF ANTIBODIES  
Filing Date: Jul 19, 2012  
Granting Date: Oct 22, 2013  
Next Payment: Apr 22, 2017



FIG. 1

**Client: 43131290 GRIFOLS INC.**  
**Country: UNITED STATES OF AMERICA**

---

**Case: 7812**

UNITED STATES OF AMERICA  
PATENT. Registration n. 5659017 ACTIVE

Denomination: ANION EXCHANGE PROCESS FOR THE PURIFICATION OF FACTOR VIII  
Filing Date: Nov 07, 1995  
Granting Date: Aug 19, 1997  
Next Payment: Nov 07, 2015

---

**Case: 7828**

Y/Ref.: IgG proceso 2 etapas

UNITED STATES OF AMERICA  
PATENT. Registration n. 6162904 ACTIVE

Denomination: MANUFACTURING METHOD FOR INTRAVENEOUSLY ADMINISTRABLE  
IMMUNE GLOBULIN AND RESULTANT PRODUCT  
Filing Date: Oct 21, 1999  
Granting Date: Dec 19, 2000  
Next Payment: Dec 24, 2017

---

**Case: 7825**

UNITED STATES OF AMERICA  
PATENT. Registration n. 5744586 ACTIVE

Denomination: MANUFACTURING PROCESS FOR THE PRODUCTION OF PURIFIED  
TRANSFERRIN  
Filing Date: Jun 26, 1996  
Granting Date: Apr 28, 1998  
Next Payment: Jun 26, 2016

---

**Case: 7824**

UNITED STATES OF AMERICA  
PATENT. Registration n. 6566504 ACTIVE

Denomination: PROCESS FOR VIRAL INACTIVATION OF LYOPHILIZED BLOOD PROTEINS  
Filing Date: Jun 28, 2001  
Granting Date: May 20, 2003  
Next Payment: Nov 20, 2014

**Client: 43126628 NOVARTIS VACCINES AND DIAGNOSTICS, INC.**  
**Country: UNITED STATES OF AMERICA**

---

**Case: 14641**

UNITED STATES OF AMERICA  
PATENT. Registration n. 6261764 ACTIVE

Denomination: BUFFERS FOR STABILIZING ANTIGENS  
Filing Date: Sep 22, 1998  
Granting Date: Jul 17, 2001  
Next Payment: Sep 22, 2018

---

**Case: 14492**

UNITED STATES OF AMERICA  
PATENT. Registration n. 6660471 ACTIVE

Denomination: ENHANCED REPLICATION OF HCV RNA  
Filing Date: Aug 03, 2001  
Granting Date: Dec 09, 2003  
Next Payment: Jun 09, 2015

---

**Case: 14617**

UNITED STATES OF AMERICA  
PATENT. Registration n. 7183107 ACTIVE

Denomination: ENHANCED REPLICATION OF HCV RNA  
Filing Date: Oct 14, 2003  
Granting Date: Feb 27, 2007  
Next Payment: Aug 27, 2014

---

**Case: 14446**

UNITED STATES OF AMERICA  
PATENT. Registration n. 7439058 ACTIVE

Denomination: HBV/HCV VIRUS-LIKE PARTICLE  
Filing Date: Nov 17, 2003  
Granting Date: Oct 21, 2008  
Next Payment: Apr 21, 2016

---

**Case: 14445**

UNITED STATES OF AMERICA  
PATENT. Registration n. 6740323 ACTIVE

Denomination: HBV/HCV VIRUS-LIKE PARTICLE  
Filing Date: Nov 22, 2000  
Granting Date: May 25, 2004  
Next Payment: Nov 25, 2015

---

**Case: 14618**

UNITED STATES OF AMERICA  
PATENT. Registration n. 7166426 ACTIVE

Denomination: HCV ASSAY  
Filing Date: Sep 08, 2003  
Granting Date: Jan 23, 2007  
Next Payment: Jul 23, 2014

**Listado de expedientes**

---

**Case: 14650**

UNITED STATES OF AMERICA

PATENT. Registration n. 7871625

ACTIVE

Denomination: HCV MULTIPLE EPITOPE FUSION ANTIGENS WITH MODIFIED  
PROTEOLYTIC CLEAVAGE SITES AND USES THEREOF

Filing Date: Mar 17, 2008

Granting Date: Jan 18, 2011

Next Payment: Jul 18, 2014

---

**Case: 14649**

UNITED STATES OF AMERICA

PATENT. Registration n. 7491808

ACTIVE

Denomination: HCV NON-STRUCTURAL PROTEIN MUTANTS AND USES THEREOF

Filing Date: Aug 26, 2005

Granting Date: Feb 17, 2009

Next Payment: Aug 17, 2016

---

**Case: 14646**

UNITED STATES OF AMERICA

PATENT. Registration n. 6942965

ACTIVE

Denomination: HEPATITIS A VIRUS NUCLEOTIDE SEQUENCES, RECOMBINANT PROTEINS  
AND USES THEREOF

Filing Date: Oct 15, 2002

Granting Date: Sep 13, 2005

Next Payment: Mar 13, 2017

---

**Case: 14643**

UNITED STATES OF AMERICA

PATENT. Registration n. 7108967

ACTIVE

Denomination: HEPATITIS C VIRAL ANTIGEN IMMUNOASSAY DETECTION SYSTEMS

Filing Date: Apr 07, 2004

Granting Date: Sep 19, 2006

Next Payment: Mar 19, 2014

---

**Case: 14426**

UNITED STATES OF AMERICA

PATENT. Registration n. 6428792

ACTIVE

Denomination: HEPATITIS C VIRUS MULTIPLE COPY EPITOPE FUSION ANTIGENS

Filing Date: May 20, 1997

Granting Date: Aug 06, 2002

Next Payment: Feb 06, 2014

---

**Case: 14443**

UNITED STATES OF AMERICA

PATENT. Application n. 13/301599

ACTIVE

Denomination: IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE CAPTURE,  
DETECTION AND QUANTITATION OF HEPATITIS A VIRAL NUCLEIC ACID

Filing Date: Nov 21, 2011

Granting Date: Pending

Next Payment: Pending

**Listado de expedientes**

---

**Case: 14653**

UNITED STATES OF AMERICA

PATENT. Registration n. 7807813

ACTIVE

Denomination: IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE CAPTURE,  
DETECTION AND QUANTITATION OF WEST NILE VIRUS

Filing Date: Oct 20, 2006

Granting Date: Oct 05, 2010

Next Payment: Apr 05, 2014

---

**Case: 14652**

UNITED STATES OF AMERICA

PATENT. Registration n. 7927839

ACTIVE

Denomination: IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE CAPTURE,  
DETECTION AND QUANTITATION OF WEST NILE VIRUS

Filing Date: Oct 20, 2006

Granting Date: Apr 19, 2011

Next Payment: Oct 19, 2014

---

**Case: 14651**

UNITED STATES OF AMERICA

PATENT. Registration n. 8551706

ACTIVE

Denomination: IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE CAPTURE,  
DETECTION AND QUANTITATION OF WEST NILE VIRUS

Filing Date: Apr 15, 2011

Granting Date: Oct 08, 2013

Next Payment: Apr 08, 2017

---

**Case: 14639**

UNITED STATES OF AMERICA

PATENT. Registration n. 7241879

ACTIVE

Denomination: IMMUNOASSAYS FOR ANTI-HCV ANTIBODIES

Filing Date: Jul 26, 2004

Granting Date: Jul 10, 2007

Next Payment: Jan 10, 2015

---

**Case: 14172**

UNITED STATES OF AMERICA

PATENT. Registration n. 7198923

ACTIVE

Denomination: METHOD FOR THE PREPARATION OF PURIFIED HCV RNA BY EXOSOME  
SEPARATION

Filing Date: Feb 26, 2003

Granting Date: Apr 03, 2007

Next Payment: Oct 03, 2014

---

**Case: 14425**

UNITED STATES OF AMERICA

PATENT. Registration n. 6416944

ACTIVE

Denomination: METHODS OF TYPING HEPATITIS C VIRUS AND REAGENTS FOR USE  
THEREIN

Filing Date: May 11, 1995

Granting Date: Jul 09, 2002

Next Payment: Jul 09, 2019

**Listado de expedientes**

---

**Case: 14419**

UNITED STATES OF AMERICA

PATENT. Registration n. 6054264

ACTIVE

Denomination: METHODS OF TYPING HEPATITIS C VIRUS AND REAGENTS FOR USE THEREIN

Filing Date: Nov 09, 1994

Granting Date: Apr 25, 2000

Next Payment: Apr 25, 2017

---

**Case: 14637**

UNITED STATES OF AMERICA

PATENT. Registration n. 6797809

ACTIVE

Denomination: MULTIPLE FUSION ANTIGENS FOR USE IN IMMUNOASSAYS FOR ANTI-HCV ANTIBODIES

Filing Date: Aug 08, 2003

Granting Date: Sep 28, 2004

Next Payment: Mar 28, 2016

---

**Case: 14623**

UNITED STATES OF AMERICA

PATENT. Registration n. 7319144

ACTIVE

Denomination: POLYNUCLEOTIDES ENCODING A MULTIPLE EPITOPE FUSION ANTIGEN FOR USE IN AN HCV ANTIGEN/ANTIBODY COMBINATION ASSAY

Filing Date: Aug 19, 2003

Granting Date: Jan 15, 2008

Next Payment: Jul 15, 2015

---

**Case: 14057**

UNITED STATES OF AMERICA

PATENT. Registration n. 7807438

ACTIVE

Denomination: PREPARATION OF PURIFIED EXOSOMES COMPRISING HCV RNA

Filing Date: Jan 30, 2007

Granting Date: Oct 05, 2010

Next Payment: Apr 05, 2014

---

**Case: 14566**

UNITED STATES OF AMERICA

PATENT. Registration n. 7439040

ACTIVE

Denomination: PROTEASE REGULATOR SCREENING ASSAY

Filing Date: Aug 01, 2005

Granting Date: Oct 21, 2008

Next Payment: Apr 21, 2016

---

**Case: 14648**

UNITED STATES OF AMERICA

PATENT. Registration n. 8173375

ACTIVE

Denomination: RABBIT MONOCLONAL ANTIBODIES TO HEPATITIS B SURFACE ANTIGENS AND METHODS OF USING THE SAME

Filing Date: Oct 27, 2008

Granting Date: May 08, 2012

Next Payment: Nov 08, 2015

**Listado de expedientes**

---

**Case: 14647**

UNITED STATES OF AMERICA

PATENT. Registration n. 7563873

ACTIVE

Denomination: RABBIT MONOCLONAL ANTIBODIES TO HEPATITIS B SURFACE ANTIGENS  
AND METHODS OF USING THE SAME

Filing Date: Jun 07, 2005

Granting Date: Jul 21, 2009

Next Payment: Jan 21, 2017

---

**Case: 14621**

UNITED STATES OF AMERICA

PATENT. Registration n. 5612453

ACTIVE

Denomination: SELECTED PEPTIDES OF THE GROUP-SPECIFIED ANTIGEN (GAG) OF  
HUMAN IMMUNODEFICIENCY VIRUS (HIV), THE PREPARATION AND USE  
THEREOF

Filing Date: Dec 13, 1994

Granting Date: Mar 18, 1997

Next Payment: Mar 18, 2014

---

**Case: 14635**

UNITED STATES OF AMERICA

PATENT. Registration n. 7657385

ACTIVE

Denomination: STRUCTURE-BASED HEPATITIS C VIRUS DRUG DESIGN

Filing Date: Apr 22, 2003

Granting Date: Feb 02, 2010

Next Payment: Aug 02, 2017

**Client: 43121194 CHIRON CORPORATION**

**Country: UNITED STATES OF AMERICA**

---

**Case: 14642**

UNITED STATES OF AMERICA

PATENT. Registration n. 6537745

ACTIVE

Denomination: BUFFERS FOR STABILIZING ANTIGENS

Filing Date: Feb 02, 2001

Granting Date: Mar 25, 2003

Next Payment: Sep 25, 2014

---

**Case: 14640**

UNITED STATES OF AMERICA

PATENT. Registration n. 6936442

ACTIVE

Denomination: DIAGNOSTIC ASSAYS FOR PARVOVIRUS B19

Filing Date: Jun 28, 2002

Granting Date: Aug 30, 2005

Next Payment: Pending

---

**Case: 14622**

UNITED STATES OF AMERICA

PATENT. Registration n. 6630298

ACTIVE

Denomination: HCV ANTIGEN/ANTIBODY COMBINATION ASSAY

Filing Date: Jun 14, 2001

Granting Date: Oct 07, 2003

Next Payment: Apr 07, 2015

---

**Case: 14644**

UNITED STATES OF AMERICA

PATENT. Registration n. 6815160

ACTIVE

Denomination: HEPATITIS C VIRAL ANTIGEN IMMUNOASSAY DETECTION SYSTEMS

Filing Date: Jan 25, 2002

Granting Date: Nov 09, 2004

Next Payment: May 09, 2016

---

**Case: 14450**

UNITED STATES OF AMERICA

PATENT. Registration n. 6300056

ACTIVE

Denomination: HIV PROBES FOR USE IN SOLUTION PHASE SANDWICH HYBRIDIZATION ASSAYS

Filing Date: Dec 17, 1993

Granting Date: Oct 09, 2001

Next Payment: Oct 09, 2018

---

**Case: 14638**

UNITED STATES OF AMERICA

PATENT. Registration n. 6632601

ACTIVE

Denomination: IMMUNOASSAYS FOR ANTI-HCV ANTIBODIES

Filing Date: Jun 14, 2001

Granting Date: Oct 14, 2003

Next Payment: Apr 14, 2015



**Listado de expedientes**

---

**Case: 14645**

UNITED STATES OF AMERICA

PATENT. Registration n. 6391540

ACTIVE

Denomination: METHOD FOR DETECTING ANTIBODIES IN A SAMPLE

Filing Date: Sep 22, 1998

Granting Date: May 21, 2002

Next Payment: Sep 22, 2018

---

**Case: 14429**

UNITED STATES OF AMERICA

PATENT. Registration n. 6514731

ACTIVE

Denomination: METHODS FOR THE PREPARATION OF HEPATITIS C VIRUS MULTIPLE  
COPY EPITOPE FUSION ANTIGENS

Filing Date: May 24, 1996

Granting Date: Feb 04, 2003

Next Payment: Aug 04, 2014

---

**Case: 14636**

UNITED STATES OF AMERICA

PATENT. Registration n. 7252958

ACTIVE

Denomination: MODULATION OF TETRASPANIN FUNCTION

Filing Date: May 01, 2003

Granting Date: Aug 07, 2007

Next Payment: Feb 07, 2015

---

**Case: 14434**

UNITED STATES OF AMERICA

PATENT. Registration n. 7056658

ACTIVE

Denomination: MULTIPLE EPITOPE FUSION PROTEIN

Filing Date: Jun 17, 2002

Granting Date: Jun 06, 2006

Next Payment: Dec 06, 2017

---

**Case: 14620**

UNITED STATES OF AMERICA

PATENT. Registration n. 6924122

ACTIVE

Denomination: PROTEASE REGULATOR SCREENING ASSAY

Filing Date: Aug 20, 2002

Granting Date: Aug 02, 2005

Next Payment: Feb 02, 2017

---

**Case: 14207**

UNITED STATES OF AMERICA

PATENT. Registration n. 6436666

ACTIVE

Denomination: PROTEASE REGULATOR SCREENING ASSAY

Filing Date: Oct 17, 1997

Granting Date: Aug 20, 2002

Next Payment: Feb 20, 2014