

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	GE HEALTHCARE BIO-SCIENCES AB	12/18/2015
RECEIVING PARTY DATA		
Name:	GE HEALTHCARE BIO-PROCESS R&D AB	
Street Address:	BJORKGATAN 30	
City:	UPPSALA	
State/Country:	SWEDEN	
Postal Code:	S-751 84	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15308327
CORRESPONDENCE DATA		
Fax Number:	(414)721-2572	
<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>		
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ATTORNEY DOCKET NUMBER:	273810-6	
NAME OF SUBMITTER:	HEEJA YOO-WARREN	
SIGNATURE:	/Heeja Yoo-Warren/	
DATE SIGNED:	11/02/2016	
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Business Transfer Agreement

dated 18 December 2015

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Transfer of Chromatography Media Business



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SCHEDULES

Schedule F(a)	Intellectual Property Licence Agreement (Chromatography Media Business)
Schedule F(b)	Research and Development Agreement
Schedule F(c)	Intellectual Property Licence Agreement (Shared IPR)
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Schedule 1.1 C	Chromatography Media Business
Schedule 1.1 PS	Pro Forma Financial Statements
Schedule 2.1.1(a)	Transferred Intellectual Property Rights
Schedule 2.1.1(b)	Assumed Contracts
Schedule 2.1.1(c)	Shared Contracts

This **Business Transfer Agreement** is dated 18 December 2015 and made between:

- (1) **GE Healthcare Bio-Sciences AB**, Reg. No. 556108-1919, a limited liability company incorporated under the laws of Sweden; and having its registered office at 751 84 Uppsala ("**Bio-Sciences**"); and
- (2) **GE Healthcare BioProcess R&D AB**, Reg. No. 556707-7366, a limited liability company incorporated under the laws of Sweden; and having its registered office at Björkgatan 30, 751 84 Uppsala, (the "**Purchaser**").

Capitalized terms shall have the meaning ascribed to them in Clause 1.1 below.

BACKGROUND

- A. In addition to other business areas, Bio-Sciences conducts the Chromatography Media Business.
- B. Bio-Sciences is interested in divesting the Chromatography Media Business to the Purchaser and the Purchaser is interested in acquiring the Chromatography Media Business. The Business Transfer is carried out within the scope of a current internal reorganisation. The objectives of the internal reorganisation is to (i) increase the protection of the chromatography media business by ring-fencing it from potential third party claims and (ii) start the consolidation of the global IP of the chromatography media business and R&D funding of that IP within a single legal entity.
- C. The core of the Chromatography Media Business consists of the commercial product ownership of the products within the Chromatography Media Business and, accordingly, includes the Transferred Intellectual Property Rights attributable to the products within the Chromatography Media Business (including any additional thereto related Intellectual Property Right) and contracts related to such Transferred Intellectual Property Rights..
- D. The Purchaser will, at least initially, engage Bio-Sciences as its (i) manufacturer, (ii) research and development organization, and (iii) sales and distribution channel. In light thereof and for the sake of clarity, the Chromatography Media Business to be transferred to the Purchaser does not include any employees, fixed assets, real property, leases of premises, or sales contracts with customers.
- E. It is acknowledged that the Parties are companies within the same group of companies but both Parties are of the opinion that this Agreement is made on fair market terms and at arm's length.
- F. Simultaneously when signing this Agreement, Bio-Sciences and the Purchaser have undertaken to enter into the following agreements, all of which will enter into force at the Closing:
 - (a) an Intellectual Property Licence Agreement (Chromatography Media Business), Schedule F(a);
 - (b) a Research and Development Agreement, Schedule F(b);
 - (c) an Intellectual Property Licence Agreement (Shared IPR), Schedule F(c); and
 - (d) an Intra-Group Shared Services Agreement, Schedule F(d).

G. In view of the foregoing, the Parties hereby agree as follows.

1. DEFINITIONS AND INTERPRETATION

1.1 Definitions

“**Affiliate**” means with respect to any Person as of any time, (i) any other Person directly or indirectly controlled by or under the common control with that first-mentioned Person and (ii) any other Person(s) directly or indirectly controlling or jointly controlling such first-mentioned Person. For the purposes of this definition, “control” (including, with correlative meaning, the terms “controlling”, “controlled by” and “under the common control with”) means the possession, directly or indirectly, of the power to direct or cause the direction of management and policies of such Person through the ownership of more than fifty (50) per cent of the voting securities, by contract or otherwise.

“**Agreement**” means this business transfer agreement, including any schedules hereto, as it or they may be amended from time to time in accordance with the terms hereof.

“**Ancillary Agreements**” means the agreements referred to in item F in the background to this Agreement.

“**Assumed Contracts**” is defined in Clause 2.1.1(b).

“**Assumed and Shared Contracts**” means those Assumed Contracts that require Third Party Consent and the Shared Contracts, individually or jointly as the case may be.

“**Chromatography Media Business**” is defined in Schedule 1.1 C.

“**Business Assets**” is defined in Clause 2.1.1.

“**Business Day**” means a day (other than a Saturday or Sunday or public holiday) on which banks generally are open for business in Sweden, other than for internet banking services.

“**Business Liabilities**” is defined in Clause 2.2.1.

“**Business Transfer**” means the transfer of the Business Assets to, and the assumption of the Business Liabilities by, the Purchaser pursuant to this Agreement.

“**Cash**” means cash in hand or deposited in a bank, or checks, money orders, marketable securities, short-term instruments and other cash equivalents.

“**Claim**” means a claim made by the Purchaser under the Warranties.

“**Closing**” means the completion of the Business Transfer and the completion or waiver (if applicable) of the closing actions set forth in Clause 5.2.

“**Closing Date**” means 30 December 2015, provided, however, that all the Conditions Precedent have been satisfied or, if applicable, waived prior to such date and otherwise (i) the fifth (5th) Business Day after the date when all the Conditions Precedent have been satisfied or, if applicable, waived or (ii) such later date as the Parties may agree on in writing.

“**Conditions Precedent**” means the conditions precedent set forth in Clause 4.

"Confidential Information" means any and all information of any kind or nature whatsoever, whether written or oral, including, without limitation, financial information, trade secrets, customer lists and other proprietary business information, regarding the Purchaser, Bio-Sciences or any Affiliate of the Parties, or their respective products or services, which information is not known to the general public or to persons unaffiliated with the Purchaser, Bio-Sciences or any Affiliate of the Parties, as the case may be.

"Covenants" means the covenants set forth in Clause 7.

"Encumbrance" means any option, lien, mortgage, pledge, charge, retention of title, or other third party right or security interest of any kind or an agreement, arrangement or obligation to create any of the foregoing.

"GAAP" means generally accepted accounting principles, such as International Financial Reporting Standards as published by the International Financial Standards Board, (Sw. *"god redovisningssed"*) or any other similar standards.

"Intellectual Property Rights" means patents, trademarks, registered designs, copyrights and neighbouring rights, including data bases, Know-How and other rights of a similar kind in any part of the world whether registered or not, including applications for the registration of such rights.

"Know-How" means any trade secrets and confidential and proprietary industrial and commercial information and techniques in any form including, without limitation, drawings, formulae, test results, reports, project reports and testing procedures, instruction and training manuals, tables of operating conditions, lists and particulars of customers and suppliers and market forecasts.

"Liabilities" means any and all debts, liabilities and obligations, whether accrued or fixed, known or unknown, absolute or contingent, matured or un-matured or determined or determinable.

"Loss" means all direct and reasonably foreseeable indirect losses, deficits, liabilities, damages, costs and expenses (including reasonable settlement costs and reasonable legal, accounting and other expenses for investigating or defending any actions or threatened actions).

"Party (-ies)" means Bio-Sciences and the Purchaser, either individually or jointly as the case may be.

"Person" means any individual, legal entity or any other entity, including any authority.

"Pro Forma Financial Statements" means the pro forma financial statements enclosed hereto as Schedule 1.1 PS.

"Purchase Price" is defined in Clause 3.1.

"Purchaser" is defined in the preamble to this Agreement.

"Signing Date" means the date of the duly execution of this Agreement by the Parties.

"Shared Contracts" is defined in Clause 2.1.1(c).

"Tax Invoice" is defined in Clause 3.3.2(b).

“**Third Party Consent**” means any necessary approvals from a third party to transfer a contract to the Purchaser under this Agreement and, where relevant after such transfer, sub-license the Intellectual Property Rights back to Bio-Sciences where such sub-license is needed for Bio-Sciences’ continued operations.

“**Transferred Intellectual Property Rights**” is defined in Clause 2.1.1(a).

“**Warranties**” means all of the representations and warranties made by Bio-Sciences set out in Clause 6.1 .

1.2 Interpretation

1.2.1 Unless a contrary indication appears, any reference in this Agreement to:

- (a) a provision of law is a reference to that provision as amended or re-enacted; and
- (b) the singular includes the plural and vice versa.

1.2.2 Clause and schedule headings are for ease of reference only and shall not affect the construction of this Agreement.

1.2.3 References to clauses, paragraphs and schedules are references to clauses, paragraphs and schedules to this Agreement unless otherwise stated.

2. SALE AND PURCHASE

2.1 Business Assets

2.1.1 On the Closing Date, Bio-Sciences shall sell and transfer and the Purchaser shall purchase and acquire the following assets and rights pertaining to the Chromatography Media Business that are further specified in sub-clauses (a) and (c) in this Clause 2.1.1 (the “**Business Assets**”):

- (a) all Intellectual Property Rights listed or described in Schedule 2.1.1(a) (collectively the “**Transferred Intellectual Property Rights**”);
- (b) all of Bio-Sciences’ rights under the contracts listed in Schedule 2.1.1(b) (collectively the “**Assumed Contracts**”) to the extent they are not yet performed or discharged prior to the Closing Date. Notwithstanding the aforesaid, all receivables for license fees (royalties) attributable to time prior to 1 January 2016 shall be excluded (and thus be invoiced by Bio-Sciences);
- (c) such of Bio-Sciences’ rights under the contracts listed in Schedule 2.1.1(c) (collectively the “**Shared Contracts**”) that are attributable to the Chromatography Media Business and to the extent they are not yet performed or discharged prior to the Closing Date.

2.1.2 For the avoidance of doubt, no assets or rights other than those specified in sub-clauses (a) through (c) in Clause 2.1.1 are sold or assigned to the Purchaser under this Agreement, and the Parties specifically agree and acknowledge that the Business Transfer does not include:

- (a) any Cash, fixed assets, inventory or real property;

- (b) any contracts for sale of products or services; and
- (c) any accounts receivable (i.e. accounts receivable invoiced prior to Closing) attributable to the Chromatography Media Business (all such accounts receivable will be retained by Bio-Sciences).

2.2 Business Liabilities

2.2.1 On the Closing Date, Bio-Sciences shall sell and transfer and the Purchaser shall purchase and assume the Liabilities pertaining to the Chromatography Media Business that are further specified in sub-clauses (a) through (b) in this Clause 2.2.1 (the "**Business Liabilities**"):

- (a) all of Bio-Sciences' Liabilities arising under the Assumed Contracts to the extent they are not yet performed or discharged prior to the Closing Date. Notwithstanding the aforesaid, all payables for license fees (royalties) attributable to time prior to 1 January 2016 shall be excluded (and thus be paid by Bio-Sciences); and
- (b) all of Bio-Sciences' Liabilities arising under the Shared Contracts that are attributable to the Chromatography Media Business and to the extent they are not yet performed or discharged prior to the Closing Date.

2.2.2 For the avoidance of doubt, no Liabilities other than those specified in sub-clauses (a) through (b) in Clause 2.2.1 are accepted and assumed by the Purchaser under this Agreement. It is acknowledged that no employees shall be transferred to the Purchaser and, hence, no Liabilities attributable to employees shall be assumed by the Purchaser.

3. PURCHASE PRICE AND PAYMENT

3.1 Purchase Price

The total purchase price for the Chromatography Media Business consisting of the Business Assets and the Business Liabilities (the "**Purchase Price**") shall be Sixty Five Billion Seven Hundred Thirty-one Million SEK (65,731,000,000).

3.2 Payment of Purchase Price

Subject to Clause 4, the Purchaser shall pay the Purchase Price to Bio-Sciences on the Closing Date. The Purchase Price shall be paid by transfer of immediately available funds, without any set-off, withholding or counterclaim, to the bank account designated by Bio-Sciences.

3.3 VAT

3.3.1 The Parties agree and acknowledge:

- (a) that the Business Transfer constitutes a transfer of business that qualify as a VAT exempt transfer of a going concern in accordance with Chapter 3, Clause 25 of the Swedish VAT Act (Sw. *mervärdesskattelagen (1994:200)*); and
- (b) consequently, that VAT will not be levied on the Business Transfer.

3.3.2 If the Business Transfer, or any part thereof, is deemed as a taxable transaction from a VAT point of view by the tax authorities:

- (a) VAT shall be levied on the taxable part of the Business Transfer in accordance with applicable law; and
- (b) Bio-Sciences shall provide the Purchaser with a valid invoice that (i) specifically states the charged VAT, (ii) meets all requirements imposed by the tax authorities and (iii) meets all further conditions required to allow the Purchaser to obtain applicable tax relief, if available (the "Tax Invoice").

3.3.3 Upon receipt of a Tax Invoice, the Purchaser shall pay the VAT amount set out in the Tax Invoice to Bio-Sciences within ten (10) Business Days. For the sake of clarity, the Parties specifically agree and acknowledge that the Purchaser shall be under no obligation to pay any VAT under this Agreement to Bio-Sciences unless provided with a Tax Invoice.

4. CONDITIONS PRECEDENT

4.1 Conditions Precedent to the Purchaser's obligation to Close

The obligation of the Purchaser to proceed to the Closing shall be conditional upon each of the following being satisfied or waived by the Purchaser:

- (i) the performance by Bio-Sciences of all covenants set forth herein that are to be performed by Bio-Sciences prior to or on Closing (in particular the entering into the Ancillary Agreements as referred to in Clause 7.1.2);
- (ii) the Purchaser shall have received all of the items required to be delivered to it pursuant to Clause 5.2; and
- (iii) no order, decision or ruling of a court or regulatory authority shall have been made enjoining the completion of the transactions contemplated hereby.

4.2 Conditions Precedent to Bio-Sciences' obligations to Close

The obligation of Bio-Sciences to proceed to the Closing shall be conditional upon each of the following being satisfied or waived by Bio-Sciences:

- (i) the performance by the Purchaser of all covenants set forth herein that are to be performed by the Purchaser prior to or on Closing (such as, without limitation, the payment of the Purchase Price);
- (ii) Bio-Sciences shall have received all of the items required to be delivered to it pursuant to Clause 5.2; and
- (iii) no order, decision or ruling of a court or regulatory authority shall have been made enjoining the completion of the transactions contemplated hereby.

4.3 Drop dead date

In the event that not all of the conditions precedent set forth in Clauses 4.1 or 4.2 above have not been satisfied or waived by Bio-Sciences (in relation to the conditions set forth in Clause 4.2) or the Purchaser (in relation to the conditions set forth in Clause 4.1) on or before 31 December 2015 or if the Closing for any other reason has not occurred prior to such date, Bio-Sciences or the Purchaser (as applicable) shall be entitled to terminate this Agreement with immediate effect by giving written notice, provided that such termination will not affect any claims between the Parties arising prior to the date at which this Agreement is terminated (including claims related to a Party's failure to satisfy its conditions to Closing due to a failure to exercise appropriate efforts as required by Clauses 5.2 and 7.1).

5. CLOSING

5.1 Date, time and place

The Closing shall take place on the Closing Date starting at 09.00 (CET) at the Stockholm offices of Mannheimer Swartling Advokatbyrå.

5.2 Closing actions

5.2.1 At Closing, each of the Parties shall deliver the other Party the Closing Certificate, confirming that Closing has occurred under this Agreement.

5.2.2 At Closing, each of the Parties shall use its reasonable endeavours to take, or cause to be taken, all actions and to do, or cause to be done, all things necessary or desirable under applicable laws and regulations to consummate the Business Transfer, including, without limitation, signing any additional documents or instruments reasonably requested by the other Party.

5.3 Transfer of risk and title

5.3.1 Title to the Transferred Intellectual Property Rights shall pass and transfer to the Purchaser at the Closing, whereby it is acknowledged that in relation to certain patents registered outside Sweden certain registration activities may be required in order for the transfer to be enforceable as against third parties. In addition, it is further acknowledged that the community trademarks and community designs the transfer will be enforceable as against third parties only upon the completion of the registration referred to in Clause 7.2.1.

5.3.2 The rights and obligations under the Assumed Contracts that are not subject to any Third Party Consent (or which are subject to Third Party Consent but where such consent has been obtained prior to Closing), shall be deemed transferred to and assumed by the Purchaser at Closing.

5.3.3 The rights and obligations under the Assumed Contracts that are subject to any Third Party Consent and where such Third Party Consent has not been obtained prior to the Closing Date, shall be deemed not to have been transferred and assumed on the Closing Date but shall only be deemed transferred and assumed if and when such Third Party Consent has been obtained.

5.3.4 The rights and obligations under the Shared Contracts shall be deemed not to have been transferred and assumed on the Closing Date but shall only be deemed transferred and

assumed if and when the rights and obligations under such Shared Contracts attributable to the Chromatography Media Business have been separated from the other rights and obligations under such Shared Contracts and necessary Third Party Consent has been obtained.

5.4 Failure to complete Closing

5.4.1 If the Purchaser, on the one hand, or Bio-Sciences, on the other hand, fails to materially comply with any of its obligations under Clause 5.2, the non-defaulting Party shall be entitled in its sole discretion to:

- (a) terminate this Agreement, which, however, shall not prejudice the non-defaulting Party's right to indemnification with respect to the defaults which have occurred and shall not affect this Clause 5.4 or Clause 9, which shall survive such termination;
- (b) effect the Closing so far as is practicable which, however, shall not prejudice the non-defaulting Party's right to indemnification with respect to the defaults which have occurred; or
- (c) specify a new date for Closing, which shall be a Business Day no more than five (5) Business Days after the original Closing Date, in which case the provisions of this Clause 5.4 (except for this sub-clause (c)) shall apply to the Closing so deferred.

6. REPRESENTATIONS AND WARRANTIES

6.1 Representations and warranties of Bio-Sciences

Subject to the qualifications and limitations set forth in this Agreement, Bio-Sciences makes the following Warranties to the Purchaser. The Warranties are made on and as of the date hereof and as of Closing.

6.1.1 Authority

6.1.1.1 Bio-Sciences has full corporate power and authority to execute and deliver this Agreement and the Ancillary Agreements and each other agreement, document or instrument delivered in connection herewith and to consummate the transactions contemplated hereby and thereby.

6.1.1.2 Any documents or instruments executed by Bio-Sciences in connection with this Agreement (including the Ancillary Agreements) have been duly authorised and constitute binding obligations of, and are enforceable against, Bio-Sciences in accordance with their respective terms.

6.1.1.3 The execution by Bio-Sciences of this Agreement and any other document or instrument in connection with it, and the performance by Bio-Sciences of its obligations under the Agreement and the consummation of the transaction provided for in this Agreement, do not, and will not, result in a breach of any provision of the articles of association of Bio-Sciences.

6.1.2 Financial

6.1.2.1 The Pro Forma Financial Statements include a pro forma profit & loss statement for the period stated therein reflecting an estimate of the financial results of the Chromatography Media Business if such Chromatography Media Business had been a stand-alone business prior to the Closing Date. The Pro Forma Financial Statements have been prepared in good faith by Bio-Sciences with the objective of presenting a fair view of such financial results but both Parties acknowledge that the Pro Forma Financial Statements are pro forma and, accordingly, have not been possible to be prepared in accordance with GAAP.

6.1.2.2 With the exception of intellectual property matters, which are solely governed by Clause 6.1.4, the Business Assets and the Business Liabilities, together with the services provided by Bio-Sciences under the Ancillary Agreements are sufficient for conducting the Chromatography Media Business materially in the same manner as the Chromatography Media Business was conducted by Bio-Sciences in the twelve (12) months prior to Closing.

6.1.3 Litigation

6.1.3.1 There is no order, decree or judgement of any court or any government or agency of Sweden or any foreign country outstanding involving the Chromatography Media Business.

6.1.3.2 There is no litigation, investigation, arbitration, or tax proceeding attributable to the Chromatography Media Business pending or, to Bio-Sciences' knowledge, threatened by or against Bio-Sciences that could include the Purchaser or negatively impact the Chromatography Media Business save for the litigation referred to in Clause 7.2.8.

6.1.4 Intellectual Property Rights

6.1.4.1 All registered Intellectual Property Rights owned on the Signing Date, or acquired up to and including the Closing Date, by Bio-Sciences and attributable to the Chromatography Media Business are listed in Schedule 2.1.1(a). Bio-Sciences is the sole legal and beneficial owner of all such registered Intellectual Property Rights.

6.1.4.2 All, in Bio-Sciences' reasonable opinion, material unregistered Intellectual Property Rights owned by Bio-Sciences and attributable to the Chromatography Media Business are listed (or described) in Schedule 2.1.1(a). Bio-Sciences is the sole legal and beneficial owner of all such unregistered Intellectual Property Rights.

6.1.4.3 Save for such rights that are remaining with employees under applicable mandatory laws or national collective bargaining agreements, no Intellectual Property Rights used in the Chromatography Media Business are vested in any former or current employees.

6.1.4.4 The Transferred Intellectual Property Rights are not subject to any third party license rights except as granted under the Assumed and Shared Contracts.

6.1.4.5 To Bio-Sciences' knowledge, the Know-How included in the Transferred Intellectual Property Rights has been held confidential and duly protected in accordance with good industry practice and no third party has access to such Know-How except under any of the Assumed and Shared Contracts.

6.1.4.6 Save as set out in Clause 6.1.3.2 and to Bio-Sciences' knowledge, no third parties have made claims against Bio-Sciences that the Chromatography Media Business (and/or the

products within the Chromatography Media Business) infringe Intellectual Property Rights of a third party.

6.1.4.7 To Bio-Sciences' knowledge and save as set out in Clause 7.2.8, Bio-Sciences has not made any claims against third parties that the Transferred Intellectual Property Rights are being infringed upon by such third party.

6.1.4.8 To Bio-Sciences' knowledge, the Transferred Intellectual Property Rights are valid.

6.1.5 Agreements

6.1.5.1 To Bio-Sciences' knowledge, the Assumed and Shared Contracts have been entered into on fair market terms and on arm's length basis.

6.1.5.2 Bio-Sciences is not in default under any Assumed and Shared Contract, nor is, to Bio-Sciences' knowledge, any counterparty to an Assumed and Shared Contract in such default.

6.1.5.3 All Assumed Contracts and Shared Contracts are in full force and effect, and, to Bio-Sciences' knowledge, notice for termination of any Assumed Contract or Shared Contracts has not been given or received by Bio-Sciences.

6.1.6 No Encumbrances

None of the Business Assets are subject to any Encumbrance.

6.2 Representations and warranties of the Purchaser

The Purchaser represents and warrants as follows below. The representations and warranties are made on and as of the date hereof and as of Closing.

6.2.1 Corporate

6.2.1.1 The Purchaser has full corporate power and authority to execute and deliver this Agreement and the Ancillary Agreements and each other document or instrument delivered in connection herewith and to consummate the transactions contemplated hereby and thereby.

6.2.1.2 Any documents or instruments executed by the Purchaser in connection with this Agreement or any Ancillary Agreement have been (or will at Closing be) duly authorised and constitute binding obligations of, and are enforceable against, the Purchaser in accordance with their respective terms.

6.2.1.3 The execution by the Purchaser of this Agreement and any other document or instrument in connection with it, and the performance by the Purchaser of its obligations under this Agreement or any Ancillary Agreement do not, and will not, result in a breach of any provision of the articles of association of the Purchaser.

6.2.2 Financing

The Purchaser will on the Closing Date have sufficient cash, available lines of credit or other sources of immediately available funds to enable the Purchaser to make all payments it may be required to make under this Agreement.

7. COVENANTS

7.1 Covenants pending Closing

7.1.1 Conduct of the Chromatography Media Business between the date hereof and the Closing Date

Bio-Sciences undertakes to procure that between the date hereof and the Closing Date, the Chromatography Media Business shall, save as contemplated by this Agreement and except as otherwise agreed in writing by the Purchaser, such consent not to be unreasonably withheld or delayed, carry on the Chromatography Media Business as a going concern in the ordinary course and consistent with past practices with a view to maintaining the Chromatography Media Business as a going concern.

7.1.2 Entering into the Ancillary Agreement

Each of the Parties shall sign and enter into the Ancillary Agreements. The Parties acknowledge that such Ancillary Agreements are conditional upon the Closing occurring under this Agreement.

7.2 Covenants after Closing

7.2.1 Registration of transfer of certain Transferred Intellectual Property Rights

The Parties undertake to use their reasonable endeavours to take any and all actions reasonably required (including signing additional documents) in order to register, as soon as reasonably practical after the Closing Date, the transfer of the Transferred Intellectual Property Rights under applicable laws and regulations, including, without limitation, to register the transfer of the community trademarks and community designs. The Purchaser shall carry the costs for all such registrations and shall promptly upon Bio-Sciences' request reimburse Bio-Sciences for any such reasonable costs incurred by Bio-Sciences.

7.2.2 Third Party Consents and split of Shared Contracts

7.2.2.1 The Parties undertake to use their reasonable endeavours to obtain, as soon as reasonably practical after the Closing Date, any Third Party Consents and, in case of Shared Contracts implement an effective split of the Shared Contracts between the Parties, whereby the following shall apply:

- (a) Bio-Sciences shall be the party contacting third parties unless otherwise agreed by the Parties;
- (b) the Parties shall always keep each other informed of, as well as consult with each other regarding, any negotiations with relevant third parties; and
- (c) if any transfer fees or similar would be payable to obtain a Third Party Consent, each of the Purchaser and Bio-Sciences shall carry half of all costs for such transfer fees.

7.2.2.2 As set out in Clauses 5.3.3 and 5.3.4, immediately upon receipt of a Third Party Consent, the Assumed and Shared Contracts shall be deemed transferred to the Purchaser and, if requested by Bio-Sciences, the Purchaser or the third party, the Parties shall issue a written confirmation of the completion of the transfer of the Assumed and Shared Contract concerned.

- 7.2.2.3 Bio-Sciences shall not have any liability vis-à-vis Purchaser in relation to any non-obtained Third Party Consent provided Bio-Sciences have met its obligations in Clause 7.2.2.1.
- 7.2.3 Interim contract administration
- 7.2.3.1 Until the Third Party Consents have been obtained, and to the extent permitted under the relevant Assumed and Shared Contract, the following shall apply:
- (a) Bio-Sciences shall, as between the Parties, administer the relevant Assumed and Shared Contract;
 - (b) Bio-Sciences shall perform Bio-Sciences' undertakings under the relevant Assumed and Shared Contract on behalf of the Purchaser and Bio-Sciences shall grant the Purchaser the rights, use and benefits of such Assumed and Shared Contract;
 - (c) all revenues and costs attributable to the relevant Shared Contracts shall be allocated to the Purchaser instead of Bio-Sciences (except for any costs for administering the relevant Assumed and Shared Contracts pursuant to sub-clause (a), which shall be borne by Bio-Sciences); and
 - (d) Bio-Sciences shall use its reasonable endeavours to enforce the relevant Assumed and Shared Contract as directed by the Purchaser through Bio-Sciences.
- 7.2.3.2 Notwithstanding anything to the contrary in Clause 7.2.3.1, until the Third Party Consents have been obtained:
- (a) any contractual assets, rights, obligations and liabilities arising out of the relevant Assumed and Shared Contracts shall remain with Bio-Sciences in relation to the third parties; and
 - (b) the Purchaser shall be discharged from performing Bio-Sciences' undertakings under, or bearing the relevant costs in relation to, an Assumed and Shared Contract to the extent the associated rights, use or benefits (including revenues) cannot be granted or allocated to the Purchaser.
- 7.2.3.3 In relation to any actual payments to or from third parties under any Assumed and Shared Contract subject to Third Party Consent, the following shall apply until the Third Party Consent has been obtained:
- (a) Bio-Sciences shall forward any relevant invoices received without undue delay to the Purchaser and the Purchaser shall thereafter pay the invoice amount to Bio-Sciences without undue delay, provided that the Purchaser has no *bona fide* reasons to withhold payment, in order for Bio-Sciences to procure the payment to the third party;
 - (b) Bio-Sciences shall procure that any invoices in respect of the relevant Assumed and Shared Contract are paid following payment to Bio-Sciences by the Purchaser of such invoice amounts, unless it is possible for the Purchaser to directly pay such invoices to the third parties;
 - (c) if Bio-Sciences is charged any penalty payments due to late payment caused by the Purchaser, the Purchaser shall reimburse Bio-Sciences for such penalty payments;

- (d) the Parties shall use their reasonable endeavours in order to enable the Purchaser to directly receive any payments due from a third party; and
- (e) Bio-Sciences shall procure that any payments received from a third party are forwarded without undue delay to the Purchaser.

7.2.3.4 In relation to any VAT (and/or similar sales taxes) in respect of the administration of Assumed and Shared Contracts pursuant to Clause 7.2.3.1(a), the Parties shall use their reasonable endeavours in order to take such actions that are required in order to ensure that VAT does not become a final cost to Bio-Sciences or the Purchaser. If VAT would become a final cost to Bio-Sciences, the Purchaser shall reimburse Bio-Sciences for such cost.

7.2.4 Additional contracts and additional Intellectual Property Rights

7.2.4.1 The Parties acknowledge that there may be agreements which are exclusively attributable to the Chromatography Media Business but which have not been identified prior to the Signing Date and consequently have not been included in the Assumed Contracts (the "**Additional Assumed Contracts**") and similarly, also agreements partly attributable to the Chromatography Media Business which have not been identified prior to the Signing Date (the "**Additional Shared Contracts**").

7.2.4.2 Further, there may be other Intellectual Property Rights that are exclusively attributable to the Chromatography Media Business but that were not identified prior to the Signing Date and therefore were not included in the Transferred Intellectual Property Rights but that would have been included had they been identified prior to the Signing Date (the "**Additional Intellectual Property Rights**").

7.2.4.3 The Parties agree that any Additional Assumed Contracts, Additional Shared Contracts or Additional Intellectual Property Rights which may be identified after the Signing Date shall be treated between the Parties based on the following principles:

- (a) In respect of Additional Assumed Contracts, the Parties shall enter into an amendment of this Agreement for the purposes of effecting the transfer and assumption of any Additional Assumed Contracts;
- (b) In respect of Additional Shared Contracts, if it would be material to either Party, that the Purchaser assumes responsibility for those parts of an Additional Shared Contract that are attributable to the Chromatography Media Business, the Parties shall (i) use reasonable endeavours to assign, assume, and transfer those rights and liabilities under those contracts that are attributable to the Chromatography Media Business to the Purchaser, through the entering into by the Purchaser of a new agreement with the relevant third parties, thus releasing Bio-Sciences from those rights and obligations or (ii) establish back-to-back arrangements during the remainder of the ordinary term of such Additional Shared Contracts;
- (c) In respect of Additional Intellectual Property Rights, the Parties shall enter into an amendment of this Agreement for the purposes of transferring such additional items to the Purchaser;

in which case the provisions of Clause 7.2.3 of the Agreement shall apply *mutatis mutandis*; in each case provided that it would not be deemed to be in breach of the relevant Additional Assumed Contract or Additional Shared Contract.

7.2.5 Joint liability for Assumed Contracts and Shared Contracts

Each of the Parties agrees that, where required to complete the transfer of Assumed Contracts and/or Shared Contracts or where specifically requested by a third party to an Assumed Contract and/or Shared Contract, Bio-Sciences shall, jointly with the Purchaser, be liable for and in respect of any and all current or future obligations and liabilities incurred under the Assumed Contracts or Shared Contracts. Each of the Parties agrees that any liability incurred under this Clause 7.2.5 shall be finally settled in accordance with Clause 8.2.3.

7.2.6 Wrong pocketing

Each of the Parties agrees that after the Closing Date, the Purchaser and Bio-Sciences will hold on behalf of the other and will promptly transfer and deliver to the other, from time to time as and when received by them, any payments, cash, cheques, with appropriate endorsements, or other property that each of them may receive on or after the Closing Date which properly belongs to the other Party and will account to the other for all such receipts.

7.2.7 Release of guarantees

The Purchaser shall obtain the release, effective as of Closing, of Bio-Sciences from any guarantee, security, indemnity, bond, letter of comfort or other similar obligations given or incurred by Bio-Sciences to the extent attributable to the Chromatography Media Business.

7.2.8 Litigation

Patent infringement proceedings have been initiated in Canada relating to Canadian patents No. 2394369 and No. 2392611 included in the Transferred Intellectual Property Rights. The litigation concerns ProMetic's manufacturing of agarose beads by a spraying technology. The case is currently pending before a court of first instance and trial will take place in 2016. ProMetic has raised certain invalidity objections in course of the proceedings. Unless the Parties agree otherwise, Bio-Sciences shall remain a party to the litigation post-Closing and the Purchaser shall join such proceedings as a co-party on terms and conditions to be agreed in good faith between the Parties and in consultation with Canadian counsel representing Bio-Sciences in the litigation.

7.2.9 General assurance

The Parties shall use their reasonable endeavours to take, or cause to be taken, all actions and to do, or cause to be done all things necessary or desirable under applicable laws and regulations to consummate the Business Transfer in the event such need would arise after Closing.

7.2.10 Access to ConDocs, Magic and Apatrix

The Parties undertakes to notify GE Healthcare Bio-Sciences Corp. attention Amit Barkan, administrator of Magic and Wipro GE Healthcare Private Limited, attention Jayakrishnan, KG, administrator of ConDoc and Apatrix that the Purchaser, effective as of Closing, controls the access to the systems ConDoc, Magic and Apatrix respectively, and therefore has the right to block Bio-Sciences access to the Transferred Intellectual Property. Bio-Sciences shall not try to obstruct or circumvent such blocking.

7.2.11 Use of Know How

Bio-Sciences undertakes not to make use of or disclose to any third party any Know-How transferred under this Agreement after the Closing Date, unless and only to the extent permitted under the license agreement referred to in Clause F(a). Bio-Sciences acknowledges and fully accepts that the undertaking by Bio-Sciences in this Clause 7.2.10 has been an essential assumption (Sw. "*väsentlig förutsättning*") for the Purchaser when entering into this Agreement and when agreeing to pay the agreed Purchase Price.

8. INDEMNIFICATION

8.1 Breach of Warranties

In the event of a breach by Bio-Sciences of any of the Warranties, the Purchaser shall, subject to the qualifications and limitations set forth in this Agreement, as its sole and exclusive remedy, be entitled to a reduction or refund of the Purchase Price in an amount equal to the Losses sustained by the Purchaser. The reduction or refund of the Purchase Price for breach of any of the Warranties shall be made by an amount corresponding to the Losses sustained by the Purchaser.

8.2 Breach of Covenants and other undertakings; Specific indemnities

8.2.1 Each Party will indemnify and hold harmless the other Party against and in respect of any and all Losses incurred or suffered by the aggrieved Party that relate to (i) any of the breaching Party's breach of Covenant or other undertaking under this Agreement, and (ii) any misrepresentations and breach of warranties made by the Purchaser.

8.2.2 Bio-Sciences will indemnify and hold harmless the Purchaser against and in respect of any and all Losses incurred or suffered by the Purchaser that relate to Bio-Sciences' Liabilities that have not been assumed by the Purchaser under this Agreement.

8.2.3 The Purchaser will indemnify and hold harmless Bio-Sciences against and in respect of any and all Losses incurred or suffered by Bio-Sciences that relate to the Business Liabilities assumed by the Purchaser under this Agreement.

8.3 Other Rights and Remedies

The indemnification rights of the Purchaser under this Clause 8 are exclusive and sever the right to any other remedies the Purchaser may have at law or otherwise for misrepresentation, breach of warranty or failure to fulfil any agreement or covenant hereunder. Hence and without limiting the generality of the aforesaid, it is specifically agreed that no remedy whatsoever under the Sale of Goods Act (Sw. *Köplagen* (1990:931)) or under any other statute, law or legal principle, including (but not limited to) the right to rescind this Agreement, shall be available to the Purchaser except in the case of fraud, gross negligence, wilful misconduct or wilful concealment.

8.4 Limitation of Liability and Recovery

8.4.1 The Purchaser shall not be entitled to a reduction or refund of the Purchase Price unless the aggregated amount of all Claims which could otherwise be validly made under this Clause 8, exceeds SEK 100,000,000, in which case all Losses may be recoverable (*i.e.*, no deductible shall apply once Losses exceed SEK 100,000,000). However, the limitation of liability set forth in this Clause 8.4.1 shall not apply in relation to: (a) a breach of any of

the Warranties in Clause 6.1.1; or (b) claims arising as a result of any fraud, gross negligence, wilful misconduct or wilful concealment.

- 8.4.2 The aggregate liability of Bio-Sciences in respect of all Claims under the Warranties shall in no event exceed an amount corresponding to 20 per cent of the Purchase Price. However, the limitation of liability set forth in this Clause 8.4.2 shall not apply in relation to: (a) a breach of any of the Warranties in Clause 6.1.1; or (b) claims arising as a result of fraud, gross negligence, wilful misconduct or wilful concealment.
- 8.4.3 No Claim shall entitle the Purchaser to a reduction or refund of the Purchase Price unless notice in writing of any such Claim accompanied by reasonable particulars thereof specifying the nature of the Claim and, as far as practicable, the amount of the Claim (though failure to give prompt notice of the Claim will only adversely impact the Purchaser's ability to recover from Bio-Sciences if, and then only to the extent, such delay actually adversely impacts Bio-Sciences' defence of the Claim), has been given to Bio-Sciences reasonably promptly after the date when the Purchaser became aware of the circumstances giving rise to the Claim, and in any event no later than (a) eighteen (18) months after the Closing Date or, (b) if the Claim relates to Taxes, within ninety (90) days from the date when the Taxes in question have been subject to a final and non-appealable decision by the relevant tax authority or, (c) if the Claim relates to a breach of Clause 6.1.1, five years after the Closing Date.
- 8.4.4 For the purposes of this Agreement, a liability which is contingent shall not constitute a Loss unless and until such contingent liability becomes an actual liability and is due and payable. This provision shall not preclude the Purchaser from submitting a Claim within the relevant period set forth in Clause 8.4.3 subject to a further decision on the issue referred to herein.
- 8.4.5 If any Loss is a tax deductible item, the recoverable Loss shall be reduced by an amount equivalent to any net tax benefits actually achievable by the Purchaser (and also taking into account whether any reduction or refund of the Purchase Price or any indemnification amount will be taxable for the Purchaser).
- 8.4.6 Bio-Sciences shall have no liability if and to the extent that:
- (a) a Loss occurs as a result of the passing of any legislation not in force at the date hereof, or which takes effect with retroactive effect, or occurs as a result of any increase in the tax rate in force on the date hereof or any change in the generally established practise of the relevant tax authorities; or
 - (b) the Purchaser prior to Closing actually knew of a breach of Warranty; or
 - (c) a Loss is recoverable under an insurance policy or from a third party, provided Bio-Sciences will be responsible for (A) the Purchaser's costs in pursuing such claims for recovery, and (B) any increase in insurance premiums attributable to such recovery under an insurance policy; or
 - (d) a Loss would not have arisen but for an act, omission, (including the mitigation of costs and losses) or transaction carried out by the Purchaser, or persons deriving title from the Purchaser or the Company after the Closing Date, with the direct intent of creating a Claim, or due to a change in practices following Closing.

8.5 No additional warranties or representations

The Parties acknowledge that Bio-Sciences has not made, and the Purchaser has not relied on, any representation or warranty (express or implied) regarding the Business Assets and the Business Liabilities other than the Warranties and furthermore that no action or omission by Bio-Sciences or its representatives shall be construed as implying any other representation or warranty.

8.6 Mitigation of losses

In the event of a misrepresentation, breach of warranty, breach of covenant or breach of any other undertaking under this Agreement, the aggrieved Party shall use its reasonable endeavours to mitigate the losses, damages, costs, and expenses.

8.7 Third Party Claims

8.7.1 In the event that the Purchaser becomes aware of any fact or set of circumstances which are likely to give rise to a Third Party Claim, which could result in a Claim, the Purchaser shall, in order to preserve its right to bring a Claim against Bio-Sciences:

- (i) as soon as reasonably practicable give written notice of it to Bio-Sciences (though failure to give prompt notice of the Third Party Claim will only adversely impact the Purchaser's ability to recover from Bio-Sciences if, and then only to the extent, such delay actually adversely impacts Bio-Sciences' defence of the Third Party Claim);
- (ii) not make any admission of liability, agree to settle or compromise with any person, body or authority in relation to it, without first obtaining the prior written consent of Bio-Sciences, which consent shall not be unreasonably withheld or delayed;
- (iii) give Bio-Sciences, or Bio-Sciences' duly authorised representatives, the right, but not the obligation, to conduct and control, through counsel of its choosing, any Third Party Claim (but Bio-Sciences may only exercise the right to take over the defence of the Third Party Claim if Bio-Sciences agrees to accept liability for it and agrees to indemnify the Purchaser in respect of it); and Bio-Sciences may compromise or settle the same, provided that Bio-Sciences shall first consult with the Purchaser in respect of any proposed compromise or settlement, and provided further that Bio-Sciences may only settle or compromise such claim if Bio-Sciences assumes the responsibility for such settlement or compromise. If Bio-Sciences elects not to control or conduct the defence of a Third Party Claim, Bio-Sciences shall still have the right to participate in the defence or prosecution of any Third Party Claim and, at its own expense, to employ counsel of its own choosing for such purpose; and
- (iv) give reasonable access free of charge to the personnel of the Purchaser access to any relevant premises, accounts, documents and records within its possession and to take copies of them, in order to enable Bio-Sciences, or Bio-Sciences' duly authorised representatives, to examine the basis of, conduct the defence of, or follow the defence of, the Third Party Claim.

9. MISCELLANEOUS

9.1 Assignments

Neither Party may, wholly or partly, assign, pledge or otherwise dispose of its rights and/or obligations under this Agreement without the other Party's prior written consent. However, an existing or new floating charge shall not be considered to be in breach of this clause.

Except in cases of mergers and demergers completed in accordance with applicable law, the rights and/or obligations under this Agreement may not in any other way be transferred to a third party without the other Party's prior written consent.

9.2 Partial invalidity

If any provision of this Agreement or the application of it shall be declared or deemed void, invalid or unenforceable in whole or in part for any reason, the Parties shall amend this Agreement in order to give effect to, so far as is possible, the spirit of this Agreement. If the Parties fail to amend this Agreement, the provision, which is void, invalid or unenforceable, shall be deemed deleted and the remaining provisions of this Agreement shall continue in full force and effect.

9.3 Interpretation

English language terms used in this Agreement shall be interpreted solely with reference to legal usage, traditions and the laws of Sweden and not with reference to the legal usage, traditions, or laws of any other country.

9.4 Waiver

Neither Party shall be deprived of any right under this Agreement because of its failure to exercise any right under this Agreement or failure to notify the infringing party of a breach in connection with the Agreement. Notwithstanding the foregoing, rules on complaints and limitation periods shall apply.

9.5 Amendments

Any amendment or addition to this Agreement must be made in writing and signed by the Parties to be valid.

9.6 Governing law and disputes

9.6.1 The laws of Sweden, excluding its conflict of law principles, govern all matters arising under this Agreement.

9.6.2 As the exclusive means of initiating adversarial proceedings to resolve any dispute arising out of this Agreement or its subject matter, either Party may demand that any such dispute be resolved by arbitration:

- (a) administered by the Arbitration Institute of the Stockholm Chamber of Commerce;
- (b) in the English language; and
- (c) using three (3) arbitrators.

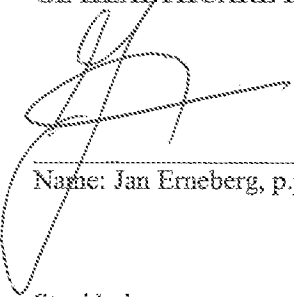
The Parties hereby consent to such dispute being so resolved.

- 9.6.3 Any arbitral proceedings pursuant to this Clause 9.6 shall be carried out in Stockholm, Sweden.
- 9.6.4 The Parties agree and acknowledge that all arbitral proceedings conducted or initiated with reference to the arbitration clause in this Clause 9.6 will be kept strictly confidential. This confidentiality undertaking shall cover the fact that arbitration has been initiated, all information disclosed in the course of such arbitral proceedings, as well as any decision or award that is made or declared during the proceedings. Information covered by this confidentiality undertaking may not, in any form, be disclosed to any Person without the prior written consent of the other Party. Notwithstanding the foregoing, a Party shall not be prevented from disclosing such information in order to safeguard in the best possible way such Party's rights vis-à-vis the other Party in connection with the dispute, or if such a right exists pursuant to statute, regulation, a decision by an authority, a stock exchange contract or similar.
- 9.6.5 In case this Agreement or any part of it is assigned or transferred to any Person, such Person shall automatically be bound by the arbitration clause in this Clause 9.6.

This Agreement has been signed in two (2) originals, of which Bio-Sciences and the Purchaser have taken one each.

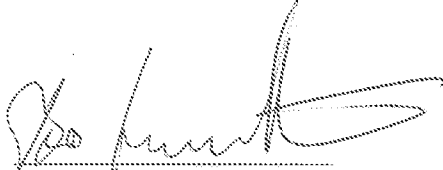
Stockholm
18 December 2015

GE HEALTHCARE BIO-SCIENCES AB



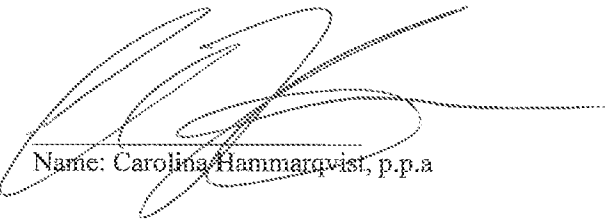
Name: Jan Erneberg, p.p.a

Stockholm
18 December 2015



Name: Bo Lundström, p.p.a

GE HEALTHCARE BIOPROCESS R&D AB



Name: Carolina Hammarqvist, p.p.a

SCHEDULE 2.1.1(a)

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Transferred Intellectual Property Rights

LEGAL#13118329V2

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1. Transferred Intellectual Property Rights

1.1 Patents and patent applications

Patents and patent applications listed in Sub-Schedule 2.1.1(a)(i).

1.2 Trademarks and trademarks applications

Trademarks and trademarks applications listed in Sub-Schedule 2.1.1(a)(ii).

1.3 Registered designs and applications for design registrations

Registered designs and applications for design registrations listed in Sub-Schedule 2.1.1(a)(iii).

1.4 Copyrights and neighbouring rights

All copyrights and neighbouring rights attributable to the Chromatography Media Business, including but not limited to, the copyrights and neighbouring rights contained in the documents referred to in Sub-Schedule 2.1.1(a)(iv).

1.5 Trade secrets and know-how

All trade secrets and know-how attributable to the Chromatography Media Business, including but not limited to, trade secrets and know-how contained in the documents referred to in Sub-Schedule 2.1.1(a)(iv).

SUB-SCHEDULE 2.1.1(a)(i)

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Patents and patent applications

LEGALF13126214v1

Doc No.	Pub No.	Title	Abstract	Status	Appl. No.	Appl. Date	Pub. No.	Appl. No.	Expiration Date	Assignee
175077	2 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	SE	26/03/2003	526214		28/02/2023	GHBSAB
175077	3 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	GB	30/10/2003	2398782		30/10/2023	GHBSAB
175077	4 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	US	31/10/2003	7006071		27/05/2024	GHBSAB
175077	5 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	JP	08/12/2003	5015426		08/12/2023	GHBSAB
175077	6 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	AU	11/08/2005	2003303976		08/12/2023	GHBSAB
175077	7 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Filed	CA	25/08/2005		2517231	08/12/2023	GHBSAB
175077	8 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	CN	29/08/2005	9	21209380110021	08/12/2023	GHBSAB
175077	10 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	IN	26/08/2005	244848		08/12/2023	GHBSAB
175077	11 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	KR	26/08/2005	10-1060896		08/12/2023	GHBSAB
175077	13 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	CH	26/08/2005	1597269		08/12/2023	GHBSAB
175077	14 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	DE	28/08/2005	60331370.1		08/12/2023	GHBSAB
175077	15 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	ES	28/08/2005	1597269		08/12/2023	GHBSAB
175077	16 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	FR	28/08/2005	1597269		08/12/2023	GHBSAB
175077	17 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	LI	28/08/2005	1597269		08/12/2023	GHBSAB
175077	18 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	IT	28/08/2005	1597269		08/12/2023	GHBSAB
227831	3 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	US	22/12/2009	6999157		29/10/2030	GHBSAB
227831	5 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	BE	02/12/2009	2164591		07/07/2028	GHBSAB
227831	6 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	FR	02/12/2009	2164591		07/07/2028	GHBSAB
227831	7 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	DE	02/12/2009	602008024448.2		07/07/2028	GHBSAB
227831	8 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	GB	02/12/2009	2164591		07/07/2028	GHBSAB
227831	9 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	SE	02/12/2009	2164591		07/07/2028	GHBSAB
227831	3 PU1033	NOVEL CHELATOR AND USE THEREOF	DIMER PENTA DENTATE	Filed	EP	20/11/2012		11790066.0	30/05/2031	GHBSAB
227831	4 PU1033	NOVEL CHELATOR AND USE THEREOF	DIMER PENTA DENTATE	Filed	US	30/11/2012		13701074	30/05/2031	GHBSAB
227831	3 PU1247	CHROMATOGRAPHY MEDIA AND USE THEREOF	NON-CROSS LINKED GST MEDIA	Filed	EP	17/12/2014		13603596.0	11/06/2033	GHBSAB
227831	4 PU1247	CHROMATOGRAPHY MEDIA AND USE THEREOF	NON-CROSS LINKED GST MEDIA	Filed	US	12/12/2014		14407892	11/06/2033	GHBSAB

Patent No.	Alt. Patent No.	Title	List of Synonyms	Status	App. Date	Patent Number	Application Number	New Expiration Date	Google Patents	Assignee
219099	9 PU0668	AXIAL CHROMATOGRAPHY COLUMNS AND METHODS	ASYMMETRIC INLET	Filed	IN 12/12/2008		10314/DELNP/2008	17/07/2027		GHBSAB
219100	10 PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	BOTTOMLESS COLUMN	Filed	IN 15/12/2008		10333/DELNP/2008	17/07/2027		GHBSAB
219100	14 US CON2	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	BOTTOMLESS COLUMN	Filed	US 15/04/2014		14/252874	16/07/2027		GHBSAB
225849	8 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	IN 24/08/2009		5414/DELNP/2009	05/03/2028		GHBSAB
225849	10 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	EP 30/10/2012		12190564.0	05/03/2028		GHBSAB
225849	11 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	CN 07/02/2013		201310048327.3	05/03/2028		GHBSAB
225849	12 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	JP 10/05/2013		2013-100206	05/03/2028		GHBSAB
239835	8 PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	FILTER HOLDER WITH CHANNELS	Filed	IN 01/11/2011		8451/DELNP/2011	10/05/2030		GHBSAB
243604	7 PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	IN 21/05/2012		4408/DELNP/2012	20/12/2030		GHBSAB
243604	3 PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	JP 18/06/2012		2012-545900	20/12/2030		GHBSAB
243604	6 PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	EP 19/06/2012		10839893.4	20/12/2030		GHBSAB
243604	4 PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	CA 20/06/2012		2785198	20/12/2030		GHBSAB
243604	8 PU09114	METHOD FOR DRY PACKING CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	US 21/06/2012		13/518029	20/12/2030		GHBSAB

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DocId	Alt DocId	Est. No.	Title	Keywords	Status	Qty	App Date	Patent Number	Application Number	New Expiration Date	Google Patents	Assignee
244856	9 PU1019	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - ADJUSTABLE RESTRICTORS	Filed	US	27/09/2012	13/637744	30/03/2031		GHBSAB		
244856	7 PU1019	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - ADJUSTABLE RESTRICTORS	Filed	IN	28/09/2012	3436/DELNP/2012	30/03/2031		GHBSAB		
244856	8 PU1019	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - ADJUSTABLE RESTRICTORS	Filed	JP	28/09/2012	2013-502535	30/03/2031		GHBSAB		
244856	6 PU1019	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - ADJUSTABLE RESTRICTORS	Filed	EP	22/10/2012	11763151.5	30/03/2031		GHBSAB		
244857	8 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	JP	18/09/2012	2013-602536	30/03/2031		GHBSAB		
244857	7 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	IN	28/09/2012	3483/DELNP/2012	30/03/2031		GHBSAB		
244857	9 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	US	01/10/2012	13/639876	30/03/2031		GHBSAB		
244857	6 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	EP	22/10/2012	11763152.3	30/03/2031		GHBSAB		
244857	5 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	CN	23/10/2012	201180018011.7	30/03/2031		GHBSAB		

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Project No.	Alt. Doc#	Est. No.	Title	List of Synonyms	Status	App. Date	Patent Number	Indication number	New Expiration Date	Google Patents	Assignee
245958		4 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	EP 20/11/2012		11790092.8	01/06/2031		GHSAB
245958		3 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	CN 30/11/2012		201180026867.1	01/06/2031		GHSAB
245958		6 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	US 30/11/2012		13/701251	01/06/2031		GHSAB
245958		5 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	JP 04/04/2013		2013-513139	01/06/2031		GHSAB
265650		PU0720C1 P	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	PRE-STERILIZED RTP	Filed	US 09/11/2012		13/672819	05/03/2028		GHSAB
265651		PU0720C1 P2	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	PRE-STERILIZED CHROMATOGRAPHY COLUMN	Filed	US 09/11/2012		13/672832	05/03/2028		GHSAB
273134		PU09114C1 P	PACKING OF CHROMATOGRAPHY COLUMNS		Filed	US 07/03/2014		14/201175	20/12/2030		GHSAB
273135		PU1034C1 P	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES		Filed	US 29/05/2014		14/290367	01/06/2031		GHSAB
275630		2 PU1435	STACKABLE CHROMATOGRAPHY COLUMN MODULES AND FLOW CONTROL BLOCKS		Filed	WO 06/07/2015		EP2015/065311			GHSAB
284593		1	Chromatography column modules with valves		Filed	To be filed Dec 2015		TBD			GHSAB

Patent No.	Alt. Docket No.	Title	Abstract	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiration Date	Assignee
173651	2 PU0235	MACROPOROUS CROSS-LINKED POLYMER PARTICLES	MACROPOROUS DIVINYLETHER PARTICLES	Issued	JP	27/05/2003	4523408		27/05/2023	GHBSAB
173651	6 PU0235	MACROPOROUS CROSS-LINKED POLYMER PARTICLES	MACROPOROUS DIVINYLETHER PARTICLES	Issued	DE	27/05/2003	50332013.9		27/05/2023	GHBSAB
173657	7 PU0241	POST-MODIFICATION OF A POROUS SUPPORT	AGAROSE GRAFTING	Issued	US	25/05/2004	7048658		06/05/2023	GHBSAB
173705	5 PL9619	METHOD FOR THE QUANTITATIVE RELEASE OF NATURAL OR RECOMBINANT PROTEINS, POLYPEPTIDES OR PEPTIDES	A METHOD FOR IMMUNOASSAYING BACTERIAL IGG BINDING PROTEINS	Issued	US	15/02/2001	6706486		14/05/2019	GHBSAB
173706	5 PU9820	METHOD FOR SEPARATION ON CATION EXCHANGERS	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	CA	16/06/1999	2334980		16/06/2019	GHBSAB
173706	8 PU9820	Cation exchanger requiring elevated elution ion strength	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	JP	16/06/1999	4643006		16/06/2019	GHBSAB
173706	8 PU9820	METHOD FOR SEPARATION ON CATION EXCHANGERS	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	DE	16/06/1999	69805720.5		16/06/2019	GHBSAB
173706	9 PU9820	METHOD FOR SEPARATION ON CATION EXCHANGERS	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	FR	16/06/1999	1094899		16/06/2019	GHBSAB
173706	10 PU9820	METHOD FOR SEPARATION ON CATION EXCHANGERS	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	GB	16/06/1999	1094899		16/06/2019	GHBSAB
173706	11 PUS820	FÖRFARANDE FÖR SEPARATION PÅ KATIONBYTARE	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	SE	16/06/1999	1094899		16/06/2019	GHBSAB
173782	8 PU9951	A METHOD FOR ANION EXCHANGE ADSORPTION ON MATRICES CARRYING MIXED MODE LIGANDS	A METHOD FOR ANION EXCHANGE	Issued	JP	22/11/2000	5051957		22/11/2020	GHBSAB

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Docket No.	Ex. No.	Alt. Docket No.	Title	List of Keywords	Status	Cty	App. Date	Pub. Number	App. Number	New Expiration Date	Google Patents	Assignee
173782	10	PU9951	A METHOD FOR ANION EXCHANGE ADSORPTION ON MATRICES CARRYING MIXED MODE LIGANDS	A METHOD FOR ANION EXCHANGE	Issued	DE	22/11/2000	60046250.1		22/11/2020		GHSAB
173782	11	PU9951	A METHOD FOR ANION EXCHANGE ADSORPTION ON MATRICES CARRYING MIXED MODE LIGANDS	A METHOD FOR ANION EXCHANGE	Issued	FR	22/11/2000	1235748		22/11/2020		GHSAB
173782	12	PU9951	A METHOD FOR ANION EXCHANGE ADSORPTION ON MATRICES CARRYING MIXED MODE LIGANDS	A METHOD FOR ANION EXCHANGE	Issued	GB	22/11/2000	1235748		22/11/2020		GHSAB
173782	9	PU9951	METHOD FOR ANION-EXCHANGE ADSORPTION AND ANION-EXCHANGERS	A METHOD FOR ANION EXCHANGE	Issued	US	16/09/2002	6702943		22/11/2020	6702943	GHSAB
173989	1	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	AU	06/11/1996	709290		06/11/2016		GHSAB
173989	2	PU951618	IgG SEPARATION MEDIUM AND NOVEL PROTEIN A VARIANT	RPROTEIN A-CYS COUPLING	Issued	CA	06/11/1996	2235900		06/11/2016		GHSAB
173989	4	PU951618	IgG SEPARATION MEDIUM AND NOVEL PROTEIN A VARIANT	RPROTEIN A-CYS COUPLING	Issued	JP	06/11/1996	4117903		06/11/2016		GHSAB
173989	8	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	CH	06/11/1996	0873353		06/11/2016		GHSAB
173989	9	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	DE	06/11/1996	59629127.4		06/11/2016		GHSAB
173989	10	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	FR	06/11/1996	0873353		06/11/2016		GHSAB
173989	11	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	GB	06/11/1996	0873353		06/11/2016		GHSAB
173989	12	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	LI	06/11/1996	0873353		06/11/2016		GHSAB
173989	13	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	NL	06/11/1996	0873353		06/11/2016		GHSAB
173989	14	PU951618	PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	SE	06/11/1996	0873353		06/11/2016		GHSAB
173989	6	PU951618	IgG SEPARATION MEDIUM	RPROTEIN A-CYS COUPLING	Issued	US	09/06/1997	6399750		06/11/2016	6399750	GHSAB

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173997	4 PU961656	TRIS-ANION EXCHANGE	TRIS-ANIE X	Issued	JP	14/02/1997	4422797		14/02/2017		GHBSAB
173997	6 PU961656	TRIS-ANION EXCHANGE	TRIS-ANIE X	Issued	DE	14/02/1997	69729182.0		14/02/2017		GHBSAB
173997	9 PU961656	TRIS-ANION EXCHANGE	TRIS-ANIE X	Issued	FR	14/02/1997	0688157		14/02/2017		GHBSAB
173997	10 PU961656	TRIS-ANION EXCHANGE	TRIS-ANIE X	Issued	GB	14/02/1997	0386157		14/02/2017		GHBSAB
173997	6 PU961656	PROCESS FOR CHROMATOGRAPHIC SEPARATION OF PEPTIDES AND NUCLEIC ACID, AND NEW HIGH AFFINITY ION EXCHANGE MATRIX	TRIS-ANIE X	Issued	US	29/12/1993	6090288		14/02/2017	6090288	GHBSAB
173998	4 PU961657	POLYHYDROXY POLYMERS SUBSTITUTED WITH STYRYL ETHER GROUPS AND GELS AND SURFACES PREPARED FROM THEM	STYRYL ETHERS	Issued	US	11/05/1999	6255385		15/07/2018	6255385	GHBSAB
174007	1 PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	AU	07/04/1997	726086		07/04/2017		GHBSAB
174007	2 PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	CA	07/04/1997	2251050		07/04/2017		GHBSAB
174007	4 PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	JP	07/04/1997	4081143		07/04/2017		GHBSAB
174007	8 PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	AT	07/04/1997	E261992		07/04/2017		GHBSAB

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Patent No.	Alt Doclet No.	Alt Doclet Title	List of Keywords	Status	City	Application Date	Patent Number	Publication Number	New Expiration Date	Google Patents	Assignee
174007	9	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	BE	07/04/1997	0892815		07/04/2017		GHBSAB
174007	10	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	CH	07/04/1997	0892815		07/04/2017		GHBSAB
174007	11	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	LI	07/04/1997	0892815		07/04/2017		GHBSAB
174007	12	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	DE	07/04/1997	69728141.8		07/04/2017		GHBSAB
174007	13	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	DK	07/04/1997	0892815		07/04/2017		GHBSAB
174007	14	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	ES	07/04/1997	2217413		07/04/2017		GHBSAB
174007	15	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	FR	07/04/1997	0892815		07/04/2017		GHBSAB
174007	16	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	GB	07/04/1997	0892815		07/04/2017		GHBSAB
174007	17	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	IE	07/04/1997	0892815		07/04/2017		GHBSAB
174007	18	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	IT	07/04/1997	697078E2004		07/04/2017		GHBSAB

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Docket No.	Alt Docket No.	Title	Abstract/Keywords	Status	City	Application Date	Patent Number	Publication Number	New Expiration Date	Google Patents	Assignee
174007	19 PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	NL	07/04/1997	0892815		07/04/2017	6602990	GHBSAB
174007	7 PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	US	11/05/1999	6602990		16/04/2019	6602990	GHBSAB
174022	14 PU971732	AN ADSORPTION/SEPARATION METHOD AND A MEDIUM FOR ADSORPTION/SEPARATION	EBA BEADS WITH EXTENDERS	Issued	GB	03/02/1998	1003599		03/03/2018		GHBSAB
174022	2 PU971732	ADSORPTION/SEPARATION METHOD AND A MEDIUM FOR ADSORPTION/SEPARATION	EBA BEADS WITH EXTENDERS	Issued	US	13/03/2000	6428707		03/02/2018	6428707	GHBSAB
174023	2 PU971734	LOCK/LID MATRIX	LID ACTIVATION	Issued	JP	04/03/1998	4368424		04/03/2018		GHBSAB
174023	6 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	CH	04/03/1998	0966488		04/03/2018		GHBSAB
174023	7 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	DE	04/03/1998	69836126.1		04/03/2018		GHBSAB
174023	8 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	FR	04/03/1998	0966488		04/03/2018		GHBSAB
174023	10 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	GB	04/03/1998	0966488		04/03/2018		GHBSAB
174023	13 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	LI	04/03/1998	0966488		04/03/2018		GHBSAB
174023	14 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	SE	04/03/1998	0966488		04/03/2018		GHBSAB
174023	5 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	US	14/03/2000	6428315		04/03/2018	6428315	GHBSAB
174024	1 PU971735	PARTIAL ACTIVATION	LID BEADS WITH NEUTRAL SURFACE	Issued	AU	04/03/1998	729313		04/03/2018		GHBSAB

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Doc No.	Ext. No.	Alt. Doc No.	Title	List of Keywords	Status	App. Date	Pub. Number	App. Number	New Expiration Date	Assignee
174024	2	PU971735	MATRICES FOR SEPARATION AND SEPARATION EXPLOITING SAID MATRICES	LID BEADS WITH NEUTRAL SURFACE	Issued	CA 04/03/1998	2281846		04/03/2018	GHBSAB
174024	4	PU971735	PARTIAL ACTIVATION	LID BEADS WITH NEUTRAL SURFACE	Issued	JP 04/03/1998	4135812		04/03/2018	GHBSAB
174024	7	PU971735	MATRICES FOR SEPARATION AND SEPARATION EXPLOITING SAID MATRICES	LID BEADS WITH NEUTRAL SURFACE	Issued	US 24/01/2000	6572766		04/03/2018	GHBSAB
174029	2	PU971767	COATED POLYMER ARTICLE	SOURCE	Issued	JP 22/06/1998	4156075		22/06/2018	GHBSAB
174029	6	PU971767	COATED POLYMER ARTICLE	SOURCE	Issued	CH 22/06/1998	1015107		22/06/2018	GHBSAB
174029	7	PU971767	COATED POLYMER ARTICLE	SOURCE	Issued	DE 22/06/1998	69832502.8		22/06/2018	GHBSAB
174029	9	PU971767	COATED POLYMER ARTICLE	SOURCE	Issued	FR 22/06/1998	1015107		22/06/2018	GHBSAB
174029	10	PU971767	COATED POLYMER ARTICLE	SOURCE	Issued	GB 22/06/1998	1015107		22/06/2018	GHBSAB
174029	12	PU971767	COATED POLYMER ARTICLE	SOURCE	Issued	LI 22/06/1998	1015107		22/06/2018	GHBSAB
174029	4	PU971767	COATED POLYMER ARTICLE AND ITS USE	SOURCE	Issued	US 22/12/1999	6420028		22/06/2018	GHBSAB
174048	4	PU0008	A METHOD OF PRODUCING IGG	IGG-PREPARATION	Issued	BR 29/03/2001	P10109740-7		06/01/2025	GHBSAB
174048	12	PU0008	A METHOD OF PRODUCING IGG	IGG-PREPARATION	Issued	US 09/12/2002	6836379		27/10/2021	GHBSAB
174073	6	PU0044	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	JP 16/07/2001	5306568		16/07/2021	GHBSAB
174073	5	PU0044	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Filed	EP 09/12/2002		01962857.7	16/07/2021	GHBSAB
174073	4	PU0044	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	CA 11/12/2002	2412586		16/07/2021	GHBSAB
174073	3	PU0044	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	AU 16/12/2002	2001263945		16/07/2021	GHBSAB

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174073	7 PU0044	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	US	20/12/2002	7214321		17/02/2024	7214321	GHBSAB
174097	7 PU0074	A METHOD FOR ANION-EXCHANGE ADSORPTION AND MIXED MODE THIOETHER ANION EXCHANGERS THAT CAN BE USED IN THE METHOD	HIGH SALT LIGANDS	Issued	JP	22/11/2000	4814467		22/11/2020		GHBSAB
174097	8 PU0074	A METHOD FOR ANION-EXCHANGE ADSORPTION AND MIXED MODE THIOETHER ANION EXCHANGERS THAT CAN BE USED IN THE METHOD	HIGH SALT LIGANDS	Issued	DE	22/11/2000	60045558.0		22/11/2020		GHBSAB
174097	9 PU0074	A METHOD FOR ANION-EXCHANGE ADSORPTION AND MIXED MODE THIOETHER ANION EXCHANGERS THAT CAN BE USED IN THE METHOD	HIGH SALT LIGANDS	Issued	FR	22/11/2000	1235749		22/11/2020		GHBSAB
174097	10 PU0074	A METHOD FOR ANION-EXCHANGE ADSORPTION AND MIXED MODE THIOETHER ANION EXCHANGERS THAT CAN BE USED IN THE METHOD	HIGH SALT LIGANDS	Issued	GB	22/11/2000	1235749		22/11/2020		GHBSAB
174097	2 PU0074	A METHOD FOR ANION-EXCHANGE ADSORPTION AND THIOETHER ANION-EXCHANGERS	HIGH SALT LIGANDS	Issued	US	10/09/2002	7879244		31/03/2026	7879244	GHBSAB
174103	4 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	CA	29/11/2000	2392611		29/11/2020		GHBSAB
174103	6 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	JP	29/11/2000	5000059		29/11/2020		GHBSAB
174103	8 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	BE	29/11/2000	1240497		29/11/2020		GHBSAB
174103	9 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	CH	29/11/2000	1240497		29/11/2020		GHBSAB

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174103	10 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	DE	29/11/2000	60039369.2		29/11/2020		GHBSAB
174103	11 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	ES	29/11/2000	1240497		29/11/2020		GHBSAB
174103	12 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	FR	29/11/2000	1240497		29/11/2020		GHBSAB
174103	13 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	GB	29/11/2000	1240497		29/11/2020		GHBSAB
174103	14 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	IT	29/11/2000	1240497		29/11/2020		GHBSAB
174103	15 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	LI	29/11/2000	1240497		29/11/2020		GHBSAB
174103	16 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	NL	29/11/2000	1240497		29/11/2020		GHBSAB
174103	17 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	SE	29/11/2000	1240497		29/11/2020		GHBSAB
174103	7 PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	US	16/09/2002	6841097		06/10/2021	6841097	GHBSAB
174104	3 PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	BE	29/11/2000	1233833		29/11/2020		GHBSAB
174104	4 PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	CH	29/11/2000	1233833		29/11/2020		GHBSAB

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Doc No.	Ext. No.	Att. Doct.	Title	List of Keywords	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expir. Date	Assign.
174104	5	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	LI	29/11/2000	1233833		29/11/2020	GHBSAB
174104	6	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	DE	29/11/2000	60015597.8		29/11/2020	GHBSAB
174104	7	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	DK	29/11/2000	1233833		29/11/2020	GHBSAB
174104	9	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	GB	29/11/2000	1233833		29/11/2020	GHBSAB
174104	10	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	IT	29/11/2000	1233833		29/11/2020	GHBSAB
174104	11	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	NL	29/11/2000	1233833		29/11/2020	GHBSAB
174104	12	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	SE	29/11/2000	1233833		29/11/2020	GHBSAB
174104	15	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	CA	29/11/2000	2394369		29/11/2020	GHBSAB

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Docket No.	Alt. Docket No.	Ext. No.	Title	List of Keywords	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiration Date	Assignee
174104	16	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	JP	29/11/2000	4993154		29/11/2020	GHBSAB
174104	23	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	FR	29/11/2000	1233633		29/11/2020	GHBSAB
174104	18	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	US	21/06/2002	6843427		25/07/2021	GHBSAB
174104	9	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	FR	02/11/2004	1502654		29/11/2020	GHBSAB
174104	19	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	DE	02/11/2004	60042502 9		29/11/2020	GHBSAB
174104	20	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	GB	02/11/2004	1502654		29/11/2020	GHBSAB
174104	21	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	IT	02/11/2004	1502654		29/11/2020	GHBSAB
174104	22	PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	SE	02/11/2004	1502654		29/11/2020	GHBSAB

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Patent No.	Alt Docmt Ext. No.	Title	List of Keywords	Status	Qty	Application Date	Publ. Number	Publ. Date	New Expiration Date	Google Patents	Assignee
174104	14 PU0080	METHOD AND DEVICE FOR PRODUCING A COHERENT LAYER OF EVEN THICKNESS OF LIQUID OR MELT ON A ROTATING DISK	SPINNING DISK DEVICE	Issued	US	15/12/2004	7341202		25/07/2021	7341202	GHSSAB
174105	3 PU0085	A METHOD FOR MIXED MODE ADSORPTION AND MIXED MODE ADSORBENTS	STOCHASTIC HSL	Issued	AU	17/12/2001	2002235786		17/12/2021		GHSSAB
174105	4 PU0085	A METHOD FOR MIXED MODE ADSORPTION AND MIXED MODE ADSORBENTS	STOCHASTIC HSL	Issued	CA	17/12/2001	2431012		17/12/2021		GHSSAB
174105	9 PU0085	METHOD FOR MIXED MODE ADSORPTION	STOCHASTIC HSL	Issued	US	19/06/2003	7008542		08/06/2022	7008542	GHSSAB
174121	2 PL9767	VON WILLEBRAND FACTOR (VWF) CONTAINING PREPARATION PROCESS FOR PREPARING VWF- CONTAINING PREPARATIONS AND USE OF SUCH PREPARATIONS	VWF-MULTIMER	Issued	US	11/12/1998	6531577		11/12/2018	6531577	GHSSAB
174121	4 PL9767	VON WILLEBRAND FACTOR (VWF) CONTAINING PREPARATION PROCESS FOR PREPARING VWF- CONTAINING PREPARATIONS AND USE OF SUCH PREPARATIONS	VWF-MULTIMER	Issued	GB	14/12/1998	0934748		14/12/2018		GHSSAB
174134	2 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	GB	12/04/2002	2377447		12/04/2022		GHSSAB
174134	6 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	JP	15/04/2002	4081376		15/04/2022		GHSSAB
174134	10 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	DE	15/04/2002	60236789.1		15/04/2022		GHSSAB
174134	12 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	FR	15/04/2002	1379645		15/04/2022		GHSSAB
174134	9 PU0115	ISOLATION OF DNA MOLECULES GENERATION OF ION EXCHANGER MEDIA	PLASMID SELECT LIGANDS SCAFFOLD FOR HSL- PREPARATION	Issued	US	25/09/2003	6916919		15/04/2022	6916919	GHSSAB
174344	3 PU0160			Issued	AU	12/09/2002	2002334542		12/09/2022		GHSSAB

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Doc#	Alt Doc#	Ex. No.	Title	List of Keywords	Status	City	Application Date	Publication Number	New Expiration Date	Google Patents	Assignee
174844		4 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	CA	12/09/2002	2460355	12/09/2022		GHSAB
174844		7 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	JP	12/09/2002	4189632	12/09/2022		GHSAB
174844		10 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	CH	12/09/2002	1426092	12/09/2022		GHSAB
174844		11 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	DE	12/09/2002	60224685.7	12/09/2022		GHSAB
174844		12 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	ES	12/09/2002	1425092	12/09/2022		GHSAB
174844		13 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	FR	12/09/2002	1425092	12/09/2022		GHSAB
174844		14 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	GB	12/09/2002	1425092	12/09/2022		GHSAB
174844		15 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	IT	12/09/2002	1425092	12/09/2022		GHSAB
174844		16 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	LI	12/09/2002	1425092	12/09/2022		GHSAB
174844		17 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	NL	12/09/2002	1425092	12/09/2022		GHSAB
174844		18 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	SE	12/09/2002	1425092	12/09/2022		GHSAB
174844		8 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	NZ	11/02/2004	531094	12/09/2022	7067059	GHSAB
174844		9 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	US	10/03/2004	7067059	26/04/2023		GHSAB
174844		5 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	CN	12/03/2004	ZL02817837.8	12/09/2022		GHSAB
174909		3 PU0201	METHOD OF PRODUCING HIERARCHICAL POROUS BEADS	HIERARCHICAL PORE STRUCTURES IN BEADS USING TEMPLATING PARTI	Issued	US	30/06/2004	7074335	21/07/2023	7074335	GHSAB
174910		3 PU0195	SEPARATION METHOD A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CATION-PI INTERACTION BASED CHROMATOGRAPHY	Issued	US	21/06/2004	8138306	11/01/2025	8138306	GHSAB
174932		1 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	KR	20/03/2003	10-1067181	20/03/2023		GHSAB
174932		4 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	AU	20/03/2003	2003217119	20/03/2023		GHSAB

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Patent No.	Alt. Docket No.	Title	IPC Class.	Abstract	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiry Date	Assignee
174932	5 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	CA	20/03/2003	2479896			GHESAB
174932	8 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	IN	20/03/2003	255084		20/03/2023	GHESAB
174932	9 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	JP	20/03/2003	4391830		20/03/2023	GHESAB
174932	13 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	CH	20/03/2003	1485407		20/03/2023	GHESAB
174932	14 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	DE	20/03/2003	60327606.7		20/03/2023	GHESAB
174932	15 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	ES	20/03/2003	1485407		20/03/2023	GHESAB
174932	16 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	FR	20/03/2003	1485407		20/03/2023	GHESAB
174932	17 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	GB	20/03/2003	1485407		20/03/2023	GHESAB
174932	18 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	IT	20/03/2003	1485407		20/03/2023	GHESAB
174932	19 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	LI	20/03/2003	1485407		20/03/2023	GHESAB
174932	20 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	NL	20/03/2003	1485407		20/03/2023	GHESAB
174932	21 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	SE	20/03/2003	1485407		20/03/2023	GHESAB
174932	10 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	IMMUNOGLOBULIN-BINDING	CIP-STABLE PROTEIN A-LIGAND	Issued	US	20/09/2004	7834158		21/02/2025	GHESAB

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Doc#	No.	Ext. No.									City	Date	Number	Application	Number	Expiration				
174932	6	PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	CN	23/09/2004	Issued	ZL03906793.5			CN	23/09/2004	2103906793.5			20/03/2023			GHBSAB	
174932	12	PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	EP	10/03/2008	Filed				EP	10/03/2008		38004374.3		20/03/2023			GHBSAB	
174932	11	US CON	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	US	08/10/2010	Issued	9198404			US	08/10/2010	9198404			21/02/2025	8198404		GHBSAB	
174932	22	PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	KR	29/11/2010	Issued	10-1307700			KR	29/11/2010	10-1307700			20/03/2023			GHBSAB	
174932	27	CN DIV5	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	CN	29/11/2011	Issued	ZL201110407			CN	29/11/2011	855.2			20/03/2023			GHBSAB	
174932	28	US CON2	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	US	05/06/2012	Filed				US	05/06/2012		134688662		20/03/2023			GHBSAB	
174932	29	PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	IN	18/10/2012	Filed				IN	18/10/2012		9070/DELNP/2012		20/03/2023			GHBSAB	
174932	30	PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	KR	01/11/2012	Issued	10-1307651			KR	01/11/2012	10-1307651			20/03/2023			GHBSAB	
174932	31	PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	KR	01/11/2012	Issued	10-1307714			KR	01/11/2012	10-1307714			20/03/2023			GHBSAB	
174932	32	US DIV	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	US	04-SEP-15	Filed				US	04-SEP-15		14845817					GHBSAB	
174943	5	PU0225	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	EP	06/09/2004	Filed				EP	06/09/2004		03721217.2		17/04/2023			GHBSAB	
174943	4	PU0225	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	CA	23/09/2004	Issued	2480313			CA	23/09/2004	2480313			17/04/2023			GHBSAB	
174943	8	PU0225	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	US	21/10/2004	Issued	7341682			US	21/10/2004	7341682			08/10/2024	7341682		GHBSAB	
174943	6	PU0225	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	JP	25/10/2004	Issued	4874525			JP	25/10/2004	4874525			17/04/2023			GHBSAB	
174972	1	PU0264	CHROMATOGRAPHIC TWO-LAYER PARTICLES	2-PHASE PREPARATION OF LID BEADS	US	23/02/2005	Issued	7208093			US	23/02/2005	7208093			11/05/2024	7208093		GHBSAB	

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174972	5 PU0264	CHROMATOGRAPHIC TWO-LAYER PARTICLES	2-PHASE PREPARATION OF LID BEADS	Issued	JP	27/02/2005	4424669		18/08/2023		GHESAB
174972	10 PU0264	CHROMATOGRAPHIC TWO-LAYER PARTICLES	2-PHASE PREPARATION OF LID BEADS	Issued	GB	27/02/2005	1558927		18/08/2023		GHBSAB
175036	3 PU0297	ISOLATION OF ANTISENSE OLIGONUCLEOTIDES	IMAC-ISOLATION OF ANTISENSE OLIGONUCLEOTIDES	Issued	US	19/05/2005	7368561		29/09/2024	7368561	GHESAB
175049	3 PU02103	USE OF UREA VARIANTS AS AFFINITY LIGANDS	LIGAND 1250 TO IGG BINDING POCKET	Issued	US	18/04/2005	7645903		25/01/2026	7645903	GHBSAB
175084	3 PU0326	METHOD OF PREPARING MULTIMODAL ANION-EXCHANGE LIGANDS	SYNTHESIS OF ANION EXCHANGE LIGANDS USING HOMOCYSTEINE THIOL	Issued	US	29/09/2005	7320754		26/04/2023	7320754	GHBSAB
175084	4 PU0326	A METHOD OF PREPARING MULTIMODAL ANION-EXCHANGE LIGANDS	SYNTHESIS OF ANION EXCHANGE LIGANDS USING HOMOCYSTEINE THIOL	Issued	JP	05/09/2005	4629660		05/03/2024		GHBSAB
175158	5 PU0366	MATRIX FOR SEPARATION OF POLYETHERS AND METHOD OF SEPARATION	HYDROGEN BOND OF PEG	Issued	US	21/07/2009	8092682		26/09/2025	8092682	GHBSAB
175206	10 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	CH	12/05/2006	1697416		21/12/2024		GHBSAB
175206	11 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	DE	12/05/2006	6020040130400		21/12/2024		GHBSAB
175206	12 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	FR	12/05/2006	1697416		21/12/2024		GHBSAB
175206	13 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	GB	12/05/2006	1697416		21/12/2024		GHBSAB
175206	15 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	LI	12/05/2006	1697416		21/12/2024		GHBSAB
175206	8 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	CN	21/06/2006	ZL200480038282.9		21/12/2024		GHBSAB

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175206	3 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	JP	23/06/2006	4739233		21/12/2024		GHBSAB
175206	5 US DIV PU03100-	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	US	22/02/2010	8685248		01/12/2027	http://www.google.com/patents?vid=USPAT8685248	GHBSAB
175220	10 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	IN	28/08/2006	257665		24/02/2025		GHBSAB
175220	6 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	CA	06/07/2006	2552823		24/02/2025		GHBSAB
175220	13 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	DE	24/07/2006	80200501622 0.8		24/02/2025		GHBSAB
175220	14 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	GB	24/07/2006	1718668		24/02/2025	http://www.google.com/patents?vid=USPAT7385040	GHBSAB
175220	4 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	US	16/08/2006	7385040		24/03/2025		GHBSAB
175220	11 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	KR	25/03/2006	10-1149569		24/02/2025		GHBSAB
175220	5 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	AU	27/08/2006	2005217348		24/02/2025		GHBSAB
175220	3 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	JP	28/08/2006	4776815		24/02/2025		GHBSAB
175220	7 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	CN	28/08/2006	ZL200580006 267.0		24/02/2025		GHBSAB
175221	4 PU0407	PLASMID PURIFICATION	PLASMID SEPARATION ON SEPHACRYL	Issued	US	16/09/2006	8093373		26/09/2028	http://www.google.com/patents?vid=USPAT8093373	GHBSAB

PATENT

REEL: 040545 FRAME: 0134

All Docket		List of Keywords				Status		Application		Patent		New		Assignee	
Docket No.	Ext. No.	Title						City	Date	Number	Number	Expiration Date			
175237	8 PU0418	A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE				Issued	DE	15/09/2006	60200502437	3.9	31/03/2025		GHBSAB	
175237	9 PU0418	A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE				Issued	FR	15/09/2006	1723867		31/03/2025		GHBSAB	
175237	10 PU0418	A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE				Issued	GB	15/09/2006	1723867		31/03/2025		GHBSAB	
175237	3 PU0418	A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE				Issued	JP	02/10/2006	4831697		31/03/2025		GHBSAB	
175260	6 PU0429	SEPARATION MATRIX AND METHOD OF PURIFICATION	AROMATIC SULPHONAMIDES				Filed	EP	24/11/2006		05754914.9	22/06/2025		GHBSAB	
175260	4 PU0429	SEPARATION MATRIX AND METHOD OF PURIFICATION	AROMATIC SULPHONAMIDES				Issued	US	13/12/2006	8114280		23/01/2028		GHBSAB	
175260	3 PU0429	SEPARATION MATRIX AND METHOD OF PURIFICATION	AROMATIC SULPHONAMIDES				Issued	JP	22/12/2006	4890453		22/06/2025		GHBSAB	
175260	7 PU0429	SEPARATION MATRIX AND METHOD OF PURIFICATION	AROMATIC SULPHONAMIDES				Issued	CN	25/12/2006	ZL2005800020	972.6	22/06/2025		GHBSAB	
175280	1 P	METHOD OF PRODUCING MACROPOROUS CROSS-LINKED POLYMER PARTICLES	DIVINYL ETHERS				Issued	US	09/08/2004	7148264		27/05/2023		GHBSAB	
175284	2 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE				Issued	US	13/10/2004	7396467		08/03/2025		GHBSAB	
175284	9 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE				Filed	EP	15/02/2007		05787430.7	21/09/2025		GHBSAB	
175284	7 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE				Issued	CA	19/02/2007	2577822		21/09/2025		GHBSAB	
175284	10 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE				Issued	IN	27/02/2007	264448		21/09/2025		GHBSAB	

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175284		12 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	RU	27/02/2007	2367517		21/09/2025		GHBSAB
175284		4 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	JP	20/03/2007	5122858		21/09/2025		GHBSAB
175284		8 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	CN	20/03/2007	ZL200580031 649.9		21/09/2025		GHBSAB
175284		6 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Filed	BR	21/03/2007		P1 0515586-0			GHBSAB
175284		5 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	AU	22/03/2007	2005387430		21/09/2025		GHBSAB
175284		11 PU0450	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	KR	22/03/2007	10-1215171		21/09/2025		GHBSAB
175294		10 PU0460	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	IN	04/07/2006	257694		25/02/2025		GHBSAB
175294		6 PU0460	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	CA	05/07/2006	2552639		25/02/2025		GHBSAB
175294		5 PU0460	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	AU	08/07/2006	2005216847		25/02/2025		GHBSAB
175294		4 PU0460	PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	US	16/08/2006	7750129		26/06/2025	7750129	GHBSAB
175294		3 PU0460	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	JP	25/08/2006	4848356		25/02/2025		GHBSAB
175294		11 PU0460	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	KR	25/08/2006	10-1150050		25/02/2025		GHBSAB
175294		7 PU0460	ANTIBODY PURIFICATION TECHNIQUE	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	CN	28/08/2006	ZL200580006 276.X		25/02/2025		GHBSAB

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Docket No.	Est. No.	Title	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiration Date	Assignee
175311	7 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	CA	27/03/2007	2582113		21/10/2025	GHBSAB
175311	13 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	CH	30/03/2007	1807205		21/10/2025	GHBSAB
175311	14 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	DE	30/03/2007	60200503631		21/10/2025	GHBSAB
175311	15 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	FR	30/03/2007	1807205		21/10/2025	GHBSAB
175311	16 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	GB	30/03/2007	1807205		21/10/2025	GHBSAB
175311	17 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	IT	30/03/2007	1807205		21/10/2025	GHBSAB
175311	18 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	NL	30/03/2007	1807205		21/10/2025	GHBSAB
175311	19 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	SE	30/03/2007	1807205		21/10/2025	GHBSAB
175311	20 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	LI	30/03/2007	1807205		21/10/2025	GHBSAB
175311	5 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	AU	05/04/2007	2005296351		21/10/2025	GHBSAB
175311	12 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	RU	09/04/2007	2389552		21/10/2025	GHBSAB
175311	10 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	IN	10/04/2007	260429		21/10/2025	GHBSAB
175311	4 PU0469	METHOD OF ANTIBODY PURIFICATION	Issued	US	13/04/2007	7714112		25/10/2025	GHBSAB
175311	6 PU0469	A METHOD OF ANTIBODY PURIFICATION	Filed	BR	19/04/2007		P10518207-7		GHBSAB
175311	3 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	JP	20/04/2007	5064225		21/10/2025	GHBSAB
175311	8 PU0469	A METHOD OF ANTIBODY PURIFICATION	Issued	CN	20/04/2007	ZL200580036		21/10/2025	GHBSAB
175311	11 PU0469	A METHOD OF ANTIBODY PURIFICATION	Filed	KR	20/04/2007	075.4	10200770090		GHBSAB
175311							33	21/10/2025	GHBSAB
175311	3 PU0474	PURIFICATION OF IMMUNOGLOBULINS	Issued	US	22/12/2005	8728628		10/11/2028	GHBSAB
175314	10 PU0474	PURIFICATION OF IMMUNOGLOBULINS	Filed	IN	16/05/2007		3653/DELNP/2007	12/12/2025	GHBSAB

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175314	6	PU0474	IMMUNOGLOBULINS	PURIFICATION OF	AMGEN	AGAROSE MATRIX FOR	Issued	AU	05/06/2007	2005317279		12/12/2025	GHBSAB
175314	7	PU0474	IMMUNOGLOBULINS	PURIFICATION OF	AMGEN	AGAROSE MATRIX FOR	Issued	CA	05/06/2007	2586803		12/12/2025	GHBSAB
175314	5	PU0474	IMMUNOGLOBULINS	PURIFICATION OF	AMGEN	AGAROSE MATRIX FOR	Issued	JP	13/05/2007	5787461		12/12/2025	GHBSAB
175314	8	PU0474	IMMUNOGLOBULINS	PURIFICATION OF	AMGEN	AGAROSE MATRIX FOR	Issued	CN	14/06/2007	Z1230580043 050.7		12/12/2025	GHBSAB
183132	8	PU0530	REGENERATION OF A CHROMATOGRAPHY MATRIX		MABSELECT CIP PROTOCOL SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Issued	EP	19/09/2007	1885488		22/05/2026	GHBSAB
183132	9	PU0530	REGENERATION OF A CHROMATOGRAPHY MATRIX		MABSELECT CIP PROTOCOL SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Issued	DE	19/09/2007	1885488		22/05/2026	GHBSAB
183132	10	PU0530	REGENERATION OF A CHROMATOGRAPHY MATRIX		MABSELECT CIP PROTOCOL SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Issued	GB	19/09/2007	1885488		22/05/2026	GHBSAB
183132	11	PU0530	REGENERATION OF A CHROMATOGRAPHY MATRIX		MABSELECT CIP PROTOCOL SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Issued	FR	19/09/2007	1885488		22/05/2026	GHBSAB
183132	3	PU0530	REGENERATION OF A CHROMATOGRAPHY MATRIX		MABSELECT CIP PROTOCOL SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Issued	JP	21/11/2007	5148484		22/05/2026	GHBSAB
183132	3	PU0554	PROCESS FOR CROSS-LINKING CELLULOSE ESTER MEMBRANES		PROCESS FOR CROSS- LINKING CELLULOSE ESTER MEMBRANES SIP - LS - BIOPROCESS DISPOSABLES		Issued	US	25/01/2008	8496123		12/04/2029	GHBSAB
189432	4	PU0554	PROCESS FOR CROSS-LINKING CELLULOSE ESTER MEMBRANES		PROCESS FOR CROSS- LINKING CELLULOSE ESTER MEMBRANES SIP - LS - BIOPROCESS DISPOSABLES		Issued	JP	29/01/2008	5143732		24/07/2026	GHBSAB
189432	8	PU0554	PROCESS FOR CROSS-LINKING CELLULOSE ESTER MEMBRANES		PROCESS FOR CROSS- LINKING CELLULOSE ESTER MEMBRANES SIP - LS - BIOPROCESS DISPOSABLES		Issued	DE	29/01/2008	1924245		24/07/2026	GHBSAB

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189432	9 PU0554	PROCESS FOR CROSS-LINKING CELLULOSE ESTER MEMBRANES	PROCESS FOR CROSS-LINKING CELLULOSE ESTER MEMBRANES SIP - LS - BIOPROCESS DISPOSABLES	Issued	FR	29/01/2008	1924345		24/07/2026		GHBSAB
189432	10 PU0554	PROCESS FOR CROSS-LINKING CELLULOSE ESTER MEMBRANES	PROCESS FOR CROSS-LINKING CELLULOSE ESTER MEMBRANES SIP - LS - BIOPROCESS DISPOSABLES	Issued	GB	29/01/2008	1924345		24/07/2026		GHBSAB
191817	4 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	US	22/01/2008	6858800		22/11/2026	8858800	GHBSAB
191817	9 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	IN	31/01/2008	262571		30/08/2026		GHBSAB
191817	3 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	JP	21/02/2008	5069239		30/08/2026		GHBSAB
191817	7 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	CN	23/02/2008	465.7	ZL200680031	30/08/2026		GHBSAB
191817	8 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Filed	EP	14/03/2008		06784126.2	30/08/2025		GHBSAB
192352	12 PU0541	(1,2,3) TRIAZOLO(1,5-a)PYRIMIDINE DERIVATIVES AS CHROMATOGRAPHIC ADSORBENT FOR THE SELECTIVE ADSORPTION OF IGG	ORG A SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	FR	17/12/2007	1899342		29/06/2026		GHBSAB
192352	13 PU0541	(1,2,3) TRIAZOLO(1,5-a)PYRIMIDINE DERIVATIVES AS CHROMATOGRAPHIC ADSORBENT FOR THE SELECTIVE ADSORPTION OF IGG	ORG A SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	DE	17/12/2007	7.6	60200603942	29/06/2026		GHBSAB
192352	14 PU0541	(1,2,3) TRIAZOLO(1,5-a)PYRIMIDINE DERIVATIVES AS CHROMATOGRAPHIC ADSORBENT FOR THE SELECTIVE ADSORPTION OF IGG	ORG A SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	GB	17/12/2007	1899342		29/06/2026		GHBSAB

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192352	5 PU0541	[1, 2, 4] TRIAZOLO [1, 5-A] PYRIMIDINE DERIVATIVES AS CHROMATOGRAPHIC ADSORBENT FOR THE SELECTIVE ADSORPTION OF IGG	ORG A SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	US	17/06/2009	7625838		29/06/2026	7625838	GHBSAB
193312	9 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	FR	17/09/2007	1855729		06/03/2026		GHBSAB
193312	10 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	DE	17/08/2007	60209603903 0.0		06/03/2026		GHBSAB
193312	11 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	GB	17/09/2007	1855729		06/03/2026		GHBSAB
193312	12 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	NL	17/09/2007	1855729		06/03/2026		GHBSAB
193312	13 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	BE	17/08/2007	1855729		06/03/2026		GHBSAB
193312	8 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	US	28/09/2007	7682510		06/03/2026	7682510	GHBSAB
193312	6 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	CN	06/09/2007	ZL200680007 268.1		06/03/2026		GHBSAB
193312	3 PU0512	METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	JP	07/09/2007	5021610		06/03/2026		GHBSAB
193313	4 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	US	31/10/2007	8309709		20/09/2028	8309709	GHBSAB
193313	10 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Filed	IN	13/11/2007		8702/DELNP/ 2007	28/06/2026		GHBSAB
193313	7 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	CA	20/11/2007	2609093		26/06/2026		GHBSAB

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193313	12 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	RU	14/12/2007	2411081		28/06/2026		GHBSAB
193313	9 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Filed	EP	17/12/2007		06747969.1	28/06/2026		GHBSAB
193313	6 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Filed	BR	04/01/2008		P0612720-7			GHBSAB
193313	11 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	KR	04/01/2008	10-1328438		28/06/2026		GHBSAB
193313	3 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	JP	06/01/2008	5058159		28/06/2026		GHBSAB
193313	5 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	AU	06/01/2008	2006266529		28/06/2026		GHBSAB
193313	8 PU0547	METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	CN	07/01/2008	ZL200680024 850.9		28/06/2026		GHBSAB
193752	8 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Filed	EP	30/03/2007		05796563.4	21/10/2025		GHBSAB
193752	5 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	AU	05/04/2007	2005296352		21/10/2025		GHBSAB
193752	11 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	RU	09/04/2007	2395246		21/10/2025		GHBSAB
193752	9 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Filed	IN	10/04/2007		2647/DELNP/ 2007	21/10/2025		GHBSAB
193752	7 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	CA	12/04/2007	2583578		21/10/2025		GHBSAB
193752	3 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	US	13/04/2007	7867784			http://www.google.com/patents?vid=USPA17867784	GHBSAB
193752	6 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Filed	BR	19/04/2007		P0518216-6	15/05/2027		GHBSAB
193752	2 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	JP	20/04/2007	4831436		21/10/2025		GHBSAB
193752	10 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	KR	20/04/2007	10-1243601		21/10/2025		GHBSAB

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195752	12 PU0583	ANTIBODIES BY CHROMATOGRAPHY	ASTAIRE LIGAND	Issued	CN	20/04/2007	ZL200580036		21/10/2025		GHBSAB
195752	13 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	RU	19/03/2010	147.5 2541429		21/10/2025		GHBSAB
195752	4 US CON PU0583-	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Issued	US	04/01/2011	8895710		19/07/2026	8895710	GHBSAB
195752	14 CON2 PU0583	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Filed	US	17/11/2014		14/542816	21/10/2025		GHBSAB
199796	1 PU0595	ACTIVATED SOLID SUPPORT AND METHOD	ACTIVATED SOLID SUPPORT AND METHOD SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	SE	29/11/2005	529145		29/11/2025		GHBSAB
199796	4 PU0595	ACTIVATED SOLID SUPPORT AND METHOD	ACTIVATED SOLID SUPPORT AND METHOD SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Filed	EP	08/05/2008		06818717.8	22/11/2026	8648146	GHBSAB
199796	5 US DIV PU0595-	ACTIVATED SOLID SUPPORT AND METHOD	ACTIVATED SOLID SUPPORT AND METHOD SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	US	06/06/2012	8648146		22/11/2026		GHBSAB
2016195	1 P PU0215C1	PROTEIN LIGANDS	PROTEASE STABILITY SURE	Issued	US	27/02/2006	7709209		24/01/2024	7709209	GHBSAB
2016196	2 P2 PU0215C1	MUTANT PROTEIN	PROTEASE STABILITY SURE	Issued	US	29/09/2009	8354510		24/01/2024	8354510	GHBSAB
2016196	3 P2-CON PU0215C1	MUTANT PROTEIN	PROTEASE STABILITY SURE	Filed	US	14/01/2013		13/740793	20/03/2023		GHBSAB
220660	3 PU06100	SEPARATION MATRIX FOR VIRAL PURIFICATION	AFFILU SUPHATED DEXTRAN	Issued	US	26/03/2009	8481298		25/06/2028	8481298	GHBSAB

Doc No	Ext No	Alt Docket	Title	List of Keywords	Status	App Date	Pub Number	Pat Number	Expiration Date	Assignee
220662	5	PU06101	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Issued	AU 06/03/2009	2007300751		27/09/2027	GHBSAB
220662	9	PU06101	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Filed	IN 13/03/2009		1675/DENP/2 509	27/09/2027	GHBSAB
220662	8	PU06101	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Filed	EP 20/03/2009		07806349.9	27/09/2027	GHBSAB
220662	6	PU06101	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Filed	CA 25/03/2009		2664530	27/09/2027	GHBSAB
220662	3	PU06101	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Issued	US 26/03/2009	8329560		17/07/2028	GHBSAB
220662	7	PU06101	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Filed	CN 27/03/2009		20078003626 1.4	27/09/2027	GHBSAB
220662	10	PU06101	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Issued	JP 27/03/2009	5346539		27/09/2027	GHBSAB
220662	11	US DIV	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Issued	US 27/07/2012	8772447		27/09/2027	GHBSAB
220662	13	US CON	CHROMATOGRAPHY LIGAND COMPRISING DOMAIN C FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	DOMAIN C AS AFFINITY LIGAND	Filed	US 27/01/2014		14/164519	27/09/2027	GHBSAB
225426	3	PU0719	CROSS-LINKED CELLULOSE MEMBRANES	LIGHTLY CROSS-LINKED CELLULOSE MEMBRANES	Filed	US 16/07/2009			07/02/2026	GHBSAB

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225428	6 PU0719	CROSS-LINKED CELLULOSE MEMBRANES	LIGHTLY CROSS-LINKED CELLULOSE MEMBRANES	Issued	CN	06/08/2009	ZL200880004	229.5		07/02/2028	GHBSAB
225428	7 PU0719	CROSS-LINKED CELLULOSE MEMBRANES	LIGHTLY CROSS-LINKED CELLULOSE MEMBRANES	Issued	JP	07/08/2009	5420424			07/02/2028	GHBSAB
225428	4 PU0719	CROSS-LINKED CELLULOSE MEMBRANES	LIGHTLY CROSS-LINKED CELLULOSE MEMBRANES	Filed	EP	19/08/2009			06715706.1	07/02/2028	GHBSAB
226197	5 PU0736	PURIFICATION OF IMMUNOGLOBULINS	SULFAMIDE LIGANDS	Issued	EP	19/08/2009	2129461			20/03/2028	GHBSAB
226197	6 PU0736	PURIFICATION OF IMMUNOGLOBULINS	SULFAMIDE LIGANDS	Issued	FR	19/08/2009	2129461			20/03/2028	GHBSAB
226197	7 PU0736	PURIFICATION OF IMMUNOGLOBULINS	SULFAMIDE LIGANDS	Issued	DE	19/08/2009	60200803850	1.5		20/03/2028	GHBSAB
226197	8 PU0736	PURIFICATION OF IMMUNOGLOBULINS	SULFAMIDE LIGANDS	Issued	GB	19/08/2009	2129461			20/03/2028	GHBSAB
226197	9 PU0736	PURIFICATION OF IMMUNOGLOBULINS	SULFAMIDE LIGANDS	Issued	CH	19/08/2009	2129461			20/03/2028	GHBSAB
226197	4 PU0736	PURIFICATION OF IMMUNOGLOBULINS	SULFAMIDE LIGANDS	Filed	IN	26/08/2009			5537/DELNP/2009	20/03/2028	GHBSAB
226197	3 PU0736	PURIFICATION OF IMMUNOGLOBULINS	SULFAMIDE LIGANDS	Issued	US	30/09/2009	9044740			20/10/2029	GHBSAB
227325	3 PU0760	POLYMER TWO PHASE SYSTEM AND USE THEREOF	GENERAL PARTITION	Issued	US	03/12/2009	8268915			06/05/2029	GHBSAB
228025	9 PU0786	SEPARATION MATRIX	THIN LID BEADS	Issued	AU	01/12/2009	2008279341			22/07/2028	GHBSAB
228025	7 PU0786	SEPARATION MATRIX	THIN LID BEADS	Filed	EP	15/12/2009			08794080.4		GHBSAB
228025	3 PU0786	SEPARATION MATRIX	THIN LID BEADS	Filed	US	06/01/2010			12/667873	22/07/2028	GHBSAB
228025	5 PU0786	SEPARATION MATRIX	THIN LID BEADS	Issued	CA	16/01/2010	2693334			22/07/2028	GHBSAB
228025	6 PU0786	SEPARATION MATRIX	THIN LID BEADS	Issued	CN	18/01/2010	334.9			22/07/2028	GHBSAB
228025	8 PU0786	SEPARATION MATRIX	THIN LID BEADS	Issued	JP	25/01/2010	5643642			22/07/2028	GHBSAB
228759	5 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Filed	JP	15/02/2010			2010-523101	27/08/2028	GHBSAB
228759	6 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	AT	18/02/2010	2182990			27/08/2028	GHBSAB

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228759	7 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	CH	18/02/2010	2182990		27/08/2028	GHBSAB
228759	8 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	DE	18/02/2010	60200800620		27/08/2028	GHBSAB
228759	10 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	FR	18/02/2010	2182990		27/08/2028	GHBSAB
228759	11 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	GB	18/02/2010	2182990		27/08/2028	GHBSAB
228759	13 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	LI	18/02/2010	2182990		27/08/2028	GHBSAB
228759	14 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	NL	18/02/2010	2182990		27/08/2028	GHBSAB
228759	3 PU0795	STERILIZATION METHOD	STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS	Issued	US	18/02/2010	9101677		26/01/2029	GHBSAB
230795	6 PU07123	METHOD FOR STERILIZATION OF CHEMICALLY ACTIVATED SOLID SUPPORT MATERIALS	STERILIZATION METHOD FOR ACTIVATED SOLID SUPPORT MATERIALS	Issued	DE	26/05/2010	60200802375		27/08/2028	GHBSAB
230795	7 PU07123	METHOD FOR STERILIZATION OF CHEMICALLY ACTIVATED SOLID SUPPORT MATERIALS	STERILIZATION METHOD FOR ACTIVATED SOLID SUPPORT MATERIALS	Issued	FR	26/05/2010	2237804		27/08/2028	GHBSAB
230795	8 PU07123	METHOD FOR STERILIZATION OF CHEMICALLY ACTIVATED SOLID SUPPORT MATERIALS	STERILIZATION METHOD FOR ACTIVATED SOLID SUPPORT MATERIALS	Issued	GB	26/05/2010	2237804		27/08/2028	GHBSAB
233127	7 PU0836	CHROMATOGRAPHY MEDIUM	HIGHLY HYDROPHOBIC LID MEDIUM	Filed	EP	24/09/2010		09735164.7		GHBSAB
233127	8 PU0836	CHROMATOGRAPHY MEDIUM	HIGHLY HYDROPHOBIC LID MEDIUM	Filed	IN	29/09/2010		6864/DELNP/2010	21/04/2029	GHBSAB
233127	3 PU0836	CHROMATOGRAPHY MEDIUM	HIGHLY HYDROPHOBIC LID MEDIUM	Issued	JP	19/10/2010	5643747		21/04/2029	GHBSAB
233127	4 PU0836	CHROMATOGRAPHY MEDIUM	HIGHLY HYDROPHOBIC LID MEDIUM	Filed	US	20/10/2010				GHBSAB
233127	5 PU0836	CHROMATOGRAPHY MEDIUM	HIGHLY HYDROPHOBIC LID MEDIUM	Issued	AU	21/10/2010	2009238688		21/04/2029	GHBSAB
233127	6 PU0836	CHROMATOGRAPHY MEDIUM	HIGHLY HYDROPHOBIC LID MEDIUM	Filed	CN	21/10/2010		2009011497	21/04/2029	GHBSAB

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234277	4 PU0683	SEPARATION MEDIUM FOR CHROMATOGRAPHY OF VARIOUS BIOMOLECULES	CHARGE REPULSION LID MEDIA	Filed	US 20/02/2013					GHBSAB
237263	8 PU0901	SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	EP 23/05/2011					GHBSAB
237263	9 PU0901	SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	IN 08/06/2011					GHBSAB
237268	5 PU0901	SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	AU 15/03/2011					GHBSAB
237268	3 PU0901	SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Issued	JP 29/03/2011		5785098			GHBSAB
237268	6 PU0901	SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	CA 30/06/2011					GHBSAB
237268	7 PU0901	SEPARATING METHOD ADOPTING SINGLE POLYMER SYSTEM	ONE POLYMER TWO PHASE SYSTEM	Issued	CN 06/07/2011		ZL201080004 357.7			GHBSAB
237268	4 PU0901	SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Issued	US 26/09/2011		9115181		9115181	GHBSAB
237309	5 PU0902	AFFINITY CHROMATOGRAPHY MATRIX	MONOMERIC AND DIMERIC PROTEIN A MATRIX	Issued	CN 11/07/2011		ZL201080004 708.4			GHBSAB
237953	10 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	CN 25/04/2007			20071009870 0.9		GHBSAB
237953	7 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	IN 23/09/2009			6121/DELNP/ 2009		GHBSAB
237953	4 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	EP 30/09/2009			08741857.0		GHBSAB
237953	9 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	CA 09/10/2009			2683642		GHBSAB
237953	8 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	AU 20/10/2009		2008244684			GHBSAB

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237953	3	PU07141 PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	US	23/10/2009	8137563		21/04/2028	8137563	GHBSAB
237953	6	PU07141 PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	JP	23/10/2009	5457335		21/04/2028		GHBSAB
237953	5	PU07141 PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	CN	26/10/2009	ZL200880013 745.4		21/04/2028		GHBSAB
242394	3	PU0392 SEPARATION MATRICES	HYDROPHOBIC LIGANDS ON BASE MATRIX	Issued	JP	22/03/2012	5826180		08/10/2030		GHBSAB
242394	4	PU0392 SEPARATION MATRICES	HYDROPHOBIC LIGANDS ON BASE MATRIX	Filed	CN	11/04/2012		20108004590 1.4	08/10/2030		GHBSAB
242394	8	PU0392 SEPARATION MATRICES	HYDROPHOBIC LIGANDS ON BASE MATRIX	Filed	US	12/04/2012		13/501623	08/10/2030		GHBSAB
246827	7	PU1053 CHROMATOGRAPHY METHOD AND MEDIA USED THEREFORE	NEW IEF LID BEADS	Filed	US	09/01/2013		13/609179	26/06/2031		GHBSAB
247076	3	PU1044 METHOD FOR STORAGE AND STABILIZATION OF A TARGET SUBSTANCE	STABILIZATION AND STORAGE METHOD	Filed	US	01/02/2013		13/613600	26/04/2031		GHBSAB
249302	7	PU1061 AFFINITY CHROMATOGRAPHY MATRIX	P571 PROTEIN A PROTEIN Z MUTATION	Issued	US	29/05/2013	8859726		28/11/2031	8859726	GHBSAB
249364	4	PU1082 AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	EP	30/05/2013		11850306.9	19/12/2031		GHBSAB
249364	5	PU1082 AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	IN	04/06/2013		4935/DELNP/ 2013	19/12/2031		GHBSAB
249364	3	PU1082 AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	CN	19/06/2013		20118006111 5.6	19/12/2031		GHBSAB
249364	6	PU1082 AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	JP	19/06/2013		2013-546072	19/12/2031		GHBSAB
249364	7	PU1082 AFFINITY CHROMATOGRAPHY MATRIX	H18S	Issued	US	05/09/2013	9187555		19/12/2031		GHBSAB
249370	4	PU1097 AFFINITY CHROMATOGRAPHY MATRIX	N28A FOR INCREASED ELUTION PH	Filed	EP	30/05/2013		11850413.3	19/12/2031		GHBSAB
249370	5	PU1097 AFFINITY CHROMATOGRAPHY MATRIX	N28A FOR INCREASED ELUTION PH	Filed	IN	04/06/2013		4937/DELNP/ 2013	19/12/2031		GHBSAB

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249970	3	PU1097	AFFINITY CHROMATOGRAPHY MATRIX	N28A FOR INCREASED ELUTION PH	Filed	CN	19/06/2013	20118006111	4.1	19/12/2031	GHESAB
249970	6	PU1097	AFFINITY CHROMATOGRAPHY MATRIX	N28A FOR INCREASED ELUTION PH	Filed	JP	19/06/2013	2013-546071		19/12/2031	GHESAB
249970	7	PU1097	AFFINITY CHROMATOGRAPHY MATRIX	N28A FOR INCREASED ELUTION PH	Filed	US	20/06/2013	13/596023		19/12/2031	GHESAB
253126	3	PU1101	AFFINITY CHROMATOGRAPHY MATRIX	PROTEIN ZETA HEXAMER	Filed	US	16/05/2014	14/358821		28/11/2032	GHESAB
253268	1	PU0583CI	CHROMATOGRAPHY LIGAND	ASTAIRE LIGAND	Filed	US	13/06/2011	13/159780		21/10/2025	GHESAB
256079	7	PU1166	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	Filed	NZ	13/02/2014	621197		14/09/2032	GHESAB
256079	5	PU1166	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	Filed	EP	17/02/2014	12832274.0		14/09/2032	GHESAB
256079	6	PU1166	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	Filed	IN	24/02/2014	1365/DELNP/2014		14/09/2032	GHESAB
256079	4	PU1166	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	Filed	CN	14/03/2014	20128004483	6.3	14/09/2032	GHESAB
256079	8	PU1166	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	Filed	US	17/03/2014	14/345302		14/09/2032	GHESAB
256079	3	PU1166	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	PLASMA PROTEIN FRACTIONATION BY SEQUENTIAL POLYACID PRECIPITATION	Filed	AU	03/04/2014	2012309202		14/09/2032	GHESAB
256079	5	PU1178	METHOD FOR PURIFICATION OF CLEAVED PRO-INSULIN	INSULIN PURIFICATION WITH LID BEADS	Filed	IN	11/03/2014	1846/DELNP/2014		28/09/2032	GHESAB
256479	4	PU1178	METHOD FOR PURIFICATION OF CLEAVED PRO-INSULIN	INSULIN PURIFICATION WITH LID BEADS	Filed	EP	14/03/2014	12837180.4		28/09/2032	GHESAB
256479	6	PU1178	METHOD FOR PURIFICATION OF CLEAVED PRO-INSULIN	INSULIN PURIFICATION WITH LID BEADS	Filed	JP	26/03/2014	2014-533247		28/09/2032	GHESAB

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256479	7 PU1178	METHOD FOR PURIFICATION OF CLEAVED PRO-INSULIN	INSULIN PURIFICATION WITH LID BEADS	Filed	US 31/03/2014		14/348634	28/09/2032	GHBSAB
256479	3 PU1178	METHOD FOR PURIFICATION OF CLEAVED PRO-INSULIN	INSULIN PURIFICATION WITH LID BEADS	Filed	CN 08/04/2014		20126004775 1.8	28/09/2032	GHBSAB
256591	4 PU12107	METHOD FOR CLEANING OF PACKED BED CHROMATOGRAPHY COLUMNS		Filed	EP 26/05/2015		13862375.6	12/12/2033	GHBSAB
256591	6 PU12107	METHOD FOR CLEANING OF PACKED BED CHROMATOGRAPHY COLUMNS		Filed	US 03/06/2015		14/649227	12/12/2033	GHBSAB
256591	5 PU12107	METHOD FOR CLEANING OF PACKED BED CHROMATOGRAPHY COLUMNS		Filed	JP 11/05/2015		2015-547894	12/12/2033	GHBSAB
256591	3 PU12107	METHOD FOR CLEANING OF PACKED BED CHROMATOGRAPHY COLUMNS		Filed	CN 12/05/2015		20138006531 8.1	12/12/2033	GHBSAB
256626	6 PU1227	SEPARATION METHOD AND SEPARATION MATRIX	COPOLYMER GRAFTED CATION EXCHANGERS	Filed	IN 16/10/2014		3671/DELNP/ 2014	22/04/2033	GHBSAB
256626	7 PU1227	SEPARATION METHOD AND SEPARATION MATRIX	COPOLYMER GRAFTED CATION EXCHANGERS	Filed	JP 21/10/2014		2015-508919	22/04/2033	GHBSAB
256626	3 PU1227	SEPARATION METHOD AND SEPARATION MATRIX	COPOLYMER GRAFTED CATION EXCHANGERS	Filed	US 22/10/2014		14/396207	22/04/2033	GHBSAB
256626	5 PU1227	SEPARATION METHOD AND SEPARATION MATRIX	COPOLYMER GRAFTED CATION EXCHANGERS	Filed	EP 23/10/2014		13781240.0	22/04/2033	GHBSAB
256626	4 PU1227	SEPARATION METHOD AND SEPARATION MATRIX	COPOLYMER GRAFTED CATION EXCHANGERS	Filed	CN 24/10/2014		20138002176 4.2	22/04/2033	GHBSAB
257846	4 PU1217	AFFINITY CHROMATOGRAPHY MATRIX	DOUBLE MUTATIONS	Filed	US 15/09/2014		14/385336	26/03/2033	GHBSAB
257846	5 PU1217	AFFINITY CHROMATOGRAPHY MATRIX	DOUBLE MUTATIONS	Filed	EP 19/09/2014		13767846.2	26/03/2033	GHBSAB
257846	6 PU1217	AFFINITY CHROMATOGRAPHY MATRIX	DOUBLE MUTATIONS	Filed	JP 22/09/2014		2015-503160	26/03/2033	GHBSAB
260072	3 PU1208	METHOD FOR ENDOTOXIN REMOVAL	CAPTO CORE FOR ENDOTOXIN REMOVAL	Filed	US 22/08/2014		14/380477	27/02/2033	GHBSAB
263006	5 PU1268	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	IN 20/04/2015		3308/DELNP/ 2015	11/11/2033	GHBSAB
263006	4 PU1288	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	EP 22/04/2015		13854329.3	11/11/2033	GHBSAB

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263006	7 PU1288	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	US	06/05/2015		14/441129	11/11/2033		GHBSAB
263006	6 PU1288	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	JP	08/05/2015		2015-541741	11/11/2033		GHBSAB
263006	3 PU1288	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	CN	12/05/2015		20138005912 4.0	11/11/2033		GHBSAB
263627	4 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	CA	13/08/2012		2789738	07/03/2031		GHBSAB
263627	7 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	IN	16/08/2012		7165/DENLP/ 2012	07/03/2031		GHBSAB
263627	6 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Issued	EP	27/08/2012	2544785		07/03/2031		GHBSAB
263627	3 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	JP	04/09/2012		2012-556471	07/03/2031		GHBSAB
263627	5 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	CN	07/09/2012		20118001284 4.2	07/03/2031		GHBSAB
263627	8 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Issued	US	11/10/2012	9175067		07/03/2031		GHBSAB
263627	9 PU10122	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	PROTEIN A AFFINITY MEDIA	Filed	EP	19/06/2015		15181624 8	07/03/2031		GHBSAB
266175	2 PU1328			Filed	WO	08/07/2014		SE2014/0508 72			GHBSAB
266770	2 PU1359	METHOD FOR PRODUCTION OF A CHROMATOGRAPHY MATERIAL	Agarose RPC Octylglycidyl ether Peptide Purification Reversed Phase Chromatography (RPC)	Filed	WO	09/10/2014		SE2014/0511 94			GHBSAB
272178	2 PU1377	STABILIZATION OF FERMENTED BEVERAGES	CSS adsorber PVP	Filed	WO	26/11/2014		SE2014/0514 07			GHBSAB
272410	2 PU1428	CHROMATOGRAPHY METHOD		Filed	WO	04/06/2015		EP2015/0625 00			GHBSAB
272739	2 PU1411	SEPARATION MATRICES FOR PURIFICATION OF BIOLOGICAL PARTICLES	Salt ligand	Filed	WO	18/02/2015		SE2015/0501 86			GHBSAB
272843	2 PU1481	MODIFIED KAPPA LIGHT CHAIN-BINDING POLYPEPTIDES	PROTEIN L AFFINITY MEDIA	Filed	WO	11/12/2015		EP2015/0793 87			GHBSAB
272861	3 PU1457	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	PROTEIN A AFFINITY MEDIA	Filed	WO	16/11/2015		EP2015/0766 39			GHBSAB
280060	1	METHOD FOR CHROMATOGRAPHY	CHROMATOGRAPHY NEW PLASMAPROCESS	Filed	GB	10/04/2015		1506113.6	10/04/2035		GHBSAB

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Docket No.	Ext. No.	Alt Docket	Title	Abstract	Keywords	Status	City	Application Date	Priority Number	Application Number	Expiration Date	Google Patents	Assignee
280722	1	PU1509	SANITIZATION METHOD FOR AFFINITY CHROMATOGRAPHY MATRICES		PROTEIN A AFFINITY MEDIA	Filed	GB	03/03/2015		1503578.5	03/03/2035		GHBSAB
280957	1		A SEPARATION MATRIX AND A METHOD OF SEPARATING ANTIBODIES			Filed	GB	28/08/2015		1515339.8	28/08/2035		GHBSAB
282161	1		MANUFACTURING PROCESS FOR POLYSACCHARIDE BEADS			Filed	GB	04/06/2015		1509677.9	04/06/2035		GHBSAB
282540	2		MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES			Filed	WO	16/11/2015		EP2015/076642			GHBSAB
266175A	2	PU1330	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES		PROTEIN A AFFINITY MEDIA	Filed	WO	10/07/2014		SE2014/050882			GHBSAB
278543A	1	PU1482	MODIFIED KAPPA LIGHT CHAIN-BINDING POLYPEPTIDES		PROTEIN L AFFINITY MEDIA	Filed	SE	17/12/2014		1451564-7			GHBSAB
278543A	2	PU1482	MODIFIED KAPPA LIGHT CHAIN-BINDING POLYPEPTIDES		PROTEIN L AFFINITY MEDIA	Filed	WO	11/12/2015		EP2015/079389			GHBSAB
280960A	1		METHOD FOR CHROMATOGRAPHY		CHROMATOGRAPHY NEW PLASMAPROCESS	Filed	GB	10/04/2015		1506117.9	10/04/2035		GHBSAB
235690	4	PU0882	MICRO TITRE PLATE		ADSORPTION ISOTHERM PREDICTOR PLATES	Filed	EP	10/03/2011		09820836.6	07/10/2029		GHBSAB
235690	3	PU0882	MICRO TITRE PLATE		ADSORPTION ISOTHERM PREDICTOR PLATES	Filed	US	05/04/2011					GHBSAB
266175B	1		Mutated immunoglobulin binding polypeptide		PROTEIN A AFFINITY MEDIA	Filed	US	07/12/2015		TBD			GHBSAB
280957	1		High productivity PCC operation		MabSelect SuRe PCC	Filed	GB	28/08/2015		1515339.8			GHBSAB

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SUB-SCHEDULE 2.1.1(a)(ii)

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Trademarks and trademark applications

LEGAL#1312522v1

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TRADEMARK	COUNTRY	REGISTRATION/ APPLICATION NO
BioProcess	France	1333276
BioProcess	Canada	TMA339545
BIOPROCESS	Australia	437376
BIOPROCESS	Japan	2199350
BioProcess	French Polynesia	1333276
CAPTO	Japan	5504322
CAPTO	Russian Federation	469964
CAPTO	Singapore	T1113201C
CAPTO	Turkey	201177705
CAPTO	Korea - Republic of (South)	400943510
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CAPTO	New Zealand	716546
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CAPTO	China	4215272
CAPTO	Australia	1015276
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SUPEROSE	Canada	TMA323094
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SUPEROSE	Australia	482649

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SUB-SCHEDULE 2.1.1(a)(iii)

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Registered designs and applications for design registrations

LEGAL#13126235v1

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Patent No.	Alt Design No.	Title	IPC Class	Status	CN	App. Date	Patent Number	App. Number	Issue Date	Google Patent	Assignee
217637	1 DU0673	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	GB	19/07/2006	3026427		19/07/2031		GHBSAB
217637	2 DU0673	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	JP	16/01/2007	1373909		16/10/2024	D601912	GHBSAB
217637	3 DU0673	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	US	16/01/2007	D601912		13/10/2023		GHBSAB
217637	5 DU0673	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	EM	16/01/2007	000652649-0001		16/01/2032		GHBSAB
217637	4 DU0673	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	CN	16/01/2007	ZL200730001825.9		18/01/2017		GHBSAB
217637	6 DU0673	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Filed	IN	18/01/2007	000754122-0001	208203			GHBSAB
227881	1 DU0768	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	EM	05/07/2007	000754122-0001		05/07/2032		GHBSAB
227881	2 DU0768	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	US	20/12/2007	D639880		14/08/2025	D639880	GHBSAB
227882	2 DU0767	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	US	20/12/2007	D639880		13/05/2022	D639880	GHBSAB
227884	2 DU0766	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	US	20/12/2007	D639879		14/08/2025	D639879	GHBSAB
224973	1 DU0764	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	EM	12/01/2007	000651344		12/01/2032		GHBSAB
232368	3 DU0823	CHROMATOGRAPHY COLUMN ASSEMBLY	CHROMATOGRAPHY COLUMN ASSEMBLY	Issued	US	25/08/2008	D600579		22/08/2023	D600579	GHBSAB
232368	4 DU0823	CHROMATOGRAPHY COLUMN AND PART THEREOF	CHROMATOGRAPHY COLUMN AND PART THEREOF	Issued	US	25/08/2008	D600580		22/08/2023	D600580	GHBSAB
232368	5 DU0823	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	CN	27/08/2008	ZL200830135786.1		27/08/2018		GHBSAB
232368	1 DU0823	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	EM	26/08/2008	00082813-0001		26/08/2033		GHBSAB
232368	15 DU0823	CHROMATOGRAPHY COLUMN	CHROMATOGRAPHY COLUMN	Issued	EM	26/08/2008	00082813-0002		26/08/2033		GHBSAB

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CLOSING AGENDA

dated 30 December 2015

GE Healthcare BioProcess R&D AB

and

GE Healthcare Bio-Sciences AB

PROJECT RUFUS

LEGAL#130643176

APPENDICES

Appendix A	Business Transfer Agreement
Appendix 1.1	Equity Guarantee
Appendix 1.2	Board resolution of Instrumentarium AB approving the Business Transfer
Appendix 2.1	Shareholders resolution of BioProcess approving the Business Transfer
Appendix 2.2	Board resolution of BioProcess approving the Business Transfer
Appendix 2.3	Shareholders resolution of Bio-Sciences approving the Business Transfer
Appendix 2.4	Board resolution of Bio-Sciences approving the Business Transfer
Appendix 2.5	Shareholders resolution of Instrumentarium AB approving unconditional shareholder contribution to BioProcess
Appendix 3.1A	Board resolution of Instrumentarium AB approving the unconditional shareholder contribution
Appendix 3.1B	Unconditional shareholder contribution document
Appendix 4.1	CP Satisfaction Letter
Appendix 6.1	Intellectual Property Licence Agreement
Appendix 6.2	Research and Development Agreement
Appendix 6.3	Intellectual Property Licence Agreement (Shared IPR)
Appendix 6.4	Intra-Group Shared Services Agreement

This **CLOSING AGENDA** (the "**Closing Agenda**") is dated 30 December 2015 (the "**Closing Date**") and made between:

- (1) **GE Healthcare BioProcess R&D AB**, Reg. No. 556707-7366, a limited liability company incorporated under the laws of Sweden, and having its registered office at 751 84 Uppsala ("**BioProcess**"); and
- (2) **GE Healthcare Bio-Sciences AB**, Reg. No. 556108-1919, a limited liability company incorporated under the laws of Sweden, and having its registered office at 751 84 Uppsala ("**Bio-Sciences**").

Each of the Seller and the Purchaser is hereinafter referred to as a "**Party**" and, jointly, as the "**Parties**".

BACKGROUND

- A. The Seller and the Purchaser have entered into a business transfer agreement on 18 December 2015 (the "**Business Transfer Agreement**") Appendix A, under which the Seller has agreed to sell, and the Purchaser has agreed to purchase the Chromatography Media Business.
- B. Capitalized terms used but not otherwise defined herein shall have the same meaning ascribed to them in the Business Transfer Agreement and, unless otherwise provided for hereinafter, all references to a Clause are references to the relevant Clause of the Business Transfer Agreement.
- C. The Parties have convened at the offices of Mannheimer Swartling Advokatbyrå AB, Norrlandsgatan 21, Stockholm, on this day to consummate the Business Transfer and to take the actions prescribed and required for the Closing under the Business Transfer Agreement.

NO.	CLAUSE	ACTION/DELIVERY
1.	ACTIONS PRECEDING CLOSING	
1.1	N/A	It was acknowledged that GE Medical Systems Information Technologies Inc had made an equity guarantee in favour of Instrumentarium AB, <u>Appendix 1.1</u> .
1.2	N/A	It was acknowledged that the board of Instrumentarium AB had approved the Business Transfer, <u>Appendix 1.2</u> .
2.	PROOF OF AUTHORITY	
2.1	N/A	It was acknowledged that the general meeting of shareholders in BioProcess had approved the Business Transfer, <u>Appendix 2.1</u> .
2.2	N/A	It was acknowledged that the board of BioProcess had approved the Business Transfer, <u>Appendix 2.2</u> . The board resolutions also contain authorisations to act on behalf of BioProcess.

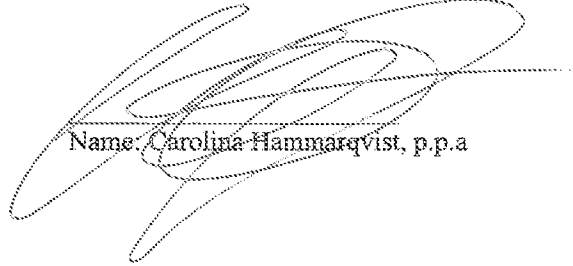
NO.	CLAUSE	ACTION/DELIVERY
2.3	N/A	It was acknowledged that the general meeting of shareholders in Bio-Sciences had approved the Business Transfer, <u>Appendix 2.3</u> .
2.4	N/A	It was acknowledged that the board of Bio-Sciences had approved the Business Transfer, <u>Appendix 2.4</u> . The board resolutions also contain authorisations to act on behalf of Bio-Sciences.
2.5	N/A	It was acknowledged that the general meeting of shareholders in Instrumentarium AB had approved the unconditional shareholder contribution from Instrumentarium AB to BioProcess set out in item 3.1 below, <u>Appendix 2.5</u>
3.	UNCONDITIONAL SHAREHOLDER CONTRIBUTION FROM INSTRUMENTARIUM AB TO BIOPROCESS	
3.1	N/A	It was acknowledged that Instrumentarium AB made an unconditional shareholder contribution to BioProcess, <u>Appendix 3.1A</u> (Board minutes) and <u>3.1B</u> (contribution document).
4.	CONDITIONS PRECEDENT	
4.1	4	The Parties acknowledged that each Condition Precedent has been fully satisfied or waived as further set out in the CP Satisfaction Letters duly executed by the Parties, <u>Appendix 4.1</u> .
5.	PRE-CLOSING ACTIONS	
5.1	3.2	The Parties acknowledged that the Seller has delivered to the Purchaser details of the Seller's Bank Account (as defined below) in due time pursuant to Clause 3.2 of the Business Transfer Agreement.
6.	CLOSING ACTIONS UNDER THE BUSINESS TRANSFER AGREEMENT	
	Miscellaneous	
6.1	F	The Parties acknowledged that the Intellectual Property Licence Agreement had been duly signed and executed by the Parties, <u>Appendix 6.1</u> .
6.2	F	The Parties acknowledged that the Research and Development Agreement had been duly signed and executed by the Parties, <u>Appendix 6.2</u> .
6.3	F	The Parties acknowledged that the Intellectual Property Licence Agreement (Shared IPR) had been duly signed and executed by the Parties, <u>Appendix 6.3</u> .
6.4	F	The Parties acknowledged that the Intra-Group Shared Services Agreement had been duly signed and executed by the Parties, <u>Appendix 6.4</u> .

NO.	CLAUSE	ACTION/DELIVERY
<i>Payment of the Purchase Price and Closing Certificate</i>		
6.5	3.1	The Purchaser paid the Purchase Price of SEK 65,731,000,000 (Sixty Five Billion Seven Hundred Thirty-one Million Swedish krona) in immediately available funds to the following bank account held by Bio-Sciences (the "Seller's Bank Account"): Bank: Danske Bank Sweden Account number: SE9812000000012410104673 SWIFT: DABASESX
6.6	N/A	Bio-Sciences confirmed the receipt of the Purchase Price of SEK 65,731,000,000 (Sixty Five Billion Seven Hundred Thirty-one Million Swedish krona).
6.7	3.2	The Parties acknowledged that the payment of the Purchase Price has been made in due time pursuant to Clause 3.2 of the Business Transfer Agreement.
6.8	5.2.1	BioProcess and Bio-Sciences agreed that this Closing Agenda shall be deemed to be the Closing Certificate referred to in Clause 5.2.1 of the Business Transfer Agreement.
<i>Notification of block of access</i>		
6.9	7.2.10	The Parties confirmed that a notification was sent to GE Healthcare Bio-Sciences Corp. attention Amit Barkan, administrator of Magic and Wipro GE Healthcare Private Limited, attention Jayakrishnan, KG, administrator of ConDoc and Apatrix, confirming that the Purchaser, effective as of the Closing Date, has the right to block Bio-Sciences' access to the Transferred Intellectual Property in said systems.
<i>Consummation of Closing</i>		
6.10	N/A	The Parties confirmed that Closing has been duly and fully completed in accordance with the Business Transfer Agreement.
<i>Governing law and disputes</i>		
6.11	N/A	The Parties agreed and acknowledged that Clause 9.6 (<i>Governing law and disputes</i>) of the Business Transfer Agreement shall apply to this Closing Agenda.

IN WITNESS WHEREOF, this Closing Agenda has been signed in two (2) originals, of which the Parties have taken one (1) each.

Date: Signed and released on 30 December 2015

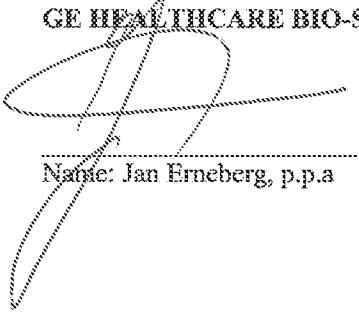
GE HEALTHCARE BIOPROCESS R&D AB



Name: Carolina Hammarqvist, p.p.a

Date: Signed and released on 30 December 2015

GE HEALTHCARE BIO-SCIENCES AB



Name: Jan Erneberg, p.p.a