

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7667477

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GE HEALTHCARE BIO-SCIENCES AB	12/30/2015
RECEIVING PARTY DATA	
Name:	GE HEALTHCARE BIOPROCESS R&D AB
Street Address:	BJORKGATAN 30
City:	UPPSALA
State/Country:	SWEDEN
Postal Code:	751 84
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18059929
CORRESPONDENCE DATA	
Fax Number:	(404)853-8806
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	4048538000
Email:	jolierowe@eversheds-sutherland.com, PatentDocket@eversheds-sutherland.us
Correspondent Name:	EVERSHEDS SUTHERLAND (US) LLP
Address Line 1:	999 PEACHTREE STREET, N.E.
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	P1005-1235-US0234428-0745
NAME OF SUBMITTER:	WILLIAM L. WARREN
SIGNATURE:	/William L. Warren/
DATE SIGNED:	11/29/2022
Total Attachments: 93	
source=GE Healthcare Bio-Sciences AB to GE Healthcare BioProcess R&D AB#page1.tif	
source=GE Healthcare Bio-Sciences AB to GE Healthcare BioProcess R&D AB#page2.tif	
source=GE Healthcare Bio-Sciences AB to GE Healthcare BioProcess R&D AB#page3.tif	
source=GE Healthcare Bio-Sciences AB to GE Healthcare BioProcess R&D AB#page4.tif	
source=GE Healthcare Bio-Sciences AB to GE Healthcare BioProcess R&D AB#page5.tif	

[illegible]

[illegible]

SCHEDULE 2.1.1(a)

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Transferred Intellectual Property Rights

LEGAL#1311829V2

W

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

Patent No.	Pub. No.	Title	Abstract	Status	Applicant	Priority No.	Applicant Name	Expiry Date	Google Patent	Assignee
175077	2 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	SE	28/02/2003	526214	28/02/2023		GHSAB
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		GHSAB
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	http://www.google.com/patents?ui=USPA1730552	GHSAB
175077	5 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	JP	08/12/2003	3016426	08/12/2023		GHSAB
175077	6 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	AU	14/08/2005	200303976	08/12/2023		GHSAB
175077	7 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Filed	CA	25/08/2005	2120360110021	08/12/2023		GHSAB
175077	8 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	CN	29/08/2005	9	08/12/2023		GHSAB
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		GHSAB
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		GHSAB
175077	13 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	CH	28/08/2005	1597269	08/12/2023		GHSAB
175077	14 PU0318	A METHOD OF GENERATING METAL CHELATING AFFINITY LIGANDS	SYNTHESIS OF THIOL COUPLED IMAC LIGANDS	Issued	DE	28/08/2005	60331470.1	08/12/2023		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
227831	3 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	US	22/12/2009	6999157	29/10/2030	http://www.google.com/patents?ui=USPA1699915	GHSAB
227831	5 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	BE	02/12/2009	2164591	07/07/2028		GHSAB
227831	6 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	FR	02/12/2009	2164591	07/07/2028		GHSAB
227831	7 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	DE	02/12/2009	602005024448.2	07/07/2028		GHSAB
227831	8 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	GB	02/12/2009	2164591	07/07/2028		GHSAB
227831	9 PU0777	METHOD FOR PREPARATION OF A BIOMOLECULE ADSORBENT	PENTA DENTATE LIGAND	Issued	SE	02/12/2009	2164591	07/07/2028		GHSAB
227831	3 PU0303	NOVEL CHELATOR AND USE THEREOF	DIMER PENTA DENTATE	Filed	EP	20/11/2012	11790066.0	30/09/2031	http://www.google.com/patents?ui=USPA11790066.0	GHSAB
245897	4 PU1053	NOVEL CHELATOR AND USE THEREOF	DIMER PENTA DENTATE	Filed	US	30/11/2012	13701074	30/09/2031		GHSAB
255490	3 PU1247	CHROMATOGRAPHY MEDIA AND USE THEREOF	NON-CROSS LINKED GST MEDIA	Filed	EP	17/12/2014	13603566.0	11/08/2033	http://www.google.com/patents?ui=USPA113603566.0	GHSAB
255490	4 PU1247	CHROMATOGRAPHY MEDIA AND USE THEREOF	NON-CROSS LINKED GST MEDIA	Filed	US	12/12/2014	14407892	11/08/2033		GHSAB

Patent No.	Pub. No.	Title	IPC Class.	Status	App. No.	Pat. No.	App. No.	Exp. Date	Google Patents	Assignee
219099	9 PU0668	AXIAL CHROMATOGRAPHY COLUMNS AND METHODS	ASYNMETRIC INLET	Filed	IN	12/12/2008	10314/DENP/200	17/07/2027		GHSAB
219100	10 PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	BOTTOMLESS COLUMN	Filed	IN	15/12/2008	10333/DENP/200	17/07/2027		GHSAB
219100	14 US CON2	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	BOTTOMLESS COLUMN	Filed	US	15/04/2014	14/252874	16/07/2027	http://www.google.com/patents?vid=USPAT	GHSAB
225849	8 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	IN	24/08/2009	5414/DENP/2009	05/03/2028		GHSAB
225849	10 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	EP	30/10/2012	12190564.0	05/03/2028		GHSAB
225849	11 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	CN	07/02/2013	201310049327.3	05/03/2028		GHSAB
225849	12 PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	DISPOSABLE COLUMN PACKING METHOD	Filed	JP	10/05/2013	2013-100206	05/03/2028		GHSAB
238835	8 PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	FILTER HOLDER WITH CHANNELS	Filed	IN	01/11/2011	8451/DENP/2011	10/05/2030		GHSAB
243604	7 PU0914	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	IN	21/05/2012	4408/DENP/2012	20/12/2030		GHSAB
243604	3 PU0914	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	JP	18/06/2012	2012-545900	20/12/2030		GHSAB
243604	6 PU0914	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	EP	19/06/2012	10839893.4	20/12/2030		GHSAB
243604	4 PU0914	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	CA	20/06/2012	2785198	20/12/2030		GHSAB
243604	8 PU0914	METHOD FOR DRY PACKING CHROMATOGRAPHY COLUMNS	DRY PACKING	Filed	US	21/06/2012	13/518029	20/12/2030	http://www.google.com/patents?vid=USPAT	GHSAB

PATENT

REEL: 062019 FRAME: 0235

Doc No.	At Doc No.	Title	Int. Class No.	Status	App. No.	App. Date	Patent Number	Application Number	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		GHSAB
244856	7 PU1019	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - ADJUSTABLE RESTRICTORS	Filed	IN	28/09/2012		8486/DELNP/2012	30/03/2031		GHSAB
244856	6 PU1019	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - ADJUSTABLE RESTRICTORS	Filed	JP	28/09/2012		2013-602636	30/03/2031		GHSAB
244856	6 PU1019	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - ADJUSTABLE RESTRICTORS	Filed	EP	22/10/2012		11763/61.5	30/03/2031		GHSAB
244857	6 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	JP	18/09/2012		2013-602636	30/03/2031		GHSAB
244857	7 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	IN	28/09/2012		8483/DELNP/2012	30/03/2031		GHSAB
244857	9 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	US	01/10/2012		13/636876	30/03/2031		GHSAB
244857	6 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	EP	22/10/2012		11763/152.3	30/03/2031		GHSAB
244857	6 PU1020	A PARALLEL SEPARATION SYSTEM	A PARALLEL SEPARATION SYSTEM - SENSORS	Filed	CN	23/10/2012		201180018011.7	30/03/2031		GHSAB

PATENT

Doc. No.	Pub. No.	Title	Classification	Status	App. No.	Pat. No.	Pub. No.	Exp. Date	Google Patents	Assignee
246958	4 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	EP	20/11/2012	11790092.B	01/06/2031		GHSAB
246958	3 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	CN	30/11/2012	201190026667.1	01/06/2031		GHSAB
246958	6 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	US	30/11/2012	13/701261	01/06/2031	http://www.google.com/patents?vid=USPAT	GHSAB
246958	6 PU1034	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES	PARALLEL ASSEMBLY - MODULAR COLUMN CONCEPT	Filed	JP	04/04/2013	2013-513139	01/06/2031	http://www.google.com/patents?vid=USPAT	GHSAB
266560	1 P PU072001	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	PRE-STERILIZED RTP	Filed	US	09/11/2012	13/672819	06/03/2028	http://www.google.com/patents?vid=USPAT	GHSAB
266561	1 P2 PU072001	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	PRE-STERILIZED CHROMATOGRAPHY COLUMN	Filed	US	09/11/2012	13/672832	06/03/2028	http://www.google.com/patents?vid=USPAT	GHSAB
273134	1 P PU0911401	PACKING OF CHROMATOGRAPHY COLUMNS		Filed	US	07/03/2014	14/201175	20/12/2030	http://www.google.com/patents?vid=USPAT	GHSAB
273136	1 P PU1034C1	A PARALLEL ASSEMBLY OF CHROMATOGRAPHY COLUMN MODULES		Filed	US	29/05/2014	14/290367	01/06/2031	http://www.google.com/patents?vid=USPAT	GHSAB
276630	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	GB	To be filed Dec 2015	TBD			GHSAB

PATENT

REEL: 062019 FRAME: 0237

11

Doc No	Ext No	Title	Lat of Keywords	Status	Ctry	Application Date	Publ Number	Publication Number	New Expiration Date	Google Patents	Assignee
173651	2 PU0235	MACROPOROUS CROSS-LINKED POLYMER PARTICLES	MACROPOROUS DIVINYLMACROPOROUS PARTICLES	Issued	JP	27/05/2003	4523408		27/05/2023	http://www.google.com/patents?vid=USPAT7048358	GHSAB
173651	6 PU0235	MACROPOROUS CROSS-LINKED POLYMER PARTICLES	MACROPOROUS DIVINYLMACROPOROUS PARTICLES	Issued	DE	27/05/2003	60332013.9		27/05/2023	http://www.google.com/patents?vid=USPAT7048358	GHSAB
173657	7 PU0241	POST-MODIFICATION OF A POROUS SUPPORT	AGAROSE GRAFTING	Issued	US	25/05/2004	7048658		08/05/2023	http://www.google.com/patents?vid=USPAT7048358	GHSAB
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	http://www.google.com/patents?vid=USPAT6706486	GHSAB
173706	5 PU9820	METHOD FOR SEPARATION ON CATION EXCHANGERS	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	CA	16/06/1999	2334980		13/06/2019		GHSAB
173706	6 PU9820	Cation exchanger requiring elevated elution ion strength	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	JP	16/06/1999	4643106		16/06/2019		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
173706	11 PU9820	FORERANDE FOR SEPARATION PA KATIONBYTARE	CATION EXCHANGER REQUIRING ELEVATED ELUTION ION STRENGTH	Issued	SE	16/06/1999	1094899		16/06/2019		GHSAB
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	6051957		22/11/2020		GHSAB

PATENT

REEL: 062019 FRAME: 0238

11/11

Doc No	Seq No	Title	Kind of Novels	Status	Cy	App Date	Pat No	App Number	New Expiration Date	Geog F Patents	Assignee
173782	10	PUR951 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	PUR951 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	PUR951 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	PUR951 METHOD FOR ANION-EXCHANGE ADSORPTION AND ANION-EXCHANGERS	A METHOD FOR ANION EXCHANGE	Issued	US	16/09/2002	6702943		22/11/2020	<3 href=http://www.google.com/patents?vid=USPAT6702943-6702943>	GHSAB
173989	1	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	AU	06/11/1996	709290		06/11/2016		GHSAB
173989	2	PUR951618 NOVEL PROTEIN A VARIANT	RPROTEIN A-CYS COUPLING	Issued	CA	06/11/1996	2236900		06/11/2016		GHSAB
173989	4	PUR951618 NOVEL PROTEIN A VARIANT	RPROTEIN A-CYS COUPLING	Issued	JP	06/11/1996	4117903		06/11/2016		GHSAB
173989	8	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	CH	06/11/1996	0873353		06/11/2016		GHSAB
173989	9	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	DE	06/11/1996	69629127.4		06/11/2016		GHSAB
173989	10	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	FR	06/11/1996	0873353		06/11/2016		GHSAB
173989	11	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	GB	06/11/1996	0873353		06/11/2016		GHSAB
173989	12	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	LI	06/11/1996	0873353		06/11/2016		GHSAB
173989	13	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	NL	06/11/1996	0873353		06/11/2016		GHSAB
173989	14	PUR951618 PROTEIN A-CYS	RPROTEIN A-CYS COUPLING	Issued	SE	06/11/1996	0873353		06/11/2016	<3 href=http://www.google.com/patents?vid=USPAT6399750-6399750>	GHSAB
173989	6	PUR951618 IGG SEPARATION MEDIUM	RPROTEIN A-CYS COUPLING	Issued	US	09/06/1997	6399750		06/11/2016		GHSAB

PATENT

REEL: 062019 FRAME: 0239

Docket No.	Att Docket No.	Title	LS of Keywords	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiration Date	Google Patents	Assignee
173997	4 PU961656	TRIS-ANION EXCHANGE	TRIS-ANEX	Issued	JP	14/02/1997	4422797		14/02/2017		GHSAB
173997	8 PU961656	TRIS-ANION EXCHANGE	TRIS-ANEX	Issued	DE	14/02/1997	69729162.0		14/02/2017		GHSAB
173997	9 PU961656	TRIS-ANION EXCHANGE	TRIS-ANEX	Issued	FR	14/02/1997	0898157		14/02/2017		GHSAB
173997	10 PU961656	TRIS-ANION EXCHANGE	TRIS-ANEX	Issued	GB	14/02/1997	0898157		14/02/2017		GHSAB
173997	6 PU961656	PROCESS FOR CHROMATOGRAPHIC SEPARATION OF PEPTIDES AND NUCLEIC ACID, AND NEW HIGH AFFINITY ION EXCHANGE MATRIX	TRIS-ANEX	Issued	US	29/12/1998	6099286		14/02/2017	http://www.google.com/patents?vid=USPAT6099286	GHSAB
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	http://www.google.com/patents?vid=USPAT6255385	GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB

PATENT

REEL: 062019 FRAME: 0240

Patent No.	Ext. No.	Alt. Doclet	Title	List of Keywords	Status	Applicant	App. Date	Pub. No.	Pub. Date	Expiry Date	Google Patents	Assignee
174007	9	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	BE	07/04/1997	0892815	07/04/2017			GHSAB
174007	10	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	CH	07/04/1997	0892815	07/04/2017			GHSAB
174007	11	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	LI	07/04/1997	0892815	07/04/2017			GHSAB
174007	12	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	DE	07/04/1997	089281418	07/04/2017			GHSAB
174007	13	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	DK	07/04/1997	0892815	07/04/2017			GHSAB
174007	14	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	ES	07/04/1997	2217413	07/04/2017			GHSAB
174007	15	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	FR	07/04/1997	0892815	07/04/2017			GHSAB
174007	16	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	GB	07/04/1997	0892815	07/04/2017			GHSAB
174007	17	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	IE	07/04/1997	0892815	07/04/2017			GHSAB
174007	18	PU961674	PROCESS FOR THE PRODUCTION OF A POROUS CROSS-LINKED POLYSACCHARIDE GEL	HIGH FLOW AGAROSE	Issued	IT	07/04/1997	697078E2004	07/04/2017			GHSAB

PATENT

REEL: 062019 FRAME: 0241

Doc No. Ext. No.	At Doclet	Title	Iss. of keywords	Status	App. Date	Pub. No.	Pub. Date	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	0892615	07/04/2017	<3 href=http://www.google.com/patents?vid=USPAT602990>6602990	GHSAB
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	<3 href=http://www.google.com/patents?vid=USPAT6602990>6602990	GHSAB
174022	14 PU971732	AN ADSORPTION/SEPARATION METHOD AND A MEDIUM FOR ADSORPTION/SEPARATION	EBA BEADS WITH EXTENDERS	Issued	GB	03/02/1998	1003699	03/02/2018		GHSAB
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	<3 href=http://www.google.com/patents?vid=USPAT6428707>6428707	GHSAB
174023	2 PU971734	LOCK/LID MATRIX	LID ACTIVATION	Issued	JP	04/03/1998	4368424	04/03/2018		GHSAB
174023	6 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	CH	04/03/1998	0966488	04/03/2018		GHSAB
174023	7 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	DE	04/03/1998	69836126.1	04/03/2018		GHSAB
174023	8 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	FR	04/03/1998	0966488	04/03/2018		GHSAB
174023	10 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	GB	04/03/1998	0966488	04/03/2018		GHSAB
174023	13 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	LI	04/03/1998	0966488	04/03/2018		GHSAB
174023	14 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	SE	04/03/1998	0966488	04/03/2018	<3 href=http://www.google.com/patents?vid=USPAT6426315>6426315	GHSAB
174023	5 PU971734	PROCESS FOR INTRODUCING A FUNCTIONALITY	LID ACTIVATION	Issued	US	14/03/2000	6426315	04/03/2018		GHSAB
174024	1 PU971735	PARTIAL ACTIVATION	LID BEADS WITH NEUTRAL SURFACE	Issued	AU	04/03/1998	729313	04/03/2018		GHSAB

PATENT

REEL: 062019 FRAME: 0242

Doc No	Exa No	Alt Doc	Title	Lat of Keywds	Status	App	Pub	Act	Exp	Google Patents	Assignee
No						Date	Number	ion	iration		
174024	2	P1971735	MATRICES FOR SEPARATION AND SEPARATION EXPLOITING SAID MATRICES	LID BEADS WITH NEUTRAL SURFACE	Issued	CA	04/03/1998	2281846	04/03/2016		GHSAB
174024	4	P1971735	PARTIAL ACTIVATION	LID BEADS WITH NEUTRAL SURFACE	Issued	JP	04/03/1998	4135812	04/03/2018	65727	GHSAB
174024	7	P1971735	MATRICES FOR SEPARATION AND SEPARATION EXPLOITING SAID MATRICES	LID BEADS WITH NEUTRAL SURFACE	Issued	US	24/01/2000	6572766	04/03/2016	65727	GHSAB
174029	2	P1971767	COATED POLYMER ARTICLE	SOURCE	Issued	JP	22/06/1998	4156675	22/06/2018		GHSAB
174029	6	P1971767	COATED POLYMER ARTICLE	SOURCE	Issued	CH	22/06/1998	1015107	22/06/2018		GHSAB
174029	7	P1971767	COATED POLYMER ARTICLE	SOURCE	Issued	DE	22/06/1998	69832502.8	22/06/2016		GHSAB
174029	9	P1971767	COATED POLYMER ARTICLE	SOURCE	Issued	FR	22/06/1998	1015107	22/06/2018		GHSAB
174029	10	P1971767	COATED POLYMER ARTICLE	SOURCE	Issued	GB	22/06/1998	1015107	22/06/2016		GHSAB
174029	12	P1971767	COATED POLYMER ARTICLE	SOURCE	Issued	LI	22/06/1998	1015107	22/06/2018		GHSAB
174029	4	P1971767	COATED POLYMER ARTICLE AND ITS USE	SOURCE	Issued	US	22/12/1999	6420028	22/06/2016	64200	GHSAB
174048	4	P1971767	A METHOD OF PRODUCING IGG	IGG-PREPARATION	Issued	BR	29/03/2001	P10109740-7	06/01/2025		GHSAB
174048	12	P1971767	A METHOD OF PRODUCING IGG	IGG-PREPARATION	Issued	US	09/12/2002	6836379	27/10/2021	68363	GHSAB
174073	6	P1971767	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	JP	16/07/2001	5306568	16/07/2021		GHSAB
174073	5	P1971767	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Filed	EP	09/12/2002	01962857.7	16/07/2021		GHSAB
174073	4	P1971767	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	CA	11/12/2002	2412586	16/07/2021		GHSAB
174073	3	P1971767	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	AU	16/12/2002	2001263945	16/07/2021		GHSAB

PATENT

REEL: 062019 FRAME: 0243

Docket No.	Ext. No.	Alt. Docket	Title	Lat. of keywords	Status	App. Date	Pub. No.	App. No.	New	Examination	Google Patents	Assignee
174073	7	PU0044	ADSORPTION METHOD AND LIGANDS	HSL CATION EXCHANGE	Issued	US 29/12/2002	7214321			17/02/2024	7214321	GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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	7379244	GHSAB
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		GHSAB
174103	4	PU0061	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	CA 29/11/2000	2392611			29/11/2020		GHSAB
174103	6	PU0061	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	JP 29/11/2000	5000059			29/11/2020		GHSAB
174103	8	PU0061	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	BE 29/11/2000	1240497			29/11/2020		GHSAB
174103	9	PU0061	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	CH 29/11/2000	1240497			29/11/2020		GHSAB

PATENT

REEL: 062019 FRAME: 0244

Doc No	Ext No	Alt Docet	Trp	Lat of Key words	Status	App Date	Pub Number	Ac Number	Exp Date	Google Patents	Assignee
174103	10	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	DE 29/11/2000	60039368.2		29/11/2020		GHSAB
174103	11	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	ES 29/11/2000	1240497		29/11/2020		GHSAB
174103	12	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	FR 29/11/2000	1240497		29/11/2020		GHSAB
174103	13	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	GB 29/11/2000	1240497		29/11/2020		GHSAB
174103	14	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	IT 29/11/2000	1240497		29/11/2020		GHSAB
174103	15	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	LI 29/11/2000	1240497		29/11/2020		GHSAB
174103	16	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	NL 29/11/2000	1240497		29/11/2020		GHSAB
174103	17	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	SE 29/11/2000	1240497		29/11/2020		GHSAB
174103	7	PU0081	METHOD OF PRODUCING POROUS SPHERICAL PARTICLES	SPINNING DISK METHOD	Issued	US 16/09/2002	6841097		06/10/2021	97	GHSAB
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		GHSAB
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		GHSAB

PATENT

REEL: 062019 FRAME: 0245

11

Doc No	Est No	At Docet	Title	List of keywords	Status	App	Pub	Ap	Exp	Google	Assignee
						Cl	Cl	Cl	Cl	Cl	Cl
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	LI	29/11/2000	1233833	29/11/2020		GHSAB
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	80015597.8	29/11/2020		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB

PATENT

REEL: 062019 FRAME: 0246

W

Doc No	Ext No	Alt Doc No	Title	List of Keywords	Status	App No	App Date	Pub No	Pub Date	Act No	Act Date	Exp Date	Google Patents	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	4893154				29/11/2020		GHSAB
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	<3 href="http://www.google.com/patents?vid=USPAT6843427">68434	GHSAB
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	21/08/2002	6843427				28/07/2021	href="http://www.google.com/patents?vid=USPAT6843427">68434	GHSAB
174104	8	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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB

PATENT

REEL: 062019 FRAME: 0247

111

Doc No. Ext. No.	AI Doc No.	Title	Use of keywords	Status	App. No.	Pub. No.	App. Date	Pub. Date	Expiry 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	7341202	15/12/2004	25/07/2021	25/07/2021	http://www.google.com/patents?vid=USPAT7341202	GHSAB
174105	3 PU0085	A METHOD FOR MIXED MODE ADSORPTION AND MIXED MODE ADSORBENTS	STOCHASTIC HSL	Issued	AU	2002235786	17/12/2001	17/12/2021	17/12/2021		GHSAB
174105	4 PU0085	A METHOD FOR MIXED MODE ADSORPTION AND MIXED MODE ADSORBENTS	STOCHASTIC HSL	Issued	CA	2431012	17/12/2001	17/12/2021	17/12/2021	http://www.google.com/patents?vid=USPAT7008542	GHSAB
174105	9 PU0085	METHOD FOR MIXED MODE ADSORPTION	STOCHASTIC HSL	Issued	US	7008542	19/06/2003	09/06/2022	09/06/2022	http://www.google.com/patents?vid=USPAT7008542	GHSAB
174121	2 PU9767	VON WILLEBRAND FACTOR (VWF) CONTAINING PREPARATION PROCESS FOR PREPARING VWF-CONTAINING PREPARATIONS AND USE OF SUCH PREPARATIONS	VWF-MULTIMER	Issued	US	6631577	11/12/1998	11/12/2018	11/12/2018	http://www.google.com/patents?vid=USPAT6631577	GHSAB
174121	4 PU9767	VON WILLEBRAND FACTOR (VWF) CONTAINING PREPARATION PROCESS FOR PREPARING VWF-CONTAINING PREPARATIONS AND USE OF SUCH PREPARATIONS	VWF-MULTIMER	Issued	GB	0934748	14/12/1998	14/12/2016	14/12/2016		GHSAB
174134	2 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	GB	2377447	12/04/2002	12/04/2022	12/04/2022		GHSAB
174134	8 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	JP	4081376	15/04/2002	15/04/2022	15/04/2022		GHSAB
174134	10 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	DE	60236789.1	15/04/2002	15/04/2022	15/04/2022		GHSAB
174134	12 PU0115	ISOLATION OF PLASMID DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	FR	1379645	15/04/2002	15/04/2022	15/04/2022	http://www.google.com/patents?vid=USPAT6916919	GHSAB
174134	9 PU0115	ISOLATION OF DNA MOLECULES	PLASMID SELECT LIGANDS	Issued	US	6916919	25/09/2003	15/04/2022	15/04/2022		GHSAB
174844	3 PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	AU	200234642	12/09/2002	12/09/2022	12/09/2022		GHSAB

PATENT

REEL: 062019 FRAME: 0248

Doc No.	Ext. No.	Alt. Docet	Title	Use of keywords	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiration Date	Google Patents	Assignee
174844	4	PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	CA	12/09/2002	2480355		12/09/2022		GHSAB
174844	7	PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	JP	12/09/2002	4188632		12/09/2022		GHSAB
174844	10	PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	CH	12/09/2002	1425092		12/09/2022		GHSAB
174844	11	PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	DE	12/09/2002	60224666.7		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		GHSAB
174844	9	PU0160	GENERATION OF ION EXCHANGER MEDIA	SCAFFOLD FOR HSL- PREPARATION	Issued	US	10/03/2004	7067059		26/04/2023	http://www.google.com/patents?vid=USPAT7067059-7067059-a	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	http://www.google.com/patents?vid=USPAT7074335-7074335-a	GHSAB
174910	3	PU0195	SEPARATION METHOD	CATION-PI INTERACTION BASED CHROMATOGRAPHY	Issued	US	21/06/2004	8138306		11/01/2025	http://www.google.com/patents?vid=USPAT8138306-8138306-a	GHSAB
174932	1	PU0215	MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	KR	20/03/2003	10-1067181		20/03/2023		GHSAB
174932	4	PU0215	MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	AU	20/03/2003	2003217119		20/03/2023		GHSAB

PATENT

REEL: 062019 FRAME: 0249

Doc No.	Att Docket	Title	Legal References	Status	Applicant	Patent Number	Application Number	Expiration Date	Google Patents	Assignee
174932	5 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	CA	20/03/2003	2479896			GHSAB
174932	8 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	IN	20/03/2003	255084	20/03/2023		GHSAB
174932	9 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	JP	20/03/2003	4391830	20/03/2023		GHSAB
174932	13 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	CH	20/03/2003	1485407	20/03/2023		GHSAB
174932	14 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	DE	20/03/2003	60327606.7	20/03/2023		GHSAB
174932	15 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	ES	20/03/2003	1485407	20/03/2023		GHSAB
174932	16 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	FR	20/03/2003	1485407	20/03/2023		GHSAB
174932	17 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	GB	20/03/2003	1485407	20/03/2023		GHSAB
174932	18 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	IT	20/03/2003	1485407	20/03/2023		GHSAB
174932	19 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	LI	20/03/2003	1485407	20/03/2023		GHSAB
174932	20 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	NL	20/03/2003	1485407	20/03/2023		GHSAB
174932	21 PU0215	MUTANT PROTEIN A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	SE	20/03/2003	1485407	20/03/2023		GHSAB
174932	10 PU0215	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	US	20/09/2004	7834158	21/02/2025		GHSAB

PATENT

REEL: 062019 FRAME: 0250

Patent No.	Eq. No.	Title	Use of 10 words	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiry Date	Google Patents	Address
174932	6	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	CN	23/09/2004	ZL03606793.5		20/03/2023		GHSAB
174932	12	MUTANT PROTEIN MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Filed	EP	10/03/2008		08004374.8	20/03/2023		GHSAB
174932	11	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	US	08/10/2010	8198404		21/02/2025	http://www.google.com/patents?vid=USPAT8198404	GHSAB
174932	22	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	KR	29/11/2010	10-1307700		20/03/2023		GHSAB
174932	27	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	CN	29/11/2011	ZL201110407855.2		20/03/2023		GHSAB
174932	28	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Filed	US	05/06/2012		13/488662	20/03/2023	http://www.google.com/patents?vid=USPAT13488662	GHSAB
174932	29	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Filed	IN	18/10/2012		9070/D/LNP/2012	20/03/2023		GHSAB
174932	30	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	KR	01/11/2012	10-1307651		20/03/2023		GHSAB
174932	31	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Issued	KR	01/11/2012	10-1307714		20/03/2023		GHSAB
174932	32	A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN	CIP-STABLE PROTEIN A-LIGAND	Filed	US	04-SEP-15		14/845617			GHSAB
174943	5	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	Filed	EP	06/09/2004		03721217.2	17/04/2023		GHSAB
174943	4	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	Issued	CA	23/09/2004	2480313		17/04/2023		GHSAB
174943	8	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	Issued	US	21/10/2004	7341682		08/10/2024	http://www.google.com/patents?vid=USPAT7341682	GHSAB
174943	6	MANUFACTURE OF POLYSACCHARIDE BEADS	GLYCOL ADDITION IN POLYSACCHARIDE BEAD PREPARATION	Issued	JP	25/10/2004	4874525		17/04/2023		GHSAB
174972	1	CHROMATOGRAPHIC TWO-LAYER PARTICLES	2-PHASE PREPARATION OF LID BEADS	Issued	US	23/02/2005	7208093		11/05/2024	http://www.google.com/patents?vid=USPAT7208093	GHSAB

PATENT

REEL: 062019 FRAME: 0251

Doc No	Ext No	At Pocket	Title	Key Words	Status	App. No	App. Date	Pub. No	Pub. Date	Expiry Date	Google Patents	Assignee
174972	5 PU0264	CHROMATOGRAPHIC TWO-LAYER PARTICLES	2-PHASE PREPARATION OF LID BEADS	Issued	JP	27/02/2006	4424669		18/08/2023		http://www.google.com/patents?vid=USPAT7368561	GHSAB
174972	10 PU0264	CHROMATOGRAPHIC TWO-LAYER PARTICLES	2-PHASE PREPARATION OF LID BEADS	Issued	GB	27/02/2005	1558927		18/08/2023		http://www.google.com/patents?vid=USPAT7368561	GHSAB
175036	3 PU0297	ISOLATION OF ANTISENSE OLIGONUCLEOTIDES	IMAC-ISOLATION OF ANTISENSE OLIGONUCLEOTIDES	Issued	US	19/05/2005	7368561		28/09/2024		http://www.google.com/patents?vid=USPAT7368561	GHSAB
175049	3 PU02103	USE OF UREA VARIANTS AS AFFINITY LIGANDS	LIGAND 1250 TO IGG BINDING POCKET	Issued	US	18/04/2005	7645903		26/01/2026		http://www.google.com/patents?vid=USPAT7645903	GHSAB
175084	3 PU0326	METHOD OF PREPARING MULTIMODAL ANION-EXCHANGE LIGANDS	SYNTHESIS OF ANION EXCHANGE LIGANDS USING HOMOCYSTEINE THIOL	Issued	US	29/08/2005	7320754		26/04/2023		http://www.google.com/patents?vid=USPAT7320754	GHSAB
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		06/03/2024		http://www.google.com/patents?vid=USPAT7320754	GHSAB
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		http://www.google.com/patents?vid=USPAT8092682	GHSAB
175206	10 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	CH	12/05/2006	1697416		21/12/2024		http://www.google.com/patents?vid=USPAT1697416	GHSAB
175206	11 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	DE	12/05/2006	60200401304		21/12/2024		http://www.google.com/patents?vid=USPAT60200401304	GHSAB
175206	12 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	FR	12/05/2006	1697416		21/12/2024		http://www.google.com/patents?vid=USPAT1697416	GHSAB
175206	13 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	GB	12/05/2006	1697416		21/12/2024		http://www.google.com/patents?vid=USPAT1697416	GHSAB
175206	15 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	LI	12/05/2006	1697416		21/12/2024		http://www.google.com/patents?vid=USPAT1697416	GHSAB
175206	8 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	CN	21/06/2006	282.9		21/12/2024		http://www.google.com/patents?vid=USPAT282.9	GHSAB

PATENT

REEL: 062019 FRAME: 0252

Doc No. Ext. No.	At Doclet	Title	List of Keywords	Status	App. No.	App. Date	P. No.	A. No.	Ex. Date	Google Patents	Assignee
175206	3 PU03100	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	JP	23/06/2006	4739233		21/12/2024	http://www.google.com/patents?vid=USPA18685248	GHSAB
175206	5 PU03100- US DIV	PURIFICATION OF IMMUNOGLOBULINS	SULPHONAMIDES	Issued	US	22/02/2010	8685248		01/12/2027	http://www.google.com/patents?vid=USPA18685248	GHSAB
175220	10 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	IN	28/06/2006	257665		24/02/2025		GHSAB
175220	6 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	CA	06/07/2006	2552623		24/02/2025		GHSAB
175220	13 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	DE	24/07/2006	60200501622 0.8		24/02/2025		GHSAB
175220	14 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	GB	24/07/2006	1716668		24/02/2025	http://www.google.com/patents?vid=USPAT7385040	GHSAB
175220	4 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	US	16/08/2006	7385040		24/03/2025	http://www.google.com/patents?vid=USPAT7385040	GHSAB
175220	11 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	KR	25/09/2006	10-1149969		24/02/2025		GHSAB
175220	6 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	AU	27/09/2006	2205217348		24/02/2025		GHSAB
175220	3 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	JP	28/09/2006	4776615		24/02/2025		GHSAB
175220	7 PU0406	ANTIBODY PURIFICATION	MAB PURIFICATION AND LEAKAGE REMOVAL ON HSL	Issued	CN	28/09/2006	ZL200580006 267.0		24/02/2025		GHSAB
175221	4 PU0407	PLASMAID PURIFICATION	PLASMAID SEPARATION ON SEPHACRYL	Issued	US	16/09/2006	8093373		26/09/2028	http://www.google.com/patents?vid=USPAT8093373	GHSAB

PATENT

REEL: 062019 FRAME: 0253

Doc No	Ext No	At Doclet	Title	List of Keywords	Status	App. No	App. Date	Pub. No	Pub. Date	Expiry Date	Google Patents	Assignee
175237	8 PU0418		A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE	Issued	DE	15/09/2006	60200502437 39		31/03/2025		GHSAB
175237	9 PU0418		A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE	Issued	FR	15/09/2006	1728667		31/03/2025		GHSAB
175237	10 PU0418		A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE	Issued	GB	15/09/2006	1728667		31/03/2025		GHSAB
175237	3 PU0418		A METHOD FOR CHROMATOGRAPHIC PURIFICATION	PEG ADDITIVE	Issued	JP	02/10/2006	4831697		31/03/2025		GHSAB
175260	8 PU0429		SEPARATION MATRIX AND METHOD OF PURIFICATION	AROMATIC SULPHONAMIDES	Filed	EP	24/11/2006		05764914.9	22/06/2025		GHSAB
175260	4 PU0429		SEPARATION MATRIX AND METHOD OF PURIFICATION	AROMATIC SULPHONAMIDES	Issued	US	13/12/2006	8114280		23/01/2028	http://www.google.com/patents?vid=USPAT6114280&8114280	GHSAB
175260	3 PU0429		SEPARATION MATRIX AND METHOD OF PURIFICATION	AROMATIC SULPHONAMIDES	Issued	JP	22/12/2006	4890453		22/06/2025		GHSAB
175260	7 PU0429		SEPARATION MATRIX AND METHOD OF PURIFICATION	SULPHONAMIDES	Issued	CN	25/12/2006	972.6		22/06/2025		GHSAB
175280	1 PU0235CI		METHOD OF PRODUCING MACROPOROUS CROSS-LINKED POLYMER PARTICLES	DIVINYL ETHERS	Issued	US	09/08/2004	7148264		27/05/2023	http://www.google.com/patents?vid=USPAT7148264&7148264	GHSAB
175284	2 PU0450		METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	US	13/10/2004	7395467		08/03/2025		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB

PATENT

REEL: 062019 FRAME: 0254

Patent No.	Seq. No.	At Requested	Title	Use of Sequence	Status	Applicant	App. Date	Pub. No.	Pub. Date	Expiry Date	Google Patents	Assignee
175284	12	PU0460	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	RU	27/02/2007	2367517		21/09/2025		GHSAB
175284	4	PU0460	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	JP	20/03/2007	5122958		21/09/2025		GHSAB
175284	8	PU0460	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	CN	20/03/2007	ZL200580031		21/09/2025		GHSAB
175284	6	PU0460	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Filed	BR	21/03/2007		P10515586-0			GHSAB
175284	6	PU0460	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	AU	22/03/2007	2005267430		21/09/2025		GHSAB
175284	11	PU0460	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	HFA BY CHEMICAL MODIFICATION OF THE AGAROSE	Issued	KR	22/03/2007	10-1215171		21/09/2025		GHSAB
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		GHSAB
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		GHSAB
175294	5	PU0460	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	AU	08/07/2006	2005216647		25/02/2025		GHSAB
175294	4	PU0460	PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	US	16/08/2006	7750129		25/06/2025	http://www.google.com/patents?vid=USPAT7750129	GHSAB
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		GHSAB
175294	11	PU0460	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	KR	25/08/2006	10-1160060		25/02/2025		GHSAB
175294	7	PU0460	ANTIBODY PURIFICATION TECHNIQUE	MAB PURIFICATION ON MULTIMODAL CATION EXCHANGER FROM FEED	Issued	CN	28/08/2006	ZL200580006		25/02/2025		GHSAB

PATENT

REEL: 062019 FRAME: 0255

W

Patent No.	Ex. No.	Title	Inventors	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiry Date	Google Patents	Assignee
175311	7	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	CA	27/03/2007	2582113		21/10/2025		GHSAB
175311	13	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	CH	30/03/2007	1807205		21/10/2025		GHSAB
175311	14	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	DE	30/03/2007	8.1		21/10/2025		GHSAB
175311	15	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	FR	30/03/2007	1807205		21/10/2025		GHSAB
175311	16	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	GB	30/03/2007	1807205		21/10/2025		GHSAB
175311	17	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	IT	30/03/2007	1807205		21/10/2025		GHSAB
175311	18	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	NL	30/03/2007	1807205		21/10/2025		GHSAB
175311	19	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	SE	30/03/2007	1807205		21/10/2025		GHSAB
175311	20	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	LI	30/03/2007	1807205		21/10/2025		GHSAB
175311	5	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	AU	05/04/2007	2005296351		21/10/2025		GHSAB
175311	12	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	RU	09/04/2007	2389652		21/10/2025		GHSAB
175311	10	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	IN	10/04/2007	260429		21/10/2025		GHSAB
175311	4	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	US	13/04/2007	7714112		25/10/2025	http://www.google.com/patents?vid=USPAT7714112	GHSAB
175311	6	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Filed	BR	19/04/2007		P10518207-7			GHSAB
175311	3	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	JP	29/04/2007	5064225		21/10/2025		GHSAB
175311	8	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Issued	CN	20/04/2007	075.4		21/10/2025		GHSAB
175311	11	PURIFICATION OF ANTIBODY	MAB ON MULTIMODAL ANIONEXCHANGER	Filed	KR	20/04/2007		10200770090	21/10/2025		GHSAB
175314	3	PURIFICATION OF IMMUNOGLOBULINS	AGAROSE MATRIX FOR AMGEN	Issued	US	22/12/2006	8728828		10/11/2028	http://www.google.com/patents?vid=USPAT8728828	GHSAB
175314	10	PURIFICATION OF IMMUNOGLOBULINS	AGAROSE MATRIX FOR AMGEN	Filed	IN	16/05/2007		3653DELNP/2007	12/12/2025		GHSAB

PATENT

REEL: 062019 FRAME: 0256

Patent No.	Ext. No.	Alt. Doc. No.	Type	Label of Invention	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiry Date	Google Patents	Assignee
175314	6	PU0474	PURIFICATION OF IMMUNOGLOBULINS	AMGEN	AGAROSE MATRIX FOR AMGEN	Issued	AU	05/06/2007	2005317279	12/12/2025		GHSAB
175314	7	PU0474	PURIFICATION OF IMMUNOGLOBULINS	AMGEN	AGAROSE MATRIX FOR AMGEN	Issued	CA	05/06/2007	2596603	12/12/2025		GHSAB
175314	5	PU0474	PURIFICATION OF IMMUNOGLOBULINS	AMGEN	AGAROSE MATRIX FOR AMGEN	Issued	JP	12/06/2007	5787461	12/12/2025		GHSAB
175314	8	PU0474	PURIFICATION OF IMMUNOGLOBULINS	AMGEN	AGAROSE MATRIX FOR AMGEN	Issued	CN	14/06/2007	050 7	12/12/2025		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
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		GHSAB
183432	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		http://www.google.com/patents?vid=USPAT8496123-8496123-4a	GHSAB
183432	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			GHSAB
183432	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			GHSAB

PATENT

REEL: 062019 FRAME: 0257

Patent No.	App No.	Title	Inventors	Status	App Date	Pub No.	App No.	Pub No.	Expiry Date	Google Patents	Assignee
184432	9 PU0564	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		GHSAB
184432	10 PU0564	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	8558800	GHSAB
191817	4 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP-LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	US	22/01/2008	6858800		22/11/2026		GHSAB
191817	9 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP-LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	IN	31/01/2008	262571		30/08/2026		GHSAB
191817	3 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP-LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	JP	21/02/2008	5069239		30/08/2026		GHSAB
191817	7 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP-LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Issued	CN	29/02/2008	465.7	ZL200690031	30/08/2026		GHSAB
191817	6 PU0573	MANUFACTURE OF CHROMATOGRAPHY MATRICES	SIP-LS - BIOPROCESS CHROMATOGRAPHY MEDIA VINYL SULPHONATE COUPLING	Filed	EP	14/03/2008		06784126.2	30/08/2026		GHSAB
192352	12 PU0541	(1,2,3) TRIAZOLE(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		GHSAB
192352	13 PU0541	(1,2,3) TRIAZOLE(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	60200603942	7.6	29/06/2026		GHSAB
192352	14 PU0541	(1,2,3) TRIAZOLE(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		GHSAB

PATENT

REEL: 062019 FRAME: 0258

Doc No. Ext. No.	At Packet Title	List of Keywords	Status	App. No.	Appl. Date	Pub. No.	Pub. Date	Expiration Date	Google Patents	Assignee
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	17/08/2009	7625838		29/08/2026	7625838	GHSAB
193312	9 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	FR	17/08/2007	1855729		08/03/2026		GHSAB
193312	10 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	DE	17/08/2007	60200603903		08/03/2026		GHSAB
193312	11 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	GB	17/08/2007	1855729		08/03/2026		GHSAB
193312	12 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	NL	17/08/2007	1855729		08/03/2026		GHSAB
193312	13 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	BE	17/08/2007	1855729		08/03/2026	7682510	GHSAB
193312	8 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	US	28/08/2007	7682510		08/03/2026		GHSAB
193312	6 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	CN	08/09/2007	ZL200680007		08/03/2026		GHSAB
193312	3 PU0512 METHOD OF STERILIZATION	SIP - LS - BIOPROCESS SEPARATION SYSTEMS WATER STERILIZATION	Issued	JP	07/09/2007	5021610		08/03/2026		GHSAB
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		29/09/2028	8309709	GHSAB
193313	10 PU0547 METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Filed	IN	19/11/2007	8702/DEN/2007		28/06/2026		GHSAB
193313	7 PU0547 METHOD OF PREPARING A SEPARATION MATRIX	HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA	Issued	CA	29/11/2007	2609093		28/06/2026		GHSAB

PATENT

REEL: 062019 FRAME: 0259

At Packet		Title		Iss. of the mode		Status	Application		Publication		New		Google Patents		Assignee
Doc. No.	Eq. No.	Title		Iss. of the mode		Status	Cy	Date	Number	Number	Date	Date	Google Patents		Assignee
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				GHSAB
193313	8 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				GHSAB
193313	6 PU0547	METHOD OF PREPARING A SEPARATION MATRIX		HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Filed	BR	04/01/2008		P10612720-7					GHSAB
193313	11 PU0547	METHOD OF PREPARING A SEPARATION MATRIX		HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Issued	KR	04/01/2008	10-1326438		28/06/2026				GHSAB
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				GHSAB
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				GHSAB
193313	8 PU0547	METHOD OF PREPARING A SEPARATION MATRIX		HFA NO. 2 WITHOUT COMPACT SIP - LS - BIOPROCESS CHROMATOGRAPHY MEDIA		Issued	CN	07/01/2008	850.9	21200680024	28/06/2026				GHSAB
193313	5 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	EP	30/03/2007		05796563.4	21/10/2025				GHSAB
193313	11 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Issued	AU	05/04/2007	2005296352		21/10/2025				GHSAB
193313	9 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	RU	09/04/2007	2396246		21/10/2025				GHSAB
193313	7 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	IN	10/04/2007		2647/DEL.NP/2007	21/10/2025				GHSAB
193313	3 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	CA	12/04/2007	2583578		21/10/2025				GHSAB
193313	2 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	US	13/04/2007	7867784		16/05/2027				GHSAB
193313	10 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	BR	19/04/2007		P10516216-6	21/10/2025				GHSAB
193313	6 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	JP	20/04/2007	4831436		21/10/2025				GHSAB
193313	4 PU0583	CHROMATOGRAPHY LIGAND		ASTAIRE LIGAND		Filed	KR	20/04/2007	10-1243601		21/10/2025				GHSAB

PATENT

REEL: 062019 FRAME: 0260

All Docket		Title		List of keywords		Status	Application		Patent Number	Publication Number	New	Examination	Google Patents	Assignee
Docket No.	File No.	Title		List of keywords		Status	App No.	App Date	Patent Number	Pub No.	Examination Date	Examination Date	Google Patents	Assignee
226759	7 PU0795	STERILIZATION METHOD		STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS		Issued	CH	18/02/2010	2182990		27/08/2026			GHSAB
226759	8 PU0795	STERILIZATION METHOD		STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS		Issued	DE	18/02/2010	60200800620	6.6	27/08/2026			GHSAB
226759	10 PU0795	STERILIZATION METHOD		STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS		Issued	FR	18/02/2010	2182990		27/08/2026			GHSAB
226759	11 PU0795	STERILIZATION METHOD		STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS		Issued	GB	18/02/2010	2182990		27/08/2026			GHSAB
226759	13 PU0795	STERILIZATION METHOD		STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS		Issued	LI	18/02/2010	2182990		27/08/2026			GHSAB
226759	14 PU0795	STERILIZATION METHOD		STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS		Issued	NL	18/02/2010	2182990		27/08/2026			GHSAB
226759	3 PU0795	STERILIZATION METHOD		STERILIZATION METHOD FOR READY-TO-PROCESS COLUMNS		Issued	US	19/02/2010	9101677		26/01/2029		http://www.google.com/patents?vid=USPAT9101677-9101677	GHSAB
226795	6 PU07123	METHOD FOR STERILIZATION OF CHEMICALLY ACTIVATED SOLID SUPPORT MATERIALS		STERILIZATION METHOD FOR ACTIVATED SOLID SUPPORT MATERIALS		Issued	DE	26/05/2010	60200902375	4.0	27/08/2026			GHSAB
226795	7 PU07123	METHOD FOR STERILIZATION OF CHEMICALLY ACTIVATED SOLID SUPPORT MATERIALS		STERILIZATION METHOD FOR ACTIVATED SOLID SUPPORT MATERIALS		Issued	FR	26/05/2010	2237604		27/08/2026			GHSAB
226795	8 PU07123	METHOD FOR STERILIZATION OF CHEMICALLY ACTIVATED SOLID SUPPORT MATERIALS		STERILIZATION METHOD FOR ACTIVATED SOLID SUPPORT MATERIALS		Issued	GB	26/05/2010	2237604		27/08/2026			GHSAB
226795	7 PU0836	CHROMATOGRAPHY MEDIUM		HIGHLY HYDROPHOBIC LIP MEDIUM		Filed	EP	24/09/2010		09736164.7				GHSAB
226795	8 PU0836	CHROMATOGRAPHY MEDIUM		HIGHLY HYDROPHOBIC LIP MEDIUM		Filed	IN	29/09/2010		6864/DELNP/2010	21/04/2029			GHSAB
226795	3 PU0836	CHROMATOGRAPHY MEDIUM		HIGHLY HYDROPHOBIC LIP MEDIUM		Issued	JP	19/10/2010	5643747		21/04/2029			GHSAB
226795	4 PU0836	CHROMATOGRAPHY MEDIUM		HIGHLY HYDROPHOBIC LIP MEDIUM		Filed	US	20/10/2010		12/886707	21/04/2029			GHSAB
226795	5 PU0836	CHROMATOGRAPHY MEDIUM		HIGHLY HYDROPHOBIC LIP MEDIUM		Issued	AU	21/10/2010	2009236686		21/04/2029			GHSAB
226795	6 PU0836	CHROMATOGRAPHY MEDIUM		HIGHLY HYDROPHOBIC LIP MEDIUM		Filed	CN	21/10/2010		20098011497	21/04/2029			GHSAB

PATENT

REEL: 062019 FRAME: 0264

Doc No	Ext No	AI Doclet	Title	List of keywords	Status	App. No	App. Date	Pub. No	Pub. Date	Expiry Date	Google Patents	Assignee
234277	4 PU0863		SEPARATION MEDIUM FOR CHROMATOGRAPHY OF VARIOUS BIOMOLECULES	CHARGE REPULSION LID MEDIA	Filed	US	20/02/2013		12/988707	04/06/2029	http://www.google.com/patents?vid=USPAT	GHSAB
237268	8 PU0901		SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	EP	23/05/2011		10729364.9	07/01/2030		GHSAB
237263	9 PU0901		SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	IN	08/06/2011		4301/DELNP/2011	07/01/2030		GHSAB
237268	5 PU0901		SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	AU	15/08/2011		2010203836	07/01/2030		GHSAB
237268	3 PU0901		SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Issued	JP	29/06/2011	5793098		07/01/2030		GHSAB
237268	6 PU0901		SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Filed	CA	30/06/2011		2748407	07/01/2030		GHSAB
237268	7 PU0901		SEPARATION METHOD ADOPTING SINGLE POLYMER SYSTEM	ONE POLYMER TWO PHASE SYSTEM	Issued	CN	06/07/2011	ZL201080004357.7		07/01/2030		GHSAB
237268	4 PU0901		SEPARATION METHOD USING SINGLE POLYMER PHASE SYSTEMS	ONE POLYMER TWO PHASE SYSTEM	Issued	US	26/09/2011	9115181		02/08/2032	http://www.google.com/patents?vid=USPAT9115181-9115181	GHSAB
237309	5 PU0902		AFFINITY CHROMATOGRAPHY MATRIX	MONOMERIC AND DIMERIC PROTEIN A MATRIX	Issued	CN	11/07/2011	ZL201080004708.4		11/01/2030		GHSAB
237953	10 PU07141		PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	CN	25/04/2007		20071009870.9	25/04/2027		GHSAB
237953	7 PU07141		PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	IN	23/09/2009		6121/DELNP/2009	21/04/2028		GHSAB
237953	4 PU07141		PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	EP	30/09/2009		08741857.0	21/04/2026		GHSAB
237953	9 PU07141		PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Filed	CA	09/10/2009		2683642	21/04/2026		GHSAB
237953	8 PU07141		PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	AU	20/10/2009	2008244684		21/04/2026		GHSAB

PATENT

REEL: 062019 FRAME: 0265

Doc No. Ext. No.	Alt Doc/Ext	Title	Use of keywords	Status	Application Cty Date	Pub Number	Pat Number	Rev Expiration Date	Google Patents	Assignee
237953	3 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	US 23/10/2009	8137563		21/04/2026	http://www.google.com/patents?vid=USPAT8137563	GHSAB
237953	6 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	JP 23/10/2009	5457335		21/04/2026		GHSAB
237953	5 PU07141	PREPARATION OF POLYSACCHARIDE BEADS	PREPARATION OF POLYSACCHARIDE BEADS	Issued	CN 26/10/2009	745 4	21,200880013	21/04/2026		GHSAB
242394	3 PU0992	SEPARATION MATRICES	HYDROPHOBIC LIGANDS ON BASE MATRIX	Issued	JP 22/03/2012	5826180		08/10/2030		GHSAB
242394	4 PU0992	SEPARATION MATRICES	HYDROPHOBIC LIGANDS ON BASE MATRIX	Filed	CN 11/04/2012		20108004690	08/10/2030		GHSAB
242394	8 PU0992	SEPARATION MATRICES	HYDROPHOBIC LIGANDS ON BASE MATRIX	Filed	US 12/04/2012		13/501623	08/10/2030	http://www.google.com/patents?vid=USPAT13501623	GHSAB
246827	7 PU1053	CHROMATOGRAPHY METHOD AND MEDIA USED THEREFORE	NEW IEF LID BEADS	Filed	US 09/01/2013		13/609179	28/06/2031	http://www.google.com/patents?vid=USPAT13609179	GHSAB
247076	3 PU1044	METHOD FOR STORAGE AND STABILIZATION OF A TARGET SUBSTANCE	STABILIZATION AND STORAGE METHOD	Filed	US 01/02/2013		13/613600	28/04/2031	http://www.google.com/patents?vid=USPAT13613600	GHSAB
249302	7 PU1081	AFFINITY CHROMATOGRAPHY MATRIX	P571 PROTEIN A/PROTEIN Z MUTATION	Issued	US 29/05/2013	8859726		28/11/2031	http://www.google.com/patents?vid=USPAT8859726	GHSAB
249964	4 PU1082	AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	EP 30/05/2013		11850306.9	19/12/2031		GHSAB
249964	5 PU1082	AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	IN 04/06/2013		4835/DELNP/2013	19/12/2031		GHSAB
249964	3 PU1082	AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	CN 19/06/2013		2013006111	19/12/2031		GHSAB
249964	6 PU1082	AFFINITY CHROMATOGRAPHY MATRIX	H18S	Filed	JP 19/06/2013		2013-546072	19/12/2031		GHSAB
249964	7 PU1082	AFFINITY CHROMATOGRAPHY MATRIX	H18S	Issued	US 05/09/2013	9187555		19/12/2031	http://www.google.com/patents?vid=USPAT9187555	GHSAB
249970	4 PU1097	AFFINITY CHROMATOGRAPHY MATRIX	N28A FOR INCREASED ELUTION PH	Filed	EP 30/05/2013		11850413.3	19/12/2031		GHSAB
249970	5 PU1097	AFFINITY CHROMATOGRAPHY MATRIX	N28A FOR INCREASED ELUTION PH	Filed	IN 04/06/2013		4937/DELNP/2013	19/12/2031		GHSAB

PATENT

REEL: 062019 FRAME: 0266

Doc No.	Eq. No.	Title	Abstract	Status	App. No.	App. Date	Pub. No.	Pub. Date	Expiry Date	Google Patents	Assignee
256479	7	PUI178	METHOD FOR PURIFICATION OF CLEAVED PRO-INSULIN	Filed	US	31/03/2014		14/348624	28/09/2032	http://www.google.com/patents?vid=USPAT	GHSAB
256479	3	PUI178	METHOD FOR PURIFICATION OF CLEAVED PRO-INSULIN	Filed	CN	08/04/2014		20126904775	28/09/2032		GHSAB
256591	4	PUI2107	METHOD FOR CLEANING OF PACKED BED	Filed	EP	26/05/2015		13862375.6	12/12/2033	http://www.google.com/patents?vid=EP	GHSAB
256591	6	PUI2107	METHOD FOR CLEANING OF PACKED BED	Filed	US	03/06/2015		14/649227	12/12/2033	http://www.google.com/patents?vid=USPAT	GHSAB
256591	5	PUI2107	METHOD FOR CLEANING OF PACKED BED	Filed	JP	11/05/2015		2015-547894	12/12/2033		GHSAB
256591	3	PUI2107	METHOD FOR CLEANING OF PACKED BED	Filed	CN	12/05/2015		20138006531	12/12/2033		GHSAB
256626	6	PUI227	SEPARATION METHOD AND SEPARATION MATRIX	Filed	IN	16/10/2014		8671/DELNP/2014	22/04/2033		GHSAB
256626	7	PUI227	SEPARATION METHOD AND SEPARATION MATRIX	Filed	JP	21/10/2014		2015-508919	22/04/2033	http://www.google.com/patents?vid=JP	GHSAB
256626	3	PUI227	SEPARATION METHOD AND SEPARATION MATRIX	Filed	US	22/10/2014		14/396207	22/04/2033	http://www.google.com/patents?vid=USPAT	GHSAB
256626	5	PUI227	SEPARATION METHOD AND SEPARATION MATRIX	Filed	EP	23/10/2014		13781240.0	22/04/2033		GHSAB
256626	4	PUI227	SEPARATION METHOD AND SEPARATION MATRIX	Filed	CN	24/10/2014		20138002176	22/04/2033		GHSAB
257846	4	PUI217	AFFINITY CHROMATOGRAPHY MATRIX	Filed	US	15/09/2014		14/385336	26/03/2033	http://www.google.com/patents?vid=USPAT	GHSAB
257846	5	PUI217	AFFINITY CHROMATOGRAPHY MATRIX	Filed	EP	16/09/2014		13767846.2	26/03/2033		GHSAB
257846	6	PUI217	AFFINITY CHROMATOGRAPHY MATRIX	Filed	JP	22/09/2014		2015-503160	26/03/2033	http://www.google.com/patents?vid=JP	GHSAB
260072	3	PUI208	METHOD FOR ENDOTOXIN REMOVAL	Filed	US	22/09/2014		14/380477	27/02/2033	http://www.google.com/patents?vid=USPAT	GHSAB
263006	5	PUI268	MULTIMODAL ANION EXCHANGE MATRICES	Filed	IN	20/04/2015		3308/DELNP/2015	11/11/2033		GHSAB
263006	4	PUI288	MULTIMODAL ANION EXCHANGE MATRICES	Filed	EP	22/04/2015		13854329.3	11/11/2033		GHSAB

PATENT

REEL: 062019 FRAME: 0268

Doc No. Est. No.	Alt Product	Title	Lab of Keywords	Status	App. No.	App. Date	Inventor Number	Pub. No.	Pub. Date	Google Patents	Assignee
263006	7 PU1286	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	US	06/05/2015		14/441129	11/11/2033	http://www.google.com/patents?vid=USPAT	GHSAB
263006	6 PU1288	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	JP	08/05/2015		2015-541741	11/11/2033		GHSAB
263006	3 PU1286	MULTIMODAL ANION EXCHANGE MATRICES	NEW ADHERE LIGAND VARIETIES	Filed	CN	12/05/2015		4.0	11/11/2033		GHSAB
263627	4 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	CA	13/06/2012		2789738	07/03/2031		GHSAB
263627	7 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	IN	16/06/2012		7165/DELNP/2012	07/03/2031		GHSAB
263627	6 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Issued	EP	27/08/2012	2544785		07/03/2031		GHSAB
263627	3 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	JP	04/09/2012		2012-556471	07/03/2031		GHSAB
263627	5 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Filed	CN	07/09/2012		20118001284	07/03/2031		GHSAB
263627	8 PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	POLYPEPTIDE	Issued	US	11/10/2012	9175067		07/03/2031	http://www.google.com/patents?vid=USPAT	GHSAB
263627	9 PU10122	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	PROTEIN A AFFINITY MEDIA	Filed	EP	19/08/2015		15181524.8	07/03/2031		GHSAB
266175	2 PU1328	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Agarose RPC Octylglycidyl ether Peptide Purification Reversed Phase Chromatography (RPC)	Filed	WO	08/07/2014		SE2014/0508			GHSAB
268770	2 PU1359	METHOD FOR PRODUCTION OF A CHROMATOGRAPHY MATERIAL	CSS adsorber PVP	Filed	WO	26/11/2014		EP2015/0625			GHSAB
272178	2 PU1377	CHROMATOGRAPHY METHOD	Salt ligand	Filed	WO	04/06/2015		EP2015/0501			GHSAB
274839	2 PU1411	SEPARATION MATRICES FOR PURIFICATION OF BIOLOGICAL PARTICLES	PROTEIN L AFFINITY MEDIA	Filed	WO	11/12/2015		EP2015/0793			GHSAB
278643	2 PU1481	MODIFIED KAPPA LIGHT CHAIN-BINDING POLYPEPTIDES	PROTEIN A AFFINITY MEDIA	Filed	WO	16/11/2015		EP2015/0766			GHSAB
278661	3 PU1467	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	CHROMATOGRAPHY NEW PLASMAPROCESS	Filed	WO	16/11/2015		1506113.8	10/04/2035		GHSAB
280060	1	METHOD FOR PRODUCTION OF A CHROMATOGRAPHY MATERIAL		Filed	GB	10/04/2015					GHSAB

PATENT

REEL: 062019 FRAME: 0269

Patent No.	Eq. No.	At Packed	Title	Use of Keywords	Status	Applicant	Pub. No.	Application Number	Publication 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		GHSAB
290957	1		A SEPARATION MATRIX AND A METHOD OF SEPARATING ANTIBODIES		Filed	GB	28/08/2015		1515339.8	28/08/2035		GHSAB
282161	1		MANUFACTURING PROCESS FOR POLYSACCHARIDE BEADS		Filed	GB	04/06/2015		1509677.9	04/06/2035		GHSAB
282540	2		MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES		Filed	WO	16/11/2015		EP20150766 42			GHSAB
286175A	2	PU1330	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	PROTEIN A AFFINITY MEDIA	Filed	WO	10/07/2014		SE2014/0508 82			GHSAB
278543A	1	PU1482	MODIFIED KAPPA LIGHT CHAIN-BINDING POLYPEPTIDES	PROTEIN L AFFINITY MEDIA	Filed	SE	17/12/2014		1451664.7 EP2015/0793 89			GHSAB
278543A	2	PU1482	MODIFIED KAPPA LIGHT CHAIN-BINDING POLYPEPTIDES	PROTEIN L AFFINITY MEDIA	Filed	WO	11/12/2015					GHSAB
280960A	1		METHOD FOR CHROMATOGRAPHY	CHROMATOGRAPHY NEW PLASMAPROCESS	Filed	GB	10/04/2015		1506117.9	10/04/2035		GHSAB
236690	4	PU0882	MICRO TITRE PLATE	ADSORPTION ISOTHERM PREDICTOR PLATES	Filed	EP	10/03/2011		09820836.6	07/10/2029		GHSAB
236690	3	PU0882	MICRO TITRE PLATE	ADSORPTION ISOTHERM PREDICTOR PLATES	Filed	US	05/04/2011		13122585	07/10/2029		GHSAB
266175B	1		Mutated immunoglobulin binding polypeptide	PROTEIN A AFFINITY MEDIA	Filed	US	07/12/2015		TBD			GHSAB
280957	1		High productivity PCC operation	MabSelect Sure PCC	Filed	GB	28/09/2015		1515339.8			GHSAB

PATENT

REEL: 062019 FRAME: 0270

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

W

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
CAPTO	Argentina	2077557
CAPTO	CTM	3952017
CAPTO	India	1303076
CAPTO	Mexico	884800
CAPTO	United States of America	3112443
CAPTO	Brazil	827033133
CAPTO	Argentina	2077559
CAPTO	Norway	241795
CAPTO	Switzerland	P-529471
CAPTO	Brazil	827033125
CAPTO	Mexico	868175
CAPTO	Canada	TMA677895
CAPTO	New Zealand	716546
CAPTO	China	4215291
CAPTO	China	4215272
CAPTO	Australia	1015276
DROP DESIGN	Canada	TMA318300
DROP DESIGN (NEG)	Denmark	VR196800362
DROP DEVICE	Denmark	VR196800361
DROP DEVICE	Norway	74427
DROP DEVICE	Sweden	122445
DROP DEVICE	Hong Kong	199608656
DROP DEVICE	Singapore	T9504241Z
DROP DEVICE	Turkey	200127130
DROP DEVICE	Singapore	T9504239H
DROP DEVICE	Australia	660580
DROP DEVICE	Belarus	7811
DROP DEVICE (POSITIVE)	Finland	54129
GAMMABIND	Germany	1134833
GAMMABIND	Japan	2307218
GAMMABIND	United States of America	1511384
GAMMABIND	United Kingdom	1337491
GAMMABIND	Benelux	440932
GAMMABIND	France	1454529
MABSELECT	Cuba	20060721
MABSELECT	CTM	10386662
MABSELECT	Saudi Arabia	65717
MABSELECT	Japan	4378549

Wd

MABSELECT	Japan	4904336
MABSELECT	Kazakhstan	5958
MABSELECT	Ukraine	16348
MABSELECT	Australia	857391
MABSELECT	China	1696054
MABSELECT	China	1981906
MABSELECT	Switzerland	P-487623
MABSELECT	United States of America	2606880
MABSELECT	Saudi Arabia	64776
MABSELECT	Norway	214969
MABSELECT	Canada	TMA576496
MABSELECT	Venezuela	P258532
MABSELECT	Saudi Arabia	65349
MABSELECT	Canada	TMA325547
MABSELECT	Venezuela	P258531
MABSELECT SURE	United States of America	3121281
MABSELECT SURE	CTM	4028353
MABSELECT XTRA	United States of America	3165701
MABSELECT XTRA	CTM	4029096
MABTRAP	Norway	211073
MABTRAP	China	1747815
MABTRAP	Australia	867456
MABTRAP	Switzerland	P-493790
MABTRAP	Taiwan	1026255
MABTRAP	United States of America	1586594
MABTRAP	Israel	147249
MABTRAP	Brazil	823706249
MABTRAP (STYLISED)	Japan	4582706
MBPTRAP	Argentina	2194842
MBPTRAP	Chile	822102
MBPTRAP	Mexico	982549
MBPTRAP	Brazil	828947937
MBPTRAP	Venezuela	P288895
MBPTRAP	Argentina	2187106
MBPTRAP	Venezuela	P288892
MBPTRAP	Canada	TMA735027
MBPTRAP	Venezuela	P288894
MBPTRAP	Brazil	828948046
MBPTRAP	Venezuela	P288893
MONO P	CTM	3476281
MONO P	United States of America	4777271
MONO P	Japan	2013615
MONO P	Japan	Appl. No. 1255663
MONO P	CTM	14231518
MONO P	WIPO	1255663
MONO Q	Japan	Appl. No. 1255662
MONO Q	CTM	14231567
MONO Q	WIPO	1255662
MONO Q	Japan	2013616
MONO Q	United States of America	4777286
MONO Q	CTM	3477668

Vol

MONO Q	United States of America	1311779
MONO S	United States of America	1311778
MONO S	United States of America	4777285
MONO S	CTM	3485687
MONO S	Japan	Appl. No. 1255661
MONO S	CTM	14231401
MONO S	WIPO	1255661
MONOBEADS	Norway	211629
MONOBEADS	Taiwan	993671
MONOBEADS	Japan	2096424
MONOBEADS	China	1740081
MONOBEADS	Australia	868686
MONOBEADS	Argentina	2621661
MONOBEADS	India	999687
MONOBEADS	Switzerland	P-490431
MONOBEADS	Mexico	710689
MONOBEADS	Canada	575449
MONOBEADS	Brazil	823706192
MONOBEADS	Israel	147254
MONOBEADS	CTM	2140945
MONOBEADS	Korea - Republic of (South)	539801
PREDICTOR	Japan	5179047
PREDICTOR	China	6262366
PREDICTOR	China	6262365
PREDICTOR	CTM	6241822
PREDICTOR	United States of America	3697805
READY TO PROCESS	France	63463253
READYTOPROCESS	United States of America	3537591
READYTOPROCESS	Canada	TMA826259
READYTOPROCESS	Germany	30670702
READYTOPROCESS	Japan	5099577
SEPHACEL	Ireland	91985
SEPHACEL	Finland	53259
SEPHACEL	France	1403557
SEPHACEL	Denmark	VR196800608
SEPHACEL	Kosovo	Appl. No. 1933
SEPHACEL	Canada	TMA175235
SEPHACEL	Cuba	2002-0478
SEPHACEL	Norway	73010
SEPHACEL	Sweden	122348
SEPHACEL	Japan	914233
SEPHACEL	Germany	848449
SEPHACEL	Australia	254543
SEPHACEL	United Kingdom	908489
SEPHACEL	United States of America	4055424
SEPHACRYL	CTM	3346962
SEPHACRYL	Switzerland	P-368878
SEPHACRYL	Australia	223499
SEPHACRYL	China	850021
SEPHACRYL	Japan	886159
SEPHACRYL	Canada	TMA169949

Handwritten signature

SEPHACRYL	Norway	83727
SEPHACRYL	United States of America	942529
SEPHACRYL	Brazil	814294006
SEPHADEX	India	516533
SEPHADEX	Norway	53469
SEPHADEX	Denmark	VR195901979
SEPHADEX	Argentina	2578214
SEPHADEX	Portugal	249097
SEPHADEX	United Kingdom	788337
SEPHADEX	Spain	1271007
SEPHADEX	Italy	1256283
SEPHADEX	Austria	43730
SEPHADEX	Canada	TMA119497
SEPHADEX	Finland	35720
SEPHADEX	United States of America	2752292
SEPHADEX	Brazil	814294022
SEPHADEX	Sweden	115437
SEPHADEX	Argentina	2601644
SEPHADEX	Ireland	91990
SEPHADEX	Switzerland	2P-302053
SEPHADEX	France	1304612
SEPHADEX	Israel	21709
SEPHADEX	Japan	709762
SEPHADEX	China	850035
SEPHADEX	Australia	250793
SEPHADEX	Germany	750175
SEPHADEX	New Zealand	72728
SEPHADEX	Benelux	83837
SEPHADEX	French Polynesia	1304612
SEPHAROSE	Brazil	814294014
SEPHAROSE	Australia	482650
SEPHAROSE	China	850048
SEPHAROSE	Japan	1960742
SEPHAROSE	United States of America	832512
SEPHAROSE	India	516535
SEPHAROSE	Cuba	4762002
SEPHAROSE	CTM	3399731
SEPHAROSE	Switzerland	P-341236
SEPHAROSE	Canada	TMA155718
SEPHAROSE	Norway	68277
SOURCE	United States of America	2006485
SOURCE	CTM	3476298
STREAMLINE	United States of America	1937434
STREAMLINE	CTM	3498111
STREAMLINE	Japan	3047349
STREAMLINE	Japan	3077300
SUPERDEX	Japan	2245801
SUPERDEX	Japan	2341445
SUPERDEX	CTM	3344462
SUPERDEX	United States of America	1793147
SUPEROSE	Argentina	2546272

SUPEROSE	Canada	TMA323094	
SUPEROSE	Mexico		708125
SUPEROSE	New Zealand		170047
SUPEROSE	United States of America		1811757
SUPEROSE	CTM		2129120
SUPEROSE	Japan		2015930
SUPEROSE	Australia		482649

Handwritten mark

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

MLL

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.

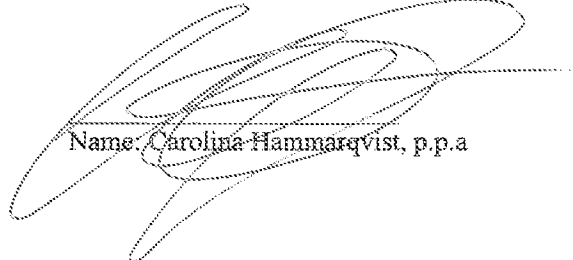
NO.	CLAUSE	ACTION/DELIVERY
2.3	N/A	It was acknowledged that the general meeting of shareholders in Bio-Sciences had approved the Business Transfer, <u>Appendix 2.3</u> .
2.4	N/A	It was acknowledged that the board of Bio-Sciences had approved the Business Transfer, <u>Appendix 2.4</u> . The board resolutions 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

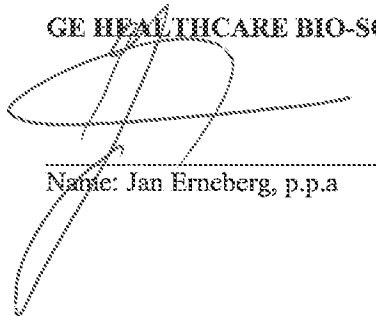
GE HEALTHCARE BIOPROCESS R&D AB



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

Business Transfer Agreement

dated 18 December 2015

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Transfer of Chromatography Media Business



TABLE OF CONTENTS

1.	DEFINITIONS AND INTERPRETATION.....	4
2.	SALE AND PURCHASE	6
3.	PURCHASE PRICE AND PAYMENT.....	7
4.	CONDITIONS PRECEDENT.....	8
5.	CLOSING.....	9
6.	REPRESENTATIONS AND WARRANTIES	10
7.	COVENANTS.....	13
8.	INDEMNIFICATION	17
9.	MISCELLANEOUS.....	20

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)
Schedule F(d)	Intra-Group Shared Services Agreement
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.

44

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.

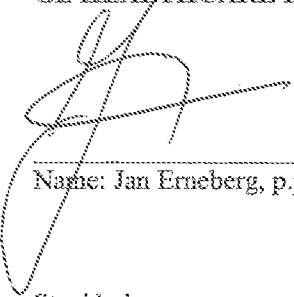
The Parties hereby consent to such dispute being so resolved.

- 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.

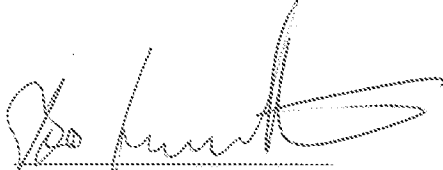
Stockholm
18 December 2015

GE HEALTHCARE BIO-SCIENCES AB



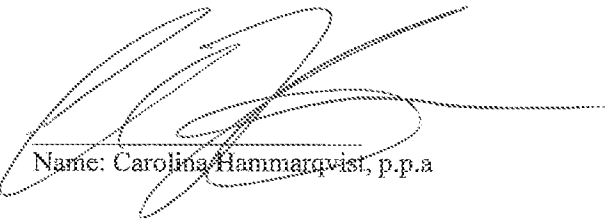
Name: Jan Erneberg, p.p.a

Stockholm
18 December 2015



Name: Bo Lundström, p.p.a

GE HEALTHCARE BIOPROCESS R&D AB



Name: Carolina Hammarqvist, p.p.a

Amendment Agreement

dated 19 June 2017

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Transfer of Chromatography Media Business

TABLE OF CONTENTS

1.	DEFINITIONS AND INTERPRETATION.....	3
2.	INTEGRATED PART AND PREVAILING DOCUMENT	4
3.	SALE AND PURCHASE OF THE ADDITIONAL INTELLECTUAL PROPERTY RIGHTS .	4
4.	PURCHASE PRICE	4
5.	MISCELLANEOUS	4

SCHEDULES

Schedule 3.1	Additional Intellectual Property Rights
--------------	---

This **Amendment Agreement** is dated as set out below 2016 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. On 18 December 2015, Bio-Sciences and the Purchaser entered into a Business Transfer (the "**BTA**") under which the Chromatography Media Business (as defined in the BTA) was transferred to the Purchaser and such transfer was completed on 30 December 2015.
- B. A. Recently, the Parties have identified a number of Additional Intellectual Property Rights (as defined in the BTA) that are exclusively attributable to the Chromatography Media Business and therefore rightfully should have been included in the Business Transfer. The Additional Intellectual Property Rights would have been included in the Business Transfer had they been identified prior to the Closing Date. The Parties note that certain Additional Intellectual Property Rights were acquired by Bio-Sciences from other entities within the Parties' group to be assigned to the Purchaser under this Amendment Agreement. For administrative purposes solely, the Parties acknowledge that the Purchaser will, subsequent to entering into this Amendment Agreement and to the extent permitted under the relevant jurisdictions, be registered as the owner of such Additional Intellectual Property Rights directly, hence, not registering the initial assignment of such Additional Intellectual Property Rights to Bio-Sciences.
- C. In view of the foregoing, the Parties now have agreed to amend the terms of the BTA as follows.

1. DEFINITIONS AND INTERPRETATION

1.1 Definitions

"**Additional Intellectual Property Rights**" means the additional Transferred Intellectual Property Rights as defined in Clause 7.2.4.2 in the BTA identified by the Parties after the Closing Date.

"**Amendment Agreement**" means this agreement, including its schedules, and as amended from time to time.

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

"**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.

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

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

2. INTEGRATED PART AND PREVAILING DOCUMENT

This Amendment Agreement shall be an integrated part of the BTA and, thus, any and all provisions in the BTA shall also apply to this Amendment Agreement.

In the event any provisions in the BTA and the Amendment Agreement would be inconsistent or in conflict with each other, the provisions in this Amendment Agreement shall prevail.

3. SALE AND PURCHASE OF THE ADDITIONAL INTELLECTUAL PROPERTY RIGHTS

3.1 Effective as of this Amendment Signing Date, Bio-Sciences hereby sells and transfers and the Purchaser purchases and acquires all Intellectual Property Rights listed or described in Schedule 3.1 (collectively the **"Additional Intellectual Property Rights"**).

3.2 Accordingly, all title to and interest in the Additional Intellectual Property Rights shall pass and transfer to the Purchaser on this Amendment Signing Date.

3.3 The Additional Intellectual Property Rights shall be deemed to be included by the definition of Transferred Intellectual Property Rights. Thus, and without limitation, Clause 7.2.1 of the BTA shall apply.

4. PURCHASE PRICE

4.1 Purchase Price

The Parties agree and acknowledge that the Purchase Price set out in the BTA and already paid for the Chromatography Media Business shall also be deemed to include full compensation for the Additional Intellectual Property Rights. Hence, no further purchase price shall be payable as regards the Additional Intellectual Property Rights.

5. MISCELLANEOUS

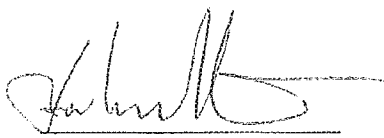
Without limiting the generality of Section 2, the provisions on applicable law, dispute resolution and arbitration shall also apply to this Amendment Agreement and any references to the BTA, shall be deemed to include also a reference to this Amendment Agreement.

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

Uppsala
19 June 2017

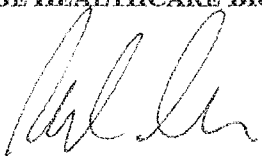
GE HEALTHCARE BIO-SCIENCES AB

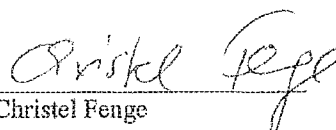

Ann-Christine Löfgren


Bo Lundström

Uppsala
19 June 2017

GE HEALTHCARE BIOPROCESS R&D AB


Sofie Stille


Christel Fenge

SCHEDULE 3.1

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Additional Intellectual Property Rights

LEGAL#13240044v2

1. Additional Intellectual Property Rights

1.1 Patents and patent applications

Patents and patent applications listed in Sub-Schedule 3.1 (i).

1.2 Trademarks and trademarks applications


Trademarks and trademarks applications listed in Sub-Schedule 3.1(ii).

SUB-SCHEDULE 3.1.1(a)(i)

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

 **MANNHEIMER SWARTLING**
WWW.MANNHEIMERSWARTLING.SE

Patents and patent applications

Docket#	Ext.	Alt. Docket Number	Title	Status	Cty.	Application Date	Patent Number	Application Number	Expiration Date
174135	3	PU0122	SCALABLE INLET LIQUID DISTRIBUTION SYSTEM FOR LARGE SCALE CHROMATOGRAPHY COLUMNS	Issued	US	04/11/2003	7051758	10/478903	11/04/2023
174135	5	PU0122	SCALABLE INLET LIQUID DISTRIBUTION SYSTEM FOR LARGE SCALE CHROMATOGRAPHY COLUMNS	Issued	EP	10/05/2002	1393058	02740581.0	10/05/2022
174135	6	PU0122	SCALABLE INLET LIQUID DISTRIBUTION SYSTEM FOR LARGE SCALE CHROMATOGRAPHY COLUMNS	Issued	JP	10/05/2002	4263490	2002-589789	10/05/2022
174135	7	PU0122	SCALABLE INLET LIQUID DISTRIBUTION SYSTEM FOR LARGE SCALE CHROMATOGRAPHY COLUMNS	Issued	DE	10/05/2002	1393058	02740581.0	10/05/2022
174135	8	PU0122	SCALABLE INLET LIQUID DISTRIBUTION SYSTEM FOR LARGE SCALE CHROMATOGRAPHY COLUMNS	Issued	FR	10/05/2002	1393058	02740581.0	10/05/2022
174135	9	PU0122	SCALABLE INLET LIQUID DISTRIBUTION SYSTEM FOR LARGE SCALE CHROMATOGRAPHY COLUMNS	Issued	GB	10/05/2002	1393058	02740581.0	10/05/2022
219099	4	PU0668	AXIAL CHROMATOGRAPHY COLUMNS AND METHODS	Issued	JP	16/01/2009	5198446	2009-519857	17/07/2027
219099	5	PU0668	AXIAL CHROMATOGRAPHY COLUMNS AND METHODS	Issued	GB	12/07/2007	2440244	0713572.6	12/07/2027
219099	7	PU0668	AXIAL CHROMATOGRAPHY COLUMNS AND METHODS	Issued	CN	14/01/2009	200780027226.9	200780027226.9	17/07/2027
219099	10	PU0668	AXIAL CHROMATOGRAPHY COLUMNS AND METHODS	Issued	DE	06/02/2009	502007020292.2	07786120.1	17/07/2027
219099	11	PU0668	AXIAL CHROMATOGRAPHY COLUMNS AND METHODS	Issued	FR	06/02/2009	2081659	07786120.1	17/07/2027

219100	4	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	JP	16/01/2009	5133987	2009-519858	17/07/2027
219100	5	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	GB	12/07/2007	2440243	0713570.0	12/07/2027
219100	8	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	CN	09/01/2009	ZL200780026819.3	200780026819.3	17/07/2027
219100	9	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	EP	05/02/2009	2061660	07786121.9	17/07/2027
219100	12	PU0674- US CON	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	US	04/06/2012	8702983	13/487766	16/07/2027
219100	13	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	DE	14/11/2013	202007019578.8	202007019578.8	14/11/2023
219100	15	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	DE	05/02/2009	602007042083.6	07786121.9	17/07/2027
219100	16	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	FR	05/02/2009	2081660	07786121.9	17/07/2027
219100	17	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	GB	05/02/2009	2081660	07786121.9	17/07/2027
219100	18	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	NL	05/02/2009	2081660	07786121.9	17/07/2027
219100	19	PU0674	CHROMATOGRAPHY COLUMNS, SYSTEMS AND METHODS	Issued	SE	05/02/2009	2081660	07786121.9	17/07/2027
220662	14	PU06101	FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	Issued	DE	20/03/2009	602007043885.3	07808849.9	27/09/2027
220662	15	PU06101	FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	Issued	FR	20/03/2009	2066419	07808849.9	27/09/2027
220662	16	PU06101	FROM STAPHYLOCOCCUS AUREUS PROTEIN A FOR ANTIBODY ISOLATION	Issued	GB	20/03/2009	2066419	07808849.9	27/09/2027
225849	2	PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	Issued	US	05/03/2008	8778187	12/042363	05/03/2028
225849	4	PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	Issued	GB	05/03/2008	2447344	0804089.1	05/03/2028
225849	6	PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	Issued	CN	09/09/2009	ZL200880007695.9	200880007695.9	05/03/2028
225849	9	PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	Issued	JP	07/09/2009	5271284	2009-552118	05/03/2028
225849	13	PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	Issued	DE	02/09/2009	602008028420.4	08716266.7	05/03/2028

225649	14	PU0720	PACKING SYSTEM AND METHOD FOR CHROMATOGRAPHY COLUMNS	Issued	FR	02/09/2009	2121157	08716256.7	05/03/2028
238635	4	PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	Issued	US	10/11/2011	8377296	13/319816	10/05/2030
238635	6	PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	Issued	CN	14/11/2011	ZL201080021956.X	201080021956.X	10/05/2030
238635	9	TPO-9162AMB PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	Issued	JP	01/12/2014	3196931	2014-006343	10/05/2020
238635	10	PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	Issued	FR	21/10/2011	2430438	10775163.8	10/05/2030
238635	11	PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	Issued	GB	21/10/2011	2430438	10775163.8	10/05/2030
238635	12	PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	Issued	DE	21/10/2011	2430438	10775163.8	10/05/2030
238635	13	PU0934	FILTER HOLDER IN A CHROMATOGRAPHY COLUMN	Issued	NL	21/10/2011	2430438	10775163.8	10/05/2030
243604	5	PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	Issued	CN	21/06/2012	ZL201080058776.9	201080058776.9	20/12/2030
243604	9	PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	Issued	CH	19/06/2012	2517000	10839893.4	20/12/2030
243604	10	PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	Issued	DE	19/06/2012	2517000	10839893.4	20/12/2030
243604	11	PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	Issued	FR	19/06/2012	2517000	10839893.4	20/12/2030
243604	12	PU09114	METHOD OF DRY PACKING OF CHROMATOGRAPHY COLUMNS	Issued	GB	19/06/2012	2517000	10839893.4	20/12/2030
246274	10	PU1022	METHOD FOR PRODUCTION OF CHROMATOGRAPHY MEDIA	Filed	US	23/10/2012		131642937	20/04/2031
263627	10	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	DE	27/08/2012	602011020461.0	11707162.1	07/03/2031
263627	11	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	FR	27/08/2012	2544785	11707162.1	07/03/2031
263627	12	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	GB	27/08/2012	2544785	11707162.1	07/03/2031
263627	13	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	DK	27/08/2012	2544785	11707162.1	07/03/2031
263627	14	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	IT	27/08/2012	2544785	11707162.1	07/03/2031
263627	15	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	LU	27/08/2012	2544785	11707162.1	07/03/2031

263627	16	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	ES	27/08/2012	2544785	11707162.1	07/03/2031
263627	17	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	SE	27/08/2012	2544785	11707162.1	07/03/2031
263627	18	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	CH	27/08/2012	2544785	11707162.1	07/03/2031
263627	19	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	LI	27/08/2012	2544785	11707162.1	07/03/2031
263627	20	PU10122	IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE	Issued	NL	27/08/2012	2544785	11707162.1	07/03/2031
266175	3	PU1328	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Unfiled	CN				08/07/2034
266175	4	PU1328	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Filed	EP	07/01/2016		14823829.8	08/07/2034
266175	5	PU1328	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Filed	IN	04/01/2016		201617000159	08/07/2034
266175	6	PU1328	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Filed	JP	07/01/2016			08/07/2034
266175	7	PU1328	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Unfiled	US				08/07/2034
282378	1		Method and chromatography media	Filed	GB	06/11/2015		1519668.6	06/11/2035
282821	1		A METHOD AND APPARATUS FOR PACKING A CHROMATOGRAPHY COLUMN	Filed	GB	06/01/2016		1600171.1	06/01/2036
266175A	3	PU1330	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Unfiled	CN				10/07/2034
266175A	4	PU1330	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Filed	EP	07/01/2016		14823321.6	10/07/2034
266175A	5	PU1330	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Filed	IN	04/01/2016			10/07/2034
266175A	6	PU1330	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Filed	JP	07/01/2016			10/07/2034
266175A	7	PU1330	MUTATED IMMUNOGLOBULIN-BINDING POLYPEPTIDES	Unfiled	US				10/07/2034

6(6)

SUB-SCHEDULE 3.1.1(a)(ii)

GE Healthcare Bio-Sciences AB

and

GE Healthcare BioProcess R&D AB

Trademarks and trademark applications

LEGAL#13126232.v1

TRADEMARK	COUNTRY	REGISTRATION NO
MABTRAP	CTM	2119956
SEPHACRYL	India	516534
DROP DESIGN	Canada	TMA162525
DROP DESIGN	United States of America	1290768
DROP DESIGN	United States of America	890473
DROP DESIGN	China	356068
DROP DESIGN	China	352632
DROP DESIGN	United States of America	890315
DROP DESIGN	United States of America	1820903
DROP DESIGN	United States of America	890328
DROP DEVICE	Brazil	821505548
DROP DEVICE	Argentina	2454375
DROP DEVICE	Bangladesh	44699
DROP DEVICE	CTM	3488723
DROP DEVICE	Cuba	802002
DROP DEVICE	Malaysia	95004756
DROP DEVICE	Thailand	KOR50651
DROP DEVICE	Bangladesh	44697
DROP DEVICE	Bosnia & Herzegovina	BAZ961149
DROP DEVICE	Bangladesh	44700
DROP DEVICE	Indonesia	IDM000063828
DROP DEVICE	Bangladesh	43640
DROP DEVICE	Brazil	821505530
DROP DEVICE	Thailand	KOR53871
DROP DEVICE	Bangladesh	44698
DROP DEVICE	Bangladesh	43641
DROP DEVICE	Indonesia	IDM000063830
DROP DEVICE	India	522506
DROP DEVICE	Malaysia	97019998
DROP DEVICE	Macedonia	7713
DROP DEVICE	Taiwan	748808
DROP DEVICE	Egypt	72274
DROP DEVICE	Pakistan	175294
DROP DEVICE	Australia	880033
DROP DEVICE	Egypt	72275
DROP DEVICE	Taiwan	742479
DROP DEVICE	Egypt	72276
DROP DEVICE	India	522505
DROP DEVICE	Bangladesh	43639
DROP DEVICE	Egypt	72273
DROP DEVICE	India	522507
DROP DEVICE	Korea - Republic of (South)	341352
DROP DEVICE	Argentina	2488787

DROP DEVICE	Korea - Republic of (South)	356514
DROP DEVICE	Hong Kong	199808222
DROP DEVICE	Hong Kong	199608494
DROP DEVICE	India	1252698
DROP DEVICE	Korea - Republic of (South)	4136439
DROP DEVICE	Hong Kong	199608493
MABTRAP	India	1014075
SEPHACEL	Hungary	391334
SEPHACEL	Romania	391334
SEPHACEL	Egypt	391334
SEPHACEL	Switzerland	391334
SEPHACEL	Montenegro	391334
SEPHACEL	Austria	391334
SEPHACEL	Bosnia & Herzegovina	391334
SEPHACEL	Macedonia	391334
SEPHACEL	Benelux	391334
SEPHACEL	WIPO	391334
SEPHACEL	Italy	391334
SEPHACEL	Portugal	391334
SEPHACEL	San Marino	391334
SEPHACEL	Monaco	391334
SEPHACEL	Serbia	391334
SEPHACEL	Liechtenstein	391334
SEPHACEL	Spain	391334
SEPHACEL	France	391334
SEPHACEL	Morocco	391334
SEPHADEX	Cuba	4792002
SEPHAROSE	Germany	414398
SEPHAROSE	WIPO	414398
SEPHAROSE	Hungary	414398
SEPHAROSE	Italy	414398
STREAMLINE	Cuba	20020473
DROP DESIGN	WIPO	365465
DROP DEVICE	Austria	365465
DROP DEVICE	Egypt	365465
DROP DEVICE	Hungary	365465
DROP DEVICE	Liechtenstein	365465
DROP DEVICE	Switzerland	365465
DROP DEVICE	Malaysia	95004751
DROP DEVICE	Bangladesh	43637
DROP DEVICE	Benelux	365465
DROP DEVICE	Portugal	365465
DROP DEVICE	Italy	365465
DROP DEVICE	France	365465

DROP DEVICE	Romania	365465
DROP DEVICE	Spain	365465
DROP DEVICE	Macedonia	365465
DROP DEVICE	Montenegro	365465
DROP DEVICE	Bosnia & Herzegovina	365465
DROP DEVICE	Morocco	365465
DROP DEVICE	Malaysia	95004758