

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRACCO INTERNATIONAL B.V.	08/24/2010
RECEIVING PARTY DATA	
Name:	BRACCO SUISSE SA
Street Address:	VIA CANTONALE 2
City:	MANNO
State/Country:	SWITZERLAND
Postal Code:	6928
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14031562
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NAME OF SUBMITTER:	SARAH MILEWSKI
Signature:	/SJM/
Date:	10/10/2013

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**Total Attachments: 7**

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## ASSIGNMENT

WHEREAS **BRACCO INTERNATIONAL B.V.** (hereinafter "ASSIGNOR"), a corporation organized and existing under the laws of the **Country of the Netherlands**, and having its principle place of business at **Strawinskylaan 3051, 1077 ZX Amsterdam, The Netherlands**, owns the entire right, title and interest to U.S. Patent Applications/Patents as identified in *Schedule A*.

WHEREAS **BRACCO SUISSE SA**, a corporation organized and existing under the laws of the Swiss Confederation, and having a usual place of business at **Via Cantonale 2, 6928 Manno, Switzerland**, (hereinafter called "ASSIGNEE") desires to acquire the entire title, rights, benefits, privileges and interest in and to the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has assigned, transferred and set over, and by these presents does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in and to the Application and the inventions, discoveries, and improvements which are the subjects thereof, including all divisions, renewals, substitutes and continuations thereof, and all Letters Patent of the United States that may be granted thereon and any legal equivalent thereof that may be granted in any country or countries foreign to the United States and all reissues and extensions thereof, and all applications for Letters Patent and any legal equivalent thereof, including the right to claim priority, that have been or may hereafter be filed for the improvements in any country or countries foreign to the United States, and all Letters Patent and any legal equivalent thereof that may be granted for the improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by ASSIGNEE for its own use and benefit and for the use and benefit of its successors, assigns or other legal representatives fully and entirely as if the same would have been held and enjoyed by ASSIGNOR if this Assignment had not been made, to the end of the term or terms for which any Letters Patent and any legal equivalent thereof may be granted;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to record this Assignment, and to issue all Letters Patent for the improvements to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants that ASSIGNOR has the full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement, assignment, sale or encumbrance in conflict herewith

AND ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the improvements, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the improvements in all countries.

IN TESTIMONY WHEREOF, ASSIGNOR, by its authorized official, has set its hand and seal to this Assignment.

 **BRACCO INTERNATIONAL B.V.** .....

By: \_\_\_\_\_ Date: 24 AGO. 2010

Name: Pietro Mascherpa

Title: Member of the Board for BRACCO INTERNATIONAL B.V.

**Schedule A**

**Assignment from Bracco International B.V. to Bracco Suisse S.A.**

<b>BRU Ref. #</b>	<b>Application No. Filing Date</b>	<b>Patent No. Issue Date</b>	<b>Title of Invention</b>
B0112/001 US00	<b>07/775,989</b> 11/20/1991	5,271,928 12/21/1993	Stable microbubbles suspensions injectable into living organisms
B0112/001 US02	<b>08/128,540</b> 9/29/1993	5,380,519 1/10/1995	Stable microbubbles suspensions injectable into living organisms
B0114/003 US00	<b>07/824,311</b> 1/23/1992	5,370,901 12/06/1994	Compositions For Increasing The Image Contrast In Diagnostic Investigations Of The Digestive Tract Of Patients
B0115/004 US00	<b>07/855,032</b> 5/06/1992	5,310,540 5/10/1994	Method For The Preparation Of Stable Suspensions of Hollow Gas-Filled Microsphere Suitable For Ultrasonic Echography
B0116/005 US00	<b>07/861,889</b> 6/22/1992	5,393,530 2/28/1995	Method For Making Liposomes Of Enhanced Entrapping Capacity Toward Foreign Substances To Be Encapsulated
B0117/006 US00	<b>07/975,533</b> 2/18/1993	5,414,114 5/09/1995	Method For Making Conjugate Moieties Capable Of Chelating Paramagnetic Metals And Designed For Coupling With A Factor Responsive To Specific Cellular Marker Sites
B0118/007 US00	<b>07/991,237</b> 12/16/92	5,413,774 5/09/1995	Long-Lasting Aqueous Dispersions or suspensions of Pressure-resistant Gas-Filled Microvesicles and methods for the Preparation Thereof
B0120/009 US00	<b>08/134,671</b> 10/12/1993	5,445,813 8/29/1995	Stable Microbubble Suspensions As Enhancement Agents For Ultrasound Echography
B0120/009 US02	<b>08/414,718</b> 3/31/1995	5,597,549 1/28/1997	Stable Microbubble Suspensions As Enhancement Agents For Ultrasound Echography
B0120/009 US03	<b>08/420,677</b> 4/12/1995	5,686,060 11/11/1997	Stable Microbubble Suspensions Comprising Saturated Phospholipids For Ultrasound Echography
B0120/009 US04	<b>08/883,592</b> 6/26/1997	5,908,610 6/01/1999	Stable Microbubble Suspensions Comprising Saturated Phospholipids For Ultrasonic Echography
B0122/011 US00	<b>08/352,108</b> 11/30/1994	5,556,610 9/17/1996	Gas Mixtures Useful As Ultrasound Contrast Media, Contrast Agents Containing The Media And Method
B0122/011 US02	<b>08/848,912</b> 5/01/1997	5,846,518 12/8/1998	Gas Mixtures Useful As Ultrasound Contrast Media Contrast Agents Containing The Media And Method
B0112/001 US21 [BR001A US21]	<b>11/851,769</b> 9/07/2007		Ultrasound Contrast Agents And Methods Of Making And Using Them
B0504/033 [BR033 PUS01]	<b>10/544,123</b> 8/02/2005		Ultrasound contrast agents and process for the preparation thereof
B0504/033 US02 [BR033A US]	<b>11/202,008</b> 8/11/2005		Ultrasound contrast agents and process for the preparation thereof
B0504/033 US03 [BR033B US]	<b>11/641,289</b> 12/19/2006		Ultrasound contrast agents and process for the preparation thereof

**Schedule A cont.**

**Assignment from Bracco International B.V. to Bracco Suisse S.A.**

<b>BRU Ref. #</b>	<b>Application No. Filing Date</b>	<b>Patent No. Issue Date</b>	<b>Title of Invention</b>
B0575/052 US01 [BR052 US01]	<b>12/448,401</b> 6/18/2009		Targeting and therapeutic compounds and gas-filled microvesicles comprising said compounds
B0460 US01 [RA1 US]	<b>08/299,636</b> 9/02/1994	5,659,041 8/19/1997	Hydrazino-Type Radionuclide chelators having an N3S configuration
B0463 US00P [R4 US]	<b>08/171,737</b> 12/22/1993	5,480,970 1/02/1996	Metal Chelators
B0464 US00P [R5 US]	<b>08/202,178</b> 2/25/1994	5,569,745 10/29/1996	Peptide Chelator Conjugates
B0464 US01 [R5 US01]	<b>08/713,484</b> 9/13/1996	5,679,642 10/21/1997	Peptide Chelator Conjugates
B0465 US00P [R6 US]	<b>08/279,155</b> 7/22/1994	5,662,885 9/02/1997	Peptide Derived Radionuclide Chelators
B0465 US01 [R6 US01]	<b>08/703,988</b> 8/28/1996	5,780,006 7/14/1998	Peptide Derived Radionuclide Chelators
B0465 US-A [R6A US]	<b>08/612,842</b> 3/20/1996	5,976,495 11/02/1999	Peptide Derived Radionuclide Chelators
B0468 US01 [R9A US]	<b>08/747,311</b> 11/12/1996	5,725,838 3/10/1998	Radiolabeled D4 Receptor Ligands
B0471 US000P2 [R13 US]	<b>08/905,546</b> 8/04/1997	5,976,497 11/02/1999	Dopamine D4 Receptor Ligands
B0474 US00P [R15 US]	<b>08/997,802</b> 12/24/1997	6,334,996 1/01/2002	Chelators That Predominately Form A Single Stereoisomeric Species Upon Coordination To A Metal Center
B0479 US00 [R20 US]	<b>09/437,701</b> 11/10/1999	6,872,536 3/29/2005	Chemotactic Peptide Antagonists For Imaging Sites of Inflammation
B0225 US00P	<b>08/147,353</b> 11/03/1993	5,620,425 4/15/1997	Method For The Preparation Of Pre-Filled Plastic Syringes
B0225 US01	<b>08/746,304</b> 11/08/1996	6,719,733 4/13/2004	Method For The Preparation Of Pre-Filled Plastic Syringes
B0225 US03	<b>10/351,703</b> 1/27/2003	7,509,784 3/31/2009	Method For The Preparation Of Pre-Filled Plastic Syringes
B0225 US05	<b>12/259,749</b> 10/28/2008		Methods For The Preparation Of Pre-Filled Plastic Syringes
B0225 US06	<b>12/843,703</b> 7/26/2010		Methods For The Preparation Of Pre-Filled Plastic Syringes
B0602 US-A	<b>11/608,395</b> 12/08/2006		Targeting Vector-Phospholipid Conjugates
B0602 US-A1	<b>12/257,552</b> 10/24/2008		Targeting Vector-Phospholipid Conjugates
B0602 US-A2	<b>12/782,783</b> 5/19/2010		Targeting Vector-Phospholipid Conjugates
B0602 US-B	<b>11/954,130</b> 12/11/2007		Targeting Vector-Phospholipid Conjugates

**Schedule A cont.**

**Assignment from Bracco International B.V. to Bracco Suisse S.A.**

<b>BRU Ref. #</b>	<b>Application No. Filing Date</b>	<b>Patent No. Issue Date</b>	<b>Title of Invention</b>
B0150 US-C [RA43C US]	<b>07/894,691</b> 6/05/1992	5,614,638 3/25/1997	New Nonionic Radiographic Contrast Agents
B0150 US-C1 [RA43D US]	<b>08/143,684</b> 10/27/1993	5,591,846 1/07/1997	New Nonionic Radiographic Contrast Agents
B0150 US-C2 [RA43F US]	<b>08/471,441</b> 6/06/1995	5,628,980 5/13/1997	New Nonionic Radiographic Contrast Agents
B0150 US-F [RA58A US]	<b>07/893,865</b> 6/05/1992	5,869,024 2/09/1999	Methods And Compositions For Using Non-Ionic Contrast Agents To Reduce The Risk Of Clot Formation In Diagnostic Procedures
B0150 US-F1 [RA58B US]	<b>08/473,561</b> 6/06/1995	5,527,926 6/18/1996	Methods And Compositions For Using Non-Ionic Contrast Agents To Reduce The Risk Of Clot Formation In Diagnostic Procedures
B0154 US-A2 [RA50A2 US]	<b>10/787,526</b> 2/26/2004	7,385,041 6/10/108	Dual Functioning Excipient for Metal Chelate Contrast Agents
B0156 US00P [RA56 US]	<b>07/733,568</b> 7/22/1991	5,262,532 11/16/1993	Paramagnetic Metalloporphyrins as Contrast Agents for Magnetic Resonance Imaging
B0157 US-A2 [RA57A2 US]	<b>10/042,721</b> 5/29/2002	6,875,864 4/05/2005	Aminocarboxylate Ligands Having substituted Aromatic Amide moieties
B0157 A3 [RA57D US]	<b>10/963,708</b> 10/13/2004	7,351,389 04/01/2008	Aminocarboxylate Ligands Having Substituted Aromatic Amide Moieties
B0161 US01 [RA59 US01]	<b>08/276,185</b> 7/15/1994	5,559,237 9/24/1996	Process for Preparation of 2-oxo-1-piperidinyll Derivatives
B0163 US00P [RA60 US]	<b>07/893,621</b> 6/05/1992	5,278,311 1/11/1994	Nonionic Radiographic Contrast Agents
B0166 US00P [RA64 US]	<b>08/052,959</b> 4/23/1993	5,468,467 11/21/1995	Methods For The In Vivo Measurement Of The Concentration Of Non-Imaging NMR-detectable Xenobiotic Compounds
B0169 US01 [RA69A US]	<b>09/273,522</b> 3/22/1999	6,051,210 4/18/2000	N,N-Dimethyldiatrizoic acid and its conjugates as hepatobiliary agents for X-Ray CT imaging
B0170 US00P [RA70 US]	<b>09/080,157</b> 5/16/1998	6,093,382 7/25/2000	Metal Complexes Derivatized With Folate For Use In Diagnostic And Therapeutic Applications
B0170 US01 [RA70 US01]	<b>09/477,072</b> 1/03/2000	6,221,334 4/24/2001	Metal Complexes Derivatized With Folate For Use In Diagnostic And Therapeutic Applications
B0170 US02 [RA70 US02]	<b>09/752,867</b> 12/30/2000	7,186,397 3/06/2007	Metal Complexes Derivatized With Folate For Use In Diagnostic And Therapeutic Applications
B0170 US03 [RA70 US03]	<b>11/534,919</b> 9/25/2006	7,399,460 7/15/2008	Metal Complexes Derivatized With Folate For Use In Diagnostic And Therapeutic Applications
B0490 US00P [RA75 US]	<b>10/222,540</b> 8/16/2002	6,803,046 10/12/2004	Sinacalide Formulations

**Schedule A cont.**

**Assignment from Bracco International B.V. to Bracco Suisse S.A.**

<b>BRU Ref. #</b>	<b>Application No. Filing Date</b>	<b>Patent No. Issue Date</b>	<b>Title of Invention</b>
B0490 US02 [RA75 US02]	<b>12/607,337</b> 10/28/2009		Sincalide Formulations
B0227 US-A [RA78A US]	<b>09/871,974</b> 6/04/2001	7,109,167 9/19/2006	Compounds For Targeting Endothelial Cells, Compositions Containing The Same And Methods For Their Use
B0227 US-A1 [RA78A1 US]	<b>11/381,884</b> 5/05/2006		Compounds for targeting endothelial cells, compositions containing the same and methods for their use
B0227 US-A2 [RA78A2 US]	<b>11/381,908</b> 5/05/2006		Compounds for targeting endothelial cells, compositions containing the same and methods for their use
B0227 US-B [RA78B US]	<b>11/342,050</b> 1/27/2006		Compounds for Targeting Endothelial Cells, Compositions Containing the Same and Methods for Their Use
B0229 US-A [RA80A US]	<b>10/432,914</b> 11/17/2003	7,422,733 5/09/2008	Linkable Sialyl Lewis X Analogs
B0229 US-A1 [RA9-A1 IS]	<b>12/190,857</b> 8/13/2008		Linkable Lewis X Analogs
B0500 US-C1 [RA82C1 US]	<b>12/480,578</b> 6/08/2009		KDR and VEGF/KDR Binding Peptides And Their Use in Diagnosis and Therapy
B0493 US-B [RA83B US]	<b>10/379,287</b> 3/03/2003	7,211,240 5/01/2007	Multivalent Constructs for Therapeutic and Diagnostic Applications
B0493 US-B1 [RA83B1 US]	<b>11/624,894</b> 1/19/2007		Multivalent Constructs for Therapeutic and Diagnostic Applications
B0493 US-C [RA83C US]	<b>10/661,032</b> 9/11/2003	7,261,876 8/28/2007	Multivalent Constructs for Therapeutic and Diagnostic Applications
B0493 US-C1 [RA83C1 US]	<b>11/688,968</b> 3/21/2007		Multivalent Constructs for Therapeutic and Diagnostic Applications
B0493 US-D [RA83D US]	<b>10/916,155</b> 8/11/2004	7,666,979 2/23/2010	Methods For Preparing Multivalent Constructs For Therapeutic And Diagnostic Applications and Methods of Preparing the Same
B0510 US02 [RA84 US02]	<b>12/012,011</b> 1/30/2008		Peptides That Specifically Bind HGF Receptor (cMET) And Uses Thereof
B0510 US03 [RA84 US03]	<b>12/635,193</b> 12/10/2009		Peptides That Specifically Bind HGF Receptor (cMET) And Uses Thereof
B0207 US-A [RB84A US]	<b>07/818,705</b> 1/07/1992	5,387,409 2/07/1995	Boronic Acid Adducts of Rhenuim Dioxime And Technetium-99M Dioxime Complexes Containing A Biochemically Active Group
B0213 US-B2 [RB90D US]	<b>08/473,562</b> 6/6/1995	6,184,361 2/06/2001	Rhenium And Technetium Complexes Containing a Hypoxia- Localizing Moiety
B0213 US-B4 [RB90F US]	<b>08/476,604</b> 6/06/1995	5,688,487 11/18/1997	Diagnostic Imaging Methods Using Rhenium And Technetium Complexes Containing a Hypoxia-Localizing Moiety
B0213 US-B5 [RB90G US]	<b>09/778,969</b> 2/05/2001	6,359,120 3/19/2002	Rhenium And Technetium Complexes Containing a Hypoxia- Localizing Moiety



**Schedule A cont.**

**Assignment from Bracco International B.V. to Bracco Suisse S.A.**

<b>BRU Ref. #</b>	<b>Application No. Filing Date</b>	<b>Patent No. Issue Date</b>	<b>Title of Invention</b>
B0213 US-B6 [RB90H US]	<b>10/015,208</b> 11/16/2001	6,699,458 3/02/2004	Rhenium And Technetium Complexes Containing a Hypoxia-Localizing Moiety
B0213 US-B7 [RB90I US]	<b>10/742,348</b> 12/19/2003	6,958,141 10/25/2005	Rhenium & Technetium Complexes Containing a Hypoxia Localizing Moiety
B0215 US00P [RB91 US]	<b>07/936,432</b> 8/27/1992	5,463,080 10/31/1995	2,4,6-Triiodo-1,3-Benzenedicarboxylic Acid Compounds Used As Radiolabelling Reagents
B0215 US02 [RB91B US]	<b>08/470,332</b> 6/06/1995	5,569,446 10/29/1996	Radiohalogenation Of Proteins Using Trihalophenyl Derivatives
B0217 US00P [RB94 US]	<b>07/975,455</b> 11/12/1992	5,290,937 3/01/1994	Radiolabeling of Proteins Using Alkoxyphenol Derivatives
B0220 US-A [RB95A US]	<b>08/242,093</b> 5/18/1994	5,608,110 3/04/1997	Heteroatom-Bearing Ligands And Metal Complexes Thereof
B0220 US-A1 [RB95B US]	<b>08/472,058</b> 6/06/1995	5,627,286 5/06/1997	Heteroatom-Bearing Ligands And Metal Complexes Thereof
B0220 US-A2 [RB95C US]	<b>08/480,048</b> 6/06/1995	5,665,329 9/09/1997	Heteroatom-Bearing Ligands And Metal Complexes Thereof
B0220 US-A3 [RB95D US]	<b>08/471,590</b> 6/06/1995	5,656,254 8/12/1997	Polyaza Heteroatom-Bearing Ligands And Metal Complexes Thereof For Imaging Or Radiotherapy
B0230 US00P [RB103 US]	<b>09/818,301</b> 3/27/2001	6,384,232 5/07/2002	Methods of Synthesizing Heteroatom Bearing Ligands and Intermediate Used Therefor
B0230 US01 [RB103 US01]	<b>10/086,290</b> 3/01/2002	6,476,234 11/05/2002	Methods of Synthesizing Heteroatom Bearing Ligands and Intermediate Used Therefor
B0230 US02 [RB103 US02]	<b>10/225,765</b> 8/22/2002	6,933,391 8/23/2005	Methods of Synthesizing Heteroatom Bearing Ligands and Intermediate Used Therefor