PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3454305

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	

CONVEYING PARTY DATA

Name	Execution Date
ROYAL BANK OF CANADA, AS ADMINISTRATIVE AGENT	07/07/2015

RECEIVING PARTY DATA

Name:	CALIXA THERAPEUTICS, INC.
Street Address:	65 HAYDEN AVENUE
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421
Name:	ADOLOR CORPORATION
Street Address:	700 PENNSYLVANIA DRIVE
City:	EXTON
State/Country:	PENNSYLVANIA
Postal Code:	19341
Name:	CUBIST PHARMACEUTICALS, INC.
Street Address:	65 HAYDEN AVENUE
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421

PROPERTY NUMBERS Total: 104

Property Type	Number
Patent Number:	5565486
Patent Number:	5824485
Patent Number:	5783431
Patent Number:	6242211
Patent Number:	5726195
Patent Number:	6221640
Patent Number:	6468967
Patent Number:	6852689
Patent Number:	6911525
Patent Number:	7335725
Patent Number:	7335725

PATENT REEL: 036180 FRAME: 0070

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Property Type	Number
Patent Number:	7408025
Patent Number:	6794490
Patent Number:	7262268
Patent Number:	6846625
Patent Number:	6475726
Patent Number:	6436694
Patent Number:	6319898
Patent Number:	6297007
Patent Number:	6153645
Patent Number:	6132984
Patent Number:	4885243
Patent Number:	4537717
Application Number:	12641465
Application Number:	11912833
Application Number:	13481009
Application Number:	61618119
Application Number:	61618127
Application Number:	61618131
Application Number:	61618136
Application Number:	61644974
Application Number:	61645301
Application Number:	61681506
Application Number:	61698241
Application Number:	61698256
Application Number:	08612680
Application Number:	08796078
Application Number:	09436057
Application Number:	10066909
Application Number:	10455687
Patent Number:	6303611
Patent Number:	6239154
Patent Number:	5811078
Patent Number:	5798093
Patent Number:	5855907
Patent Number:	5849762
Patent Number:	5869521
Patent Number:	6156769
Patent Number:	6469030

Property Type	Number
Patent Number:	7696220
Patent Number:	6451806
Patent Number:	6630462
Patent Number:	6794510
Patent Number:	7091354
Patent Number:	7381721
Patent Number:	7884102
Patent Number:	6992193
Patent Number:	6992090
Patent Number:	7820827
Patent Number:	8288546
Patent Number:	7338962
Patent Number:	7638527
Patent Number:	7906646
Patent Number:	8071611
Patent Number:	7160902
Patent Number:	7087749
Patent Number:	7767814
Patent Number:	7700626
Patent Number:	7034051
Patent Number:	7671052
Patent Number:	7598261
Patent Number:	8022060
Patent Number:	7914776
Patent Number:	7538110
Patent Number:	8278323
Patent Number:	7544676
Patent Number:	7576207
Patent Number:	7829576
Patent Number:	8112290
Patent Number:	6573282
Patent Number:	5994372
Patent Number:	5888494
Application Number:	13477742
Application Number:	13479622
Application Number:	13427744
Application Number:	13252982
Application Number:	13097940

Property Type	Number
Application Number:	12388950
Application Number:	12107742
Application Number:	10999054
Application Number:	13007854
Application Number:	13274616
Application Number:	11582681
Application Number:	11851995
Application Number:	12388903
Application Number:	13648153
Application Number:	13541628
Application Number:	12795095
Application Number:	12884985
Application Number:	13571288
Application Number:	61681571
Application Number:	61657386
Application Number:	13607138
Application Number:	13628742
Application Number:	61706399

CORRESPONDENCE DATA

Fax Number: (212)246-8959

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.

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ATTORNEY DOCKET NUMBER:	NPA1150325:753
NAME OF SUBMITTER:	SCOTT J. LEBSON
SIGNATURE:	/sjl/
DATE SIGNED:	07/24/2015

Total Attachments: 11

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TERMINATION OF SECURITY INTEREST IN PATENTS AND PATENT APPLICATIONS

This Termination of Security Interest in Patents and Patent Applications is made as of July 7, 2015 by Royal Bank of Canada, as Administrative Agent (the "Secured Party").

WHEREAS, (i) Merck Sharp & Dohme Corp. (the "<u>Company</u>") owns the indicated patents and patent applications listed on <u>Exhibit A</u> attached hereto ("<u>Listed MSD Patents and Patent Applications</u>") as assignee from each of Cubist Pharmaceuticals LLC (formerly known as Cubist Pharmaceuticals, Inc.) (the "<u>Borrower</u>"), Calixa Therapeutics Inc. ("<u>Calixa</u>") and Adolor Corporation ("<u>Adolor</u>") and, together with the Borrower, Cubist Pharmaceutical Holdings, Inc., Cubist Pharmaceuticals U.S. and Calixa, the "<u>Grantors</u>"), and (ii) the Borrower owns the indicated patents and patent applications listed on <u>Exhibit B</u> attached hereto ("<u>Listed Cubist Patents and Patent Applications</u>" and together with the Listed MSD Patents and Patent Applications, the "<u>Listed Patents and Patent Applications</u>") which patents and patent applications are registered in the United States Patent and Trademark Office (the "<u>Office</u>"); and

WHEREAS, each Grantor has granted to the Secured Party, as Administrative Agent (as defined in the Patent Security Agreement defined below) a security interest in and lien upon certain patents and patent applications, including but not limited to the Listed Patents and Patent Applications, the registrations thereof and related rights all as described in that certain Patent Security Agreement dated as of November 20, 2012 and recorded on November 20, 2012 with the Office at Reel 029339, Frame 0669 ("Patent Security Agreement"); and

WHEREAS, the Secured Party has at the Borrower's request agreed to release its security interest in all of the Company's and the Borrower's, as applicable, patents and patent applications, including the Listed Patents and Patent Applications, and the registrations thereof and the related rights therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Secured Party hereby releases and reassigns its security interest in all of the Company's and the Borrower's, as applicable, patents and patent applications previously granted to the Secured Party including the Listed Patents and Patent Applications, and the registrations thereof and the related rights therein and to any other rights it might have arising out of the Patent Security Agreement; and authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to note and record the existence of the release hereby given.

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Party

Name:

Title:

The Agency

REEL: 036180 FRAME: 0076

EXHIBIT A TO RELEASE OF SECURITY INTEREST IN PATENTS AND PATENT APPLICATIONS

PATENTS AND PATENT APPLICATIONS (MSD)

LOAN PARTY	PATENT TITLE	APPLICATION	PATENT	ISSUE
		NUMBER	NUMBER	DATE
Cubist	Sesquiterpenes, Their Preparation	08/464,737	5,565,486	10/15/96
Pharmaceuticals,	and Their Use as Inhibitors Acting			
Inc.	on the Gaba-Benzodiazepine			
	Receptor			
Cubist	Methods for Generating and	08/639,255	5,824,485	10/20/98
Pharmaceuticals,	Screening Novel Metabolic			
Inc.	Pathways			
Cubist	Methods for Generating and	08/738,944	5,783,431	07/21/98
Pharmaceuticals,	Screening Novel Metabolic			
Inc.	Pathways			
Cubist	Methods for Generating and	09/263,352	6,242,211	06/05/01
Pharmaceuticals,	Screening Novel Metabolic			
Inc.	Pathways			
Cubist	Aminoacyl Adenylate Mimics as	08/683,809	5,726,195	03/10/98
Pharmaceuticals,	Novel Antimicrobial and			
Inc.	Antiparasitic Agents			
Cubist	Enterococcal Aminoacyl-tRNA	08/855,910	6,221,640	04/24/01
Pharmaceuticals,	Synthetase Proteins, Nucleic			
Inc.	Acids and Strains Comprising			
	Same			
Cubist	Methods for Administration of	09/406,568	6,468,967	10/22/02
Pharmaceuticals,	Antibiotics			
Inc.				
Cubist	Methods for Administration of	10/082,544	6,852,689	02/08/05
Pharmaceuticals,	Antibiotics			
Inc.				
Cubist	Novel Lipopeptides as	09/738,742	6,911,525	06/28/05
Pharmaceuticals,	Antibacterial Agents			
Inc.				
Cubist	Novel Lipopeptides as	11/121,851	7,335,725	02/26/08
Pharmaceuticals,	Antibacterial Agents			
Inc.		00.455	- 100	00407:55
Cubist	Novel Lipopeptides as	09/737,908	7,408,025	08/05/08
Pharmaceuticals,	Antibacterial Agents			
Inc.				

LOAN PARTY	PATENT TITLE	APPLICATION	PATENT	ISSUE
Cubist	Novel Lipopeptides as	NUMBER 09/739,535	NUMBER 6,794,490	DATE 09/21/04
Pharmaceuticals, Inc.	Antibacterial Agents	07/137,333	0,754,450	07/21/04
Cubist	Lipopeptide Stereoisomers,	10/213,218	7,262,268	08/28/07
Pharmaceuticals,	Methods for Preparing Same, and			
Inc.	Useful Intermediates			
Cubist	Method for Identifying Validated	09/227,687	6,846,625	01/25/2005
Pharmaceuticals,	Target and Assay Combinations			
Inc.	for Drug Development	00/244 702	(175 70(11/05/2002
Cubist Pharmaceuticals,	Method for Identifying Validated Target and Assay Combinations	09/344,783	6,475,726	11/05/2002
Inc.	for Drug Development			
Cubist	Regulable Gene Expression in	09/291,874	6,436,694	08/20/2002
Pharmaceuticals,	Gram-Positive Bacteria	05/251,071	0,130,071	00/20/2002
Inc.				
Cubist	Method for Inhibiting Eukaryotic	09/174,263	6,319,898	11/20/2001
Pharmaceuticals,	Protein Kinases			
Inc.				
Cubist	Method for Isolation of	08/861,774	6,297,007	10/02/2001
Pharmaceuticals,	Biosynthesis Genes for Bioactive			
Inc.	Molecules			
Cubist	Novel Heterocycles as	09/393,505	6,153,645	11/28/2000
Pharmaceuticals,	Antimicrobial Agents			
Inc.	Mai 10 Tilla El a	00/17/4 0/1	6 122 004	10/17/2000
Cubist	Method for Inhibiting Eukaryotic Protein Kinases	09/174,261	6,132,984	10/17/2000
Pharmaceuticals, Inc.	Frotein Kinases			
Cubist	Process for Producing A-21978C	06/773,762	4,885,243	12/05/1989
Pharmaceuticals,	Derivatives	00///3,/02	4,865,245	12/03/1909
Inc.				
Cubist	Derivatives of A-21978C Cyclic	06/652,695	4,537,717	08/27/1985
Pharmaceuticals,	Peptides	337302,330	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	00,2,,1,500
Inc.				
Cubist	Novel Antibacterial Agents for the	12/641,465	N/A	N/A
Pharmaceuticals,	Treatment of Gram Positive			
Inc.	Infections			
Cubist	Therapeutic Compositions	11/912,833	N/A	N/A
Pharmaceuticals,				
Inc.	CD 192 215 C	12/401 000	NT/A	NT/A
Cubist Pharmaceuticals,	CB-183,315 Compositions and Related Methods	13/481,009	N/A	N/A
Inc.	Ketated Methods			
1110.		l .	l	1

LOAN PARTY	PATENT TITLE	APPLICATION	PATENT	ISSUE
Cubist Pharmaceuticals, Inc.	Beta-Lactamase Inhibitors	NUMBER 61/618,119	NUMBER N/A	N/A
Cubist Pharmaceuticals, Inc.	Beta-Lactamase Inhibitors	61/618,127	N/A	N/A
Cubist Pharmaceuticals, Inc.	Beta-Lactamase Inhibitors	61/618,131	N/A	N/A
Cubist Pharmaceuticals, Inc.	Beta-Lactamase Inhibitors	61/618,136	N/A	N/A
Cubist Pharmaceuticals, Inc.	Cyclic Peptide Compounds and Related Methods, Salts and Compositions	61/644,974	N/A	N/A
Cubist Pharmaceuticals, Inc.	Cyclic Peptide Compounds and Related Methods, Salts and Compositions	61/645,301	N/A	N/A
Cubist Pharmaceuticals, Inc.	Compositions with Increased Stability for Inhibiting Transient Receptor Potential Ion Channel TRPA 1	61/681,506	N/A	N/A
Cubist Pharmaceuticals, Inc.	Cephalosporin Compound	61/698,241	N/A	N/A
Cubist Pharmaceuticals, Inc.	Cephalosporin derivatives and treatment of infections	61/698,256	N/A	N/A
Adolor Corporation	Kappa Agonist Compounds and Pharmaceutical Formulations Thereof	08/612,680	5,646,151	07/08/97
Adolor Corporation	Kappa Agonist Compounds and Pharmaceutical Formulations Thereof	08/796,078	5,688,955	11/18/97
Adolor Corporation	Kappa Agonist Compounds, Pharmaceutical Formulations and Method of Prevention and Treatment of Pruritus Therewith	09/436,057	6,180,623	01/30/01
Adolor Corporation	Kappa Agonist Compounds and Pharmaceutical Formulations Thereof	10/066,909	RE38,133	06/03/03
Adolor Corporation	Kappa Agonist Compounds and Pharmaceutical Formulations Thereof	10/455,687	6,960,612	11/01/05

LOAN PARTY	PATENT TITLE	APPLICATION	PATENT	ISSUE
		NUMBER	NUMBER	DATE
Adolor Corporation	Kappa Agonist Compounds and Pharmaceutical Formulations Thereof	09/150,369	6,303,611	10/16/01
Adolor Corporation	Kappa Agonist Compounds and Pharmaceutical Formulations Thereof	09/372,191	6,239,154	05/29/01
Adolor Corporation	Spray Formulations of Antihyperalgesic Opiates and Method of Treating Topical Hyperalgesic Conditions Therewith	08/818,559	5,811,078	09/22/98
Adolor Corporation	Spray Formulations of Antihyperalgesic Opiates and Method of Treating Topical Hyperalgesic Conditions and Pruritus Therewith	08/892,389	5,798,093	08/25/98
Adolor Corporation	Method of Treatment of Migrane	08/828,144	5,855,907	01/05/99
Adolor Corporation	Peripherally Acting Anti-Pruritic Opiates	08/892,194	5,849,762	12/15/98
Adolor Corporation	Kappa Agonists Antipruritic Pharmaceutical Formulations and Method of Treating Pruritus Therewith	09/064,695	5,869,521	02/09/99
Adolor Corporation	Kappa Agonists Antipruritic Pharmaceutical Formulations and Method of Treating Pruritus Therewith	09/488,420	6,156,769	12/05/00
Adolor Corporation	Methods for the Treatment and Prevention of Ileus	09/725,708	6,469,030	10/22/02
Adolor Corporation	Methods for the Treatment or Inhibition of Ileus	10/171,299	7,696,220	04/13/10
Adolor Corporation	Novel Methods and Compositions Involving Opioids and Antagonists Thereof	09/725,661	6,451,806	09/17/02
Adolor Corporation	Delta Agonist Analgesics	10/059,953	6,630,462	10/07/03
Adolor Corporation	Processes for the Preparation of Peripheral Opioid Antagonist Compounds and Intermediates Thereto	10/216,158	6,794,510	09/21/04

LOAN PARTY	PATENT TITLE	APPLICATION NUMBER	PATENT NUMBER	ISSUE DATE
Adolor Corporation	Processes for the Preparation of Peripheral Opioid Antagonist Compounds and Intermediates Thereto	10/888,315	7,091,354	08/15/06
Adolor Corporation	Substituted Piperidine Compounds	10/390,522	7,381,721	06/03/08
Adolor Corporation	Substituted Piperidine Compounds and Methods of Their Use	12/110,915	7,884,102	02/08/11
Adolor Corporation	Sulfonylamino Phenylactamide Derivatives and Methods of Their Use	10/458,135	6,992,193	01/31/06
Adolor Corporation	Substituted Piperidine Compounds and Methods of Their Use	10/462,507	6,992,090	01/31/06
Adolor Corporation	Substituted Piperidine Compounds and Methods of Their Use	11/217,528	7,820,827	10/26/10
Adolor Corporation	Substituted Piperidine Compouds and Methods of Their Use	12/897,824	8,288,546	10/16/12
Adolor Corporation	Spirocyclic Heterocyclic Derivatives and Methods of Their Use	10/957,554	7,338,962	03/04/08
Adolor Corporation	Spirocyclic Heterocyclic Derivatives and Methods of Their Use	11/960,845	7,638,527	12/29/09
Adolor Corporation	Spirocyclic Heterocyclic Derivatives and Methods of Their Use	12/483,781	7,906,646	03/15/11
Adolor Corporation	Spirocyclic Heterocyclic Derivatives and Methods of Their Use	12/718,439	8,071,611	12/06/11
Adolor Corporation	Amids Derivatives and Methods of Their Use	10/713,746	7,160,902	01/09/07
Adolor Corporation	Substituted Piperidine Compounds and Methods of Their Use	10/798,664	7,087,749	08/08/06
Adolor Corporation	Substituted Piperidine Compounds and Methods of Their Use	11/442,075	7,767,814	08/03/10
Adolor Corporation	Compositions Containing Opioid Antagonists	11/143,535	7,700,626	04/20/10
Adolor Corporation	Fused Bicyclic Carboxamide Derivatives and Methods of Their Use	10/651,197	7,034,051	04/25/06
Adolor Corporation	Phenyl Derivatives and Methods of Use	11/242,318	7,671,052	03/02/10

LOAN PARTY	PATENT TITLE	APPLICATION	PATENT	ISSUE
		NUMBER	NUMBER	DATE
Adolor	Spirocyclic Heterocyclic Derivatives and Methods of Their	11/393,133	7,598,261	10/06/09
Corporation	Use			
Adolor	Spirocyclic Heterocyclic	12/542,302	8,022,060	09/20/11
Corporation	Derivatives and Methods of Their Use			
Adolor	Solid Dispersions of Opioid	11/543,619	7,914,776	03/29/11
Corporation	Antagonists	ĺ		
Adolor	Novel Opioid Antagonists	11/552,827	7,538,110	05/26/09
Corporation				
Adolor	Novel Opioid Antagonists	12/463,814	8,278,323	10/02/12
Corporation	6.16	11/550 000	7.544.676	0.6.10.0.10.0
Adolor	Sulfamoyl Benzamides and Methods of Their Use	11/558,332	7,544,676	06/09/09
Corporation Adolor	Spirocyclic Heterocyclic	11/696,585	7,576,207	08/18/09
Corporation	Derivatives and Methods of Their	11/090,363	7,370,207	00/10/09
Corporation	Use			
Adolor	Beloxepin and Analogs for the	12/750,558	7,829,576	11/09/10
Corporation	Treatment of Pain			
Adolor	Methods for Delivering a Drug to	12/467,016	8,112,290	02/07/12
Corporation	a Hospital Patient for Short-Term			
	Use While Minimizing Long-			
Adolor	Term Use of the Drug	00/274 624	6 572 292	11/12/20 07
Corporation	Peripherally Active Anti- Hyperalgesic Opiates	09/374,634	6,573,282	11/13/20 07
Adolor	Peripherally Active Anti-	08/712,881	5,994,372	11/30/19 99
Corporation	Hyperalgesic Opiates	00//12,001	3,771,372	11/30/17 77
Adolor	Film-Forming Compositions of	08/891,924	5,888,494	03/30/19 99
Corporation	Anihyperalgesic Opiates and	,		
	Method of Treating Hyperalgesic			
	and Pruritic Conditions Therewith			
Adolor	Compositions Containing Opioid	13/477,742	N/A	N/A
Corporation	Antagonists	12/470 (22	NT/A	NT/A
Adolor Corporation	Novel Opioid Antagonists	13/479,622	N/A	N/A
Adolor	Compositions of (-) 0-E-10-OH-	13/427,744	N/A	N/A
Corporation	NT and Methods for Their	131721,174	14/7	
2 or portation	Synthesis and Use			
Adolor	Beloxepin and Analogs for the	13/252,982	N/A	N/A
Corporation	Treatment of Pain			
Adolor	Spirocyclic Heterocyclic	13/097,940	N/A	N/A
Corporation	Derivatives and Methods of Their			
	Use			

LOAN PARTY	PATENT TITLE	APPLICATION	PATENT	ISSUE
		NUMBER	NUMBER	DATE
Adolor	Spirocyclic Heterocyclic Derivatives and Methods of Their	12/483,781	7,906,646	03/15/20 11
Corporation	Use Use			
Adolor	Spirocyclic Heterocyclic	12/542,302	8,022,060	09/20/20 11
Corporation	Derivatives and Methods of Their Use			
Adolor	(+)-Beloxepin and Methods for its	12/388,950	N/A	N/A
Corporation	Synthesis and Use			
Adolor	Novel Opioid Antagonists	12/463,814	8,278,323	10/02/20 12
Corporation				
Adolor	Substituted Piperidine Compounds	12/110,915	7,884,102	02/08/2011
Corporation	and Methods of Their Use			
Adolor	Compositions of (-)-E-10-OH-NT	12/107,742	N/A	N/A
Corporation	and Methods for their Synethesis and Use			
Adolor	Spirocyclic Heterocyclic	11/960,845	7,638,527	12/29/2009
Corporation	Derivatives and Methods of Their	,		
•	Use			
Adolor	Substituted Piperidine Compounds	11/442,075	7,767,814	08/03/2010
Corporation	and Methods of Their Use			
Adolor	Methods of Preventing and	10/999,054	N/A	N/A
Corporation	Treating Gastrointestinal			
	Dysfunction			
Adolor	Novel Processes for the	10/888,315	7,091,354	08/15/20 06
Corporation	Preparation of Peripheral Opioid			
	Antagonist Compounds and			
Adolor	Intermediates Thereto Substituted Piperidine Compounds	13/007,854	N/A	N/A
Corporation	and Methods of Their Use	13/007,634	IN/A	IN/A
Adolor	Spirocyclic Heterocyclic	13/274,616	N/A	N/A
Corporation	Derivatives and Methods of Their	13/2/4,010	11//1	1771
Corporation	Use			
Adolor	Methods of Preventing and	10/999,054	N/A	N/A
Corporation	Treating Gastrointestinal	,		
Adolor	Compositions Containing Opioid	13/477,742	N/A	N/A
Corporation	Antagonists			
Adolor	Spirocyclic Heterocyclic	13/097,940	N/A	N/A
Corporation	Derivatives and Methods of Their Use			
Adolor	Compositions Containing Opioid	11/582,681	N/A	N/A
Corporation	Antagonists	11/302,001	1 1/1 1	1 1/11
Adolor	Novel Opioid Antagonists	13/479,622	N/A	N/A
Corporation		· 		

LOAN PARTY	PATENT TITLE	APPLICATION	PATENT	ISSUE
		NUMBER	NUMBER	DATE
Adolor	Methods for Enhancing Cognitive	11/851,995	N/A	N/A
Corporation	Function			
Adolor	Compositions of (-)-E-10-OH-NT	13/427,744	N/A	N/A
Corporation	and Methods for Their Synthesis			
	and Use			
Adolor	(-)-Beloxepin and Methods for its	12/388,903	N/A	N/A
Corporation	Synthesis and Use			
Adolor	Beloxepin and Analogs for the	13/648,153	N/A	N/A
Corporation	Treatment of Pain			
Adolor	Methods For Delivering a Drug to	13/541,628	N/A	N/A
Corporation	a Hospital Patient For Short-Term			
	Use While Minimizing Long-			
	Term Use of the Drug			
Adolor	Substituted Piperidinylpropanoic	12/795,095	N/A	N/A
Corporation	Acid Compounds and Methods of			
	Their Use			
Adolor	Use of An Opioid Receptor	12/884,985	N/A	N/A
Corporation	Antagonist For the Treatment or			
	Prevention of Gastrointestinal			
	Tract Disorders			
Cubist	Inhibiting Transient Receptor	13/571,288 ¹	N/A	N/A
Pharmaceuticals,	Potential Ion Channel TRPA1			
Inc.				
Cubist	Inhibiting Transient Receptor	61/681,571 ²	N/A	N/A
Pharmaceuticals,	Potential Ion Channel TRPA1			
Inc.				
Calixa	Methods for Treating	61/657,386	N/A	N/A
Therapeutics, Inc.	Intrapulmonary Infections			
Calixa	Methods for Treating	13/607,138	N/A	N/A
Therapeutics, Inc.	Intrapulmonary Infections			
Calixa	Tazobactam Arginine	13/628,742	N/A	N/A
Therapeutics, Inc.	Compositions			
Calixa	Tazobactam Arginine Antibiotic	61/706,399	N/A	N/A
Therapeutics, Inc.	Compositions			

This patent is co-owned with Hydra Biosciences, Inc.

². This patent is co-owned with Hydra Biosciences, Inc.

EXHIBIT B TO RELEASE OF SECURITY INTEREST IN PATENTS AND PATENT APPLICATIONS

PATENTS AND PATENT APPLICATIONS (CUBIST)

	PATENT TITLE	APPLICATION	PATENT	ISSUE
		NUMBER	NUMBER	DATE
ubist	Methods for Administration of	09/406,568	6,468,967	10/22/02
narmaceuticals,	Antibiotics			
c.				
ubist	Methods for Administration of	10/082,544	6,852,689	02/08/05
narmaceuticals,	Antibiotics			
c.				
ubist	High Purity Lipopeptides,	09/735,191	6,696,412	02/24/04
narmaceuticals,	Lipopeptide Micelles and			
c.	Processes for Preparing Same			
ubist	High Purity Lipopeptides	11/739,180	8,058,238	11/15/11
narmaceuticals,				
c.				
ubist	High Purity Lipopeptides	12/888,233	8,129,342	03/06/12
narmaceuticals,				
c.				
ubist	Anhydro- and Isomer-a-21978c	09/547,357	RE39,071	04/18/06
narmaceuticals,	Cyclic Peptides			
c.				
ubist	Daptomycin for the Treatment of	11/916,089	8,003,673	08/23/11
narmaceuticals,	Biofilm and Catheter Salvage			
c.	_			
ubist	High Purity Lipopeptides	13/398,219	N/A	N/A
narmaceuticals,				
c.				
ubist	High Purity Lipopeptides	13/398,219	N/A	N/A
narmaceuticals,				
c.				
ubist	Methods for Preparing Purified	12/198,666	N/A	N/A
narmaceuticals,	Lipopeptides			
c.				
ubist	Lipopeptide Compositions and	13/511,246	N/A	N/A
narmaceuticals,	Related Methods			
c.				
c. ubist narmaceuticals, c. ubist	Anhydro- and Isomer-a-21978c Cyclic Peptides Daptomycin for the Treatment of Biofilm and Catheter Salvage High Purity Lipopeptides High Purity Lipopeptides Methods for Preparing Purified Lipopeptides Lipopeptide Compositions and	09/547,357 11/916,089 13/398,219 12/198,666	RE39,071 8,003,673 N/A N/A	04/18/0 08/23/1 N/A N/A

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