

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3558575

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS	
CONVEYING PARTY DATA		
Name		Execution Date
NEKTAR THERAPEUTICS		10/05/2015
RECEIVING PARTY DATA		
Name:	TC LENDING, LLC, AS COLLATERAL AGENT	
Street Address:	301 COMMERCE STREET	
Internal Address:	SUITE 3300	
City:	FORT WORTH	
State/Country:	TEXAS	
Postal Code:	76102	
PROPERTY NUMBERS Total: 372		
Property Type	Number	
Application Number:	14284067	
Application Number:	13510587	
Application Number:	12936373	
Application Number:	14040277	
Application Number:	14832344	
Application Number:	12530412	
Application Number:	10943799	
Application Number:	11948767	
Application Number:	12709800	
Application Number:	12728072	
Application Number:	13765433	
Application Number:	14323993	
Application Number:	10290082	
Application Number:	11336695	
Application Number:	12963170	
Application Number:	13593861	
Application Number:	13865912	
Application Number:	14334223	
Application Number:	13120551	

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Property Type	Number
Application Number:	14555440
Application Number:	11009304
Application Number:	11454971
Application Number:	13525068
Application Number:	13788179
Application Number:	14109302
Application Number:	14570705
Application Number:	14807244
Application Number:	61137873
Application Number:	13057042
Application Number:	12991402
Application Number:	13782842
Application Number:	61205059
Application Number:	13142813
Application Number:	61413236
Application Number:	13884901
Application Number:	12296268
Application Number:	14819212
Application Number:	11357936
Application Number:	12086687
Application Number:	13617756
Application Number:	12737833
Application Number:	13059624
Application Number:	13823953
Application Number:	14645347
Application Number:	10742465
Application Number:	11832925
Application Number:	14356486
Application Number:	12006073
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Application Number:	10071469
Application Number:	11016383
Application Number:	12620011
Application Number:	14581263
Application Number:	09590622
Application Number:	13108616
Application Number:	09469418
Application Number:	09842977

Property Type	Number
Application Number:	09842976
Application Number:	09842514
Application Number:	10361451
Application Number:	11033547
Application Number:	11414456
Application Number:	12559320
Application Number:	09459312
Application Number:	10412642
Application Number:	11377973
Application Number:	11890162
Application Number:	12559162
Application Number:	12826664
Application Number:	13027218
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Application Number:	13336886
Application Number:	13474548
Application Number:	12738980
Application Number:	13865021
Application Number:	14335719
Application Number:	09712536
Application Number:	10398845
Application Number:	12899521
Application Number:	13764399
Application Number:	10750996
Application Number:	11904990
Application Number:	12642413
Application Number:	13172043
Application Number:	09700441
Application Number:	08765540
Application Number:	09380025
Application Number:	11458269
Application Number:	14051246
Application Number:	10897386
Application Number:	14074421
Application Number:	11490268

Property Type	Number
Application Number:	12940009
Application Number:	13252761
Application Number:	13529224
Application Number:	09740556
Application Number:	10068371
Application Number:	10068349
Application Number:	10727337
Application Number:	11492133
Application Number:	12150136
Application Number:	12433874
Application Number:	12756905
Application Number:	13154917
Application Number:	13664021
Application Number:	14059020
Application Number:	14467634
Application Number:	13023960
Application Number:	13922020
Application Number:	11004631
Application Number:	12822148
Application Number:	13233717
Application Number:	13568518
Application Number:	14153783
Application Number:	11040142
Application Number:	11497463
Application Number:	12820124
Application Number:	13463686
Application Number:	13894707
Application Number:	14329612
Application Number:	10751010
Application Number:	11904985
Application Number:	12547369
Application Number:	13325936
Application Number:	13554292
Application Number:	10659735
Application Number:	12496294
Application Number:	13453769
Application Number:	13856704
Application Number:	14303285

Property Type	Number
Application Number:	12993807
Application Number:	13496170
Application Number:	10054662
Application Number:	10795913
Application Number:	10984679
Application Number:	11894445
Application Number:	12538013
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Application Number:	13152144
Application Number:	12515736
Application Number:	13680764
Application Number:	14021399
Application Number:	13058320
Application Number:	14137090
Application Number:	14591601
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Application Number:	13995415
Application Number:	13995287
Application Number:	08443383
Application Number:	13384575
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Application Number:	13879603
Application Number:	12921778
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Property Type	Number
Application Number:	13203066
Application Number:	12530424
Application Number:	13757219
Application Number:	14640982
Application Number:	12936894
Application Number:	12989074
Application Number:	14627370
Application Number:	13433100
Application Number:	14223572
Application Number:	12674139
Application Number:	14266317
Application Number:	14820210
Application Number:	12865372
Application Number:	14338111
Application Number:	13994606
Application Number:	12680877
Application Number:	14315998
Application Number:	12742432
Application Number:	13971391
Application Number:	13580580
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Application Number:	14640686
Application Number:	12934610
Application Number:	12739605
Application Number:	14477606
Application Number:	12676128
Application Number:	14259526
Application Number:	13386327
Application Number:	14032648
Application Number:	14581832
Application Number:	12558395
Application Number:	13426521
Application Number:	13538540
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Application Number:	12864481
Application Number:	14175410
Application Number:	14729578

Property Type	Number
Application Number:	13146612
Application Number:	13119107
Application Number:	13264584
Application Number:	14336764
Application Number:	13264519
Application Number:	13963562
Application Number:	14547633
Application Number:	13319824
Application Number:	14282732
Application Number:	14528444
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Application Number:	10004522
Application Number:	11458008
Application Number:	14841325
Application Number:	10030392
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Application Number:	10413457
Application Number:	12483378
Application Number:	13294881
Application Number:	13908540
Application Number:	14451201
Application Number:	10422342
Application Number:	10514895
Application Number:	61192247
Application Number:	13063919
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Application Number:	09082063
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Application Number:	09993088
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Property Type	Number
Application Number:	10668456
Application Number:	11314912
Application Number:	11799259
Application Number:	12410438
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Application Number:	11454998
Application Number:	14228972
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Application Number:	10274296
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Application Number:	13119216
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Application Number:	14167271
Application Number:	10751009
Application Number:	11714322
Application Number:	11579465
Application Number:	14045489
Application Number:	11579475
Application Number:	10851691
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Application Number:	13043438
Application Number:	14136497
Application Number:	14720213
Application Number:	10647561
Application Number:	13170760
Application Number:	11082229
Application Number:	11402641
Application Number:	13593183
Application Number:	13800138
Application Number:	61426893
Application Number:	13995819
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Application Number:	12638811
Application Number:	14076116

Property Type	Number
Application Number:	10789956
Application Number:	11702302
Application Number:	12157072
Application Number:	12636469
Application Number:	12636594
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Application Number:	13431844
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Application Number:	13996834
Application Number:	61192417
Application Number:	13119079
Application Number:	12224201
Application Number:	13674854
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Application Number:	12710167
Application Number:	12822935
Application Number:	13271158
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Application Number:	12530363
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Application Number:	11051728
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Application Number:	13308361
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Application Number:	13528103

Property Type	Number
Application Number:	13921889
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Application Number:	12297632
Application Number:	13447131
Application Number:	09741933
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Property Type	Number
Application Number:	12908266
Application Number:	13301715
Application Number:	13995063
Application Number:	14122384
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Application Number:	14439473
Application Number:	14428816
Application Number:	14648042
Application Number:	14292613
Application Number:	62131634
Application Number:	62159120

CORRESPONDENCE DATA

Fax Number: (212)593-5955

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.

Phone: 212-756-2132

Email: scott.kareff@srz.com

Correspondent Name: S. KAREFF C/O SCHULTE ROTH & ZABEL LLP

Address Line 1: 919 THIRD AVENUE

Address Line 2: 25TH FLOOR

Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	079464-0057
NAME OF SUBMITTER:	SCOTT KAREFF (079464-0057)
SIGNATURE:	/kc for sk/
DATE SIGNED:	10/06/2015

Total Attachments: 19

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GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Nektar Therapeutics, a Delaware corporation (the “Grantor”) with principal offices at 455 Mission Bay Blvd South, San Francisco, CA 94158, hereby grants to TC Lending, LLC, as Collateral Agent, with principal offices at 301 Commerce Street, Suite 3300, Fort Worth, TX 76102, (the “Grantee”), a continuing security interest in (i) all of the Grantor’s rights, title and interest in, to and under the United States patents (the “Patents”) set forth on Schedule A attached hereto, in each case together with (ii) all proceeds (as such term is defined in the Uniform Commercial Code of the State of New York as in effect from time to time) and products of the Patents, and (iii) all causes of action arising prior to or after the date hereof for infringement of any of the Patents or unfair competition regarding the same.

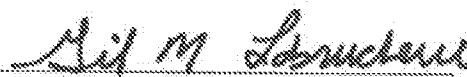
THIS GRANT is made to secure the satisfactory performance and payment of all the Obligations of the Grantor, as such term is defined in the Pledge and Security Agreement among the Grantor, the other Grantors from time to time party thereto and the Grantee, dated as of October 5, 2015 (as amended, modified, restated and/or supplemented from time to time, the “Security Agreement”). Upon the occurrence of the Termination Date (as defined in the Security Agreement), the Grantee shall execute, acknowledge, and deliver to the Grantor an instrument in writing releasing the security interest in the Patents acquired under this Grant.

This Grant has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are as set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

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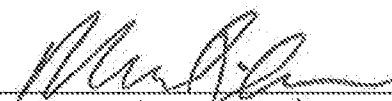
IN WITNESS WHEREOF, the undersigned have executed this Grant as of the 5th day of October, 2015.

NEKTAR THERAPEUTICS, Grantor

By 
Name: **Gil M. Labrucherie**
Title: **SVP & General Counsel**

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the 5th day of October, 2015.

TC LENDING, LLC,
as Collateral Agent and Grantee

By 
Name: Michael Fishman
Title: co-CEO

(see attached)

NEKTAR THERAPEUTICS

Patents

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COUNTRY	REFERENCE#	TYP	FILED	SERIAL#	ISSUED	PATENT	STATUS
ACID SALT FORMS OF POLYMER-DRUG CONJUGATES AND ALKOXYLATION METHODS							
UNITED STATES	SHE0223.10	CON	5/21/2014	14/284,067			PENDING
SALT FORM OF A MULTI-ARM POLYMER-DRUG CONJUGATE							
UNITED STATES	SHE0346.00	CEQ	5/17/2012	13/510,587			PENDING
AEROSOLIZATION DEVICE							
UNITED STATES	0327.00	DCA	12/23/2010	12/936,373	10/15/2013	8,555,874	ISSUED
UNITED STATES	0327.10	CON	9/27/2013	14/040,277			PUBLISHED
UNITED STATES	0327.11	CON	8/21/2015	14/832,344			PENDING
AVOIDANCE OF FIRST-PASS METABOLISM AND BBB PENETRATION OF PEG-BETA BLOCKER CONJUGATES							
UNITED STATES	SHE0159.00	DCA	3/17/2010	12/530,412			PUBLISHED
BRANCHED POLYMER CONJUGATES OF COMPTOTHECIN COMPOUNDS							
UNITED STATES	SHE0077.00	FCA	9/17/2004	10/943,799	6/29/2010	7,744,861	ISSUED
UNITED STATES	SHE0077.20	CIP	11/30/200	11/948,767	3/12/2013	8,394,365	ISSUED
UNITED STATES	SHE0077.11	CON	2/22/2010	12/709,800	9/11/2012	8,263,062	ISSUED
UNITED STATES	SHE0077.12	CON	3/19/2010	12/728,072	11/27/2012	8,318,145	ISSUED
UNITED STATES	SHE0077.21	CON	2/12/2013	13/765,433	7/8/2014	8,771,662	ISSUED
UNITED STATES	SHE0077.22	CON	7/3/2014	14/323,993			PENDING
BRANCHED POLYMER DERIVATIVES							
UNITED STATES	SHE0058.00	FCA	11/7/2002	10/290,082	4/11/2006	7,026,440	ISSUED
UNITED STATES	SHE0058.10	DIV	1/20/2006	11/336,695	1/18/2011	7,872,072	ISSUED
UNITED STATES	SHE0058.11	CON	12/8/2010	12/963,170	9/25/2012	8,273,833	ISSUED
UNITES STATES	SHE0058.12	CON	8/24/2012	13/593,861	5/14/2013	8,440,816	ISSUED
UNITED STATES	SHE0058.13	CON	4/18/2013	13/865,912	8/19/2014	8,809,453	ISSUED
UNITED STATES	SHE0058.14	CON	7/17/2014	14/334,223			PENDING
COMPOSITIONS AND METHODS FOR ACHIEVING SUSTAINED THERAPEUTIC DRUG CONCENTRATIONS IN A SUBJECT							
UNITED STATES	SHE0219.00	DCA	3/23/2011	13/120,551	12/9/2014	8,906,353	ISSUED
UNITED STATES	SHE0219.10	CON	11/26/2014	14/555,440			PENDING
COMPOSITIONS COMPRISING TWO DIFFERENT POPULATIONS OF POLYMER-ACTIVE AGENT CONJUGATES							
UNITED STATES	SHE0092.00	FCA	12/10/2004	11/009,304			PENDING

NEKTAR THERAPEUTICS

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COUNTRY	REFERENCE#	TYP	FILED	SERIAL#	ISSUED	PATENT	STATUS
CONJUGATES HAVING A DEGRADABLE LINKAGE AND POLYMERIC REAGENTS USEFUL IN PREPARING SUCH CONJUGATES							
UNITED STATES	SHE0106.00	FCA	6/16/2006	11/454,971	8/28/2012	8,252,275	ISSUED
UNITED STATES	SHE0106.10	CON	6/15/2012	13/525,068	5/7/2013	8,435,505	ISSUED
UNITED STATES	SHE0106.11	CON	3/7/2013	13/788,179	4/22/2014	8,703,115	ISSUED
UNITED STATES	SHE0106.12	CON	12/17/2013	14/109,302	12/16/2014	8,911,718	ISSUED
UNITED STATES	SHE0106.13	CON	12/15/2014	14/570,705	7/28/2015	9,090,740	ISSUED
UNITED STATES	SHE0106.14	CON	7/23/2015	14/807,244			PENDING
CONJUGATES HAVING A RELEASABLE LINKAGE							
UNITED STATES	SHE0167.PRO	NEW	8/1/2008	61/137,873			PENDING
UNITED STATES	SHE0167.00	DCA	4/19/2011	13/057,042	11/5/2013	8,575,102	ISSUED
CONJUGATES OF A CHOLINESTERASE MOIETY AND A POLYMER							
UNITED STATES	SHE0169.00	DCA	1/18/2011	12/991,402			PENDING
CONJUGATES OF A GM-CSF MOIETY AND A POLYMER							
UNITED STATES	SHE0104.10	CON	3/1/2013	13/782,842			PENDING
CONJUGATES OF A LYSOSOMAL ENZYME MOIETY AND A WATER SOLUBLE POLYMER							
UNITED STATES	SHE0123.PRO3	NEW	1/12/2009	61/205,059			PENDING
UNITED STATES	SHE0123.00	DCA	9/7/2011	13/142,813			PENDING
CONJUGATES OF AN IL-2 MOIETY AND A POLYMER							
UNITED STATES	SHE0326.PRO	NEW	11/12/2010	61/413,236			PENDING
UNITED STATES	SHE0326.00	DCA	8/27/2013	13/884,901			PENDING
CONJUGATES OF AN ANTI-TNF-ALPHA ANTIBODY							
UNITED STATES	SHE0100.00	DCA	9/22/2009	12/296,268	8/11/2015	9,101,670	ISSUED
UNITED STATES	SHE0100.10	CON	8/5/2015	14/819,212			PENDING
CONJUGATES OF AN EPO MOIETY AND A POLYMER							
UNITED STATES	SHE0113.00	FCA	2/16/2006	11/357,936	5/11/2010	7,714,114	ISSUED
CONJUGATES OF GLP-1							
UNITED STATES	SHE0116.00	DCA	11/18/2009	12/086,687	10/23/2012	8,293,869	ISSUED
UNITED STATES	SHE0116.10	CON	9/14/2012	13/617,756	11/12/2013	8,580,919	ISSUED
CONJUGATES OF SMALL-INTERFERING NUCLEIC ACIDS							
UNITED STATES	SHE0205.00	DCA	2/18/2011	12/737,833			PENDING
COMPLEXES OF SMALL-INTERFERING NUCLEIC ACIDS							
UNITED STATES	SHE0267.00	DCA	4/26/2011	13/059,624			PENDING
CRYSTALLINE NALOXOL-PEG CONJUGATE							
UNITED STATES	SHE0324.00	CEQ	9/29/2011	13/823,953	4/21/2015	9,012,469	ISSUED
UNITED STATES	SHE0324.10	CON	3/11/2015	14/645,347			PENDING

NEKTAR THERAPEUTICS

Patents

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COUNTRY	REFERENCE#	TYP	FILED	SERIAL#	ISSUED	PATENT	STATUS
CYANOVIRIN VARIANT-POLYMER CONJUGATES							
UNITED STATES	SHE0068.00	FCA	12/18/200	10/742,465	9/11/2007	7,267,941	ISSUED
UNITED STATES	SHE0068.10	DIV	8/2/2007	11/832,925	6/16/2009	7,547,509	ISSUED
DOSAGE FORMS AND CO-ADMINISTRATION OF AN OPIOID AGONIST COMPOUND AND AN ANALGESIC							
UNITED STATES	SHE0375.00	DCA	5/6/2014	14/356,486			PENDING
FACTOR IX MOIETY-POLYMER CONJUGATES HAVING A DEGRADABLE LINKAGE							
UNITED STATES	SHE0172.00	FCA	12/27/2007	12/006,073	8/13/2013	8,507,653	ISSUED
HETEROBIFUNCTIONAL POLY (ETHYLENE GLYCOL) DERIVATIVES AND METHODS FOR THEIR PREPARATION							
UNITED STATES	SHE0028.00	FCA	11/5/1998	09/186,759	9/10/2002	6,448,369	ISSUED
UNITED STATES	SHE0028.10	DIV	2/8/2002	10/071,469	3/8/2005	6,864,327	ISSUED
UNITED STATES	SHE0028.20	CIP	12/17/2004	11/016,383	1/5/2010	7,642,323	ISSUED
UNITED STATES	SHE0028.21	CON	11/17/2009	12/620,011	1/27/2015	8,940,801	ISSUED
UNITED STATES	SHE0028.22	CON	12/23/2014	14/581,263			PENDING
HYDROGELS DERIVED FROM CHITOSAN AND POLY(ETHYLENE GLYCOL) OR RELATED POLYMERS							
UNITED STATES	SHE0038.00	FCA	6/8/2000	09/590,622	8/5/2003	6,602,952	ISSUED
HYDROLYTICALLY DEGRADABLE ALKYLENE OXIDE BASED POLYMERS							
UNITED STATES	SHE0055.10	CON	5/16/2011	13/108,616	5/26/2015	9,040,060	ISSUED
HYDROLYTICALLY DEGRADABLE CARBAMATE DERIVATIVES OF POLY(ETHYLENE GLYCOL)							
UNITED STATES	SHE0033.00	NEW	12/23/199	09/469,418	7/2/2002	6,413,507	ISSUED
UNITED STATES	SHE0033.10	DIV	4/26/2001	09/842,977	2/4/2003	6,514,491	ISSUED
UNITED STATES	SHE0033.11	DIV	4/26/2001	09/842,976	10/8/2002	6,461,602	ISSUED
UNITED STATES	SHE0033.12	DIV	4/26/2001	09/842,514	4/1/2003	6,541,015	ISSUED
UNITED STATES	SHE0033.13	CON	2/10/2003	10/361,451	5/31/2005	6,899,867	ISSUED
UNITED STATES	SHE0033.14 STE	CON	1/10/2005	11/033,547	6/13/2006	7,060,259	ISSUED
UNITED STATES	SHE0033.15	CON	4/28/2006	11/414,456	10/27/200	7,608,253	ISSUED
UNITED STATES	SHE0033.16	CON	9/14/2009	12/559,320	8/2/2011	7,988,956	ISSUED
HYDROLYTICALLY DEGRADABLE POLYMERS AND HYDROGELS MADE THEREFROM							
UNITED STATES	SHE0039.00	NEW	12/10/199	09/459,312	2/19/2002	6,348,558	ISSUED
UNITED STATES	SHE0039.11	CON	4/10/2003	10/412,642	7/11/2006	7,074,878	ISSUED
UNITED STATES	SHE0039.12	CON	3/17/2006	11/377,973	8/21/2007	7,259,224	ISSUED
UNITED STATES	SHE0039.13	CON	8/3/2007	11/890,162	10/27/200	7,608,678	ISSUED
UNITED STATES	SHE0039.14	CON	9/14/2009	12/559,162	8/10/2010	7,772,357	ISSUED
UNITED STATES	SHE0039.15	CON	6/29/2010	12/826,664	3/22/2011	7,910,685	ISSUED
UNITED STATES	SHE0039.16	CON	2/14/2011	13/027,218	2/21/2012	8,119,756	ISSUED
UNITED STATES	SHE0039.17	DIV	1/5/2012	13/344,434	10/9/2012	8,283,434	ISSUED
HYDROLYTICALLY STABLE MALEIMIDE-TERMINATED POLYMERS							
UNITED STATES	SHE0063.00	FCA	12/31/2003	10/751,274	10/7/2008	7,432,330	ISSUED
UNITED STATES	SHE0063.20	CIP	3/25/2005	11/091,024	10/7/2008	7,432,331	ISSUED
UNITED STATES	SHE0063.21	CON	8/26/2008	12/229,650	1/31/2012	8,106,131	ISSUED
UNITED STATES	SHE0063.22	CON	12/23/2011	13/336,886	7/24/2012	8,227,555	ISSUED
UNITED STATES	SHE0063.23	CON	5/17/2012	13/474,548	9/16/2014	8,835,556	ISSUED

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HYDROXYAPATITE-TARGETING MULTIARM POLYMERS AND CONJUGATES MADE THEREFROM							
UNITED STATES	SHE0133.00	DCA	7/28/2010	12/738,980	5/14/2013	8,440,787	ISSUED
UNITED STATES	SHE0133.10	CON	4/17/2013	13/865,021	8/26/2014	8,815,227	ISSUED
UNITED STATES	SHE0013.11	CON	7/18/2014	14/335,719			PENDING
HYDROXYAPATITE-TARGETING POLY(ETHYLENE GLYCOL) AND RELATED POLYMERS							
UNITED STATES	SHE0045.00	NEW	11/14/2000	09/712,536	8/20/2002	6,436,386	ISSUED
UNITED STATES	SHE0045.10	DCA	8/6/2003	10/398,845	11/9/2010	7,829,074	ISSUED
UNITED STATES	SHE0045.11	CON	10/6/2010	12/899,521	2/12/2013	8,372,422	ISSUED
UNITED STATES	SHE0045.12	CON	2/11/2013	13/764,399	7/22/2014	8,784,849	ISSUED
MALEAMIC ACID POLYMER DERIVATIVES AND THEIR BIOCONJUGATES							
UNITED STATES	SHE0065.00	FCA	12/31/2003	10/750,996	2/12/2008	7,329,721	ISSUED
UNITED STATES	SHE0065.10	DIV	9/27/2007	11/904,990	2/9/2010	7,659,361	ISSUED
UNITED STATES	SHE0065.11	CON	12/18/2009	12/642,413	8/9/2011	7,994,272	ISSUED
UNITED STATES	SHE0065.12	CON	6/29/2011	13/172,043	11/6/2012	8,304,511	ISSUED
METHOD AND APPARATUS FOR PARTICLE FORMATION (SEDS V)							
UNITED STATES	0111.00	DCA	3/8/2001	09/700,441	6/10/2003	6,576,262	ISSUED
METHOD AND APPARATUS FOR THE FORMATION OF PARTICLES (SEDS II)							
UNITED STATES	0108.00	DCA	6/30/1995	08/765,540	5/16/2000	6,063,138	ISSUED
METHOD AND APPARATUS FOR THE FORMATION OF PARTICLES (SEDS III)							
UNITED STATES	0109.00 TP	DCA	8/23/1999	09/380,025	8/27/2002	6,440,337	ISSUED
METHOD FOR PREPARING BRANCHED FUNCTIONALIZED POLYMERS USING BRANCHED POLYOL CORES							
UNITED STATES	SHE0110.00	FCA	7/18/2006	11/458,269	10/29/2013	8,568,705	ISSUED
UNITED STATES	SHE0110.10	CON	10/10/2013	14/051,246	12/3/2014	8,901,246	ISSUED
METHOD FOR PREPARING FUNCTIONALIZED POLYMERS FROM POLYMERIC POLYOLS							
UNITED STATES	SHE0084.00	FCA	7/22/2004	10/897,386	12/10/2013	8,604,159	ISSUED
UNITED STATES	SHE0084.10	CON	11/7/2013	14/074,421			PENDING
METHOD FOR PREPARING POLYMER MALEIMIDES							
UNITED STATES	SHE0124.00	FCA	7/19/2006	11/490,268	1/18/2011	7,872,082	ISSUED
UNITED STATES	SHE0124.10	CON	11/4/2010	12/940,009	11/15/201	8,058,385	ISSUED
UNITED STATES	SHE0124.11	CON	10/4/2011	13/252,761	7/24/2012	8,227,558	ISSUED
UNITED STATES	SHE0124.12	CON	6/21/2012	13/529,224			PENDING
METHOD FOR THE PREPARATION OF 1-BENZOTRIAZOLYL CARBONATE ESTERS OF POLY(ETHYLENE GLYCOL)							
UNITED STATES	SHE0034.00	FCA	12/18/2000	09/740,556	4/23/2002	6,376,604	ISSUED
UNITED STATES	SHE0034.10	DIV	2/6/2002	10/068,371	3/23/2004	6,710,125	ISSUED
UNITED STATES	SHE0034.11	DIV	2/6/2002	10/068,349	9/23/2003	6,624,246	ISSUED
UNITED STATES	SHE0034.12 STE	CON	12/2/2003	10/727,337	9/5/2006	7,101,932	ISSUED
UNITED STATES	SHE0034.13 STE	CON	7/24/2006	11/492,133	5/27/2008	7,378,469	ISSUED
UNITED STATES	SHE0034.14	CON	4/25/2008	12/150,136	6/9/2009	7,544,738	ISSUED
UNITED STATES	SHE0034.15	CON	4/30/2009	12/433,874	5/25/2010	7,723,432	ISSUED
UNITED STATES	SHE0034.16	CON	4/8/2010	12/756,905	7/12/2011	7,977,427	ISSUED
UNITED STATES	SHE0034.17	CON	6/7/2011	13/154,917	10/30/2012	8,299,173	ISSUED

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UNITED STATES	SHE0034.18	CON	10/30/2012	13/664,021	10/22/2013	8,563,651	ISSUED
UNITED STATES	SHE0034.19	CON	10/21/2013	14/059,020	8/26/2014	8,816,002	ISSUED
UNITED STATES	SHE0034.20	CON	8/25/2014	14/467,634			PENDING
METHOD OF PREPARING CARBOXYLIC ACID TERMINATED POLYMERS							
UNITED STATES	SHE0088.10	CON	2/9/2011	13/023,960	11/29/201	8,067,505	ISSUED
UNITED STATES	SHE0088.12	CON	6/19/2013	13/922,020			PENDING
METHOD OF PREPARING MALEIMIDE FUNCTIONALIZED POLYMERS							
UNITED STATES	SHE0085.00	FCA	12/3/2004	11/004,631	9/7/2010	7,790,835	ISSUED
UNITED STATES	SHE0085.10	CON	6/23/2010	12/822,148	10/18/201	8,039,579	ISSUED
UNITED STATES	SHE0085.11	CON	9/15/2011	13/233,717	9/4/2012	8,258,324	ISSUED
UNITED STATES	SHE0085.12	CON	8/7/2012	13/568,518	2/18/2014	8,653,286	ISSUED
UNITED STATES	SHE0085.13	CON	1/13/2014	14/153,783	11/25/2014	8,895,759	ISSUED
METHOD OF PREPARING PROPIONIC ACID TERMINATED POLYMERS							
UNITED STATES	SHE0066.00	FCA	1/21/2005	11/040,142	10/27/200	7,608,663	ISSUED
METHODS FOR PREPARING CARBONATE ESTERS OF POLY(ETHYLENE GLYCOL)							
UNITED STATES	SHE0115.00	FCA	7/31/2006	11/497,463	8/3/2010	7,767,784	ISSUED
UNITED STATES	SHE0115.10	CON	5/21/2010	12/820,124	6/5/2012	8,193,306	ISSUED
UNITED STATES	SHE0115.11	CON	5/3/2012	13/463,686	6/11/2013	8,461,295	ISSUED
UNITED STATES	SHE0115.12	CON	5/15/2013	13/894,707	8/19/2014	8,809,489	ISSUED
UNITED STATES	SHE0115.13	CON	7/11/2014	14/329,612			PENDING
METHODS FOR THE FORMATION OF HYDROGELS USING THIOSULFONATE COMPOSITIONS AND USES THEREOF							
UNITED STATES	SHE0059.00	FCA	12/31/2003	10/751,010	12/25/200	7,312,301	ISSUED
UNITED STATES	SHE0059.10	DIV	9/27/2007	11/904,985	10/6/2009	7,598,338	ISSUED
UNITED STATES	SHE0059.11	CON	8/25/2009	12/547,369	1/17/2012	8,097,695	ISSUED
UNITED STATES	SHE0059.12	CON	12/14/2011	13/325,936	8/21/2012	8,247,598	ISSUED
UNITED STATES	SHE0059.13	CON	7/20/2012	13/554,292	5/28/2013	8,450,390	ISSUED
METHODS OF PREPARING POLY(ALKYLENE GLYCOL) CARBOXYLIC ACIDS VIA ORTHOESTERS							
UNITED STATES	SHE0064.00	FCA	9/9/2003	10/659,735	8/4/2009	7,569,214	ISSUED
UNITED STATES	SHE0064.10	CON	7/1/2009	12/496,294	5/22/2012	8,182,801	ISSUED
UNITED STATES	SHE0064.11	CON	4/23/2012	13/453,769	5/7/2013	8,435,504	ISSUED
UNITED STATES	SHE0064.12	CON	4/4/2013	13/856,704	7/22/2014	8,784,791	ISSUED
UNITES STATES	SHE0064.13	CON	6/12/2014	14/303,285	6/2/2015	9,045,494	ISSUED
METHODS OF TREATING CYP2D6 ALTERNATIVE METABOLIZERS							
UNITED STATES	SHE0182.00	DCA	3/11/2011	12/993,807			PENDING
MONOCONJUGATED CHITOSANS AS DELIVERY AGENTS FOR RNA							
UNITED STATES	SHE0276.00	DCA	3/14/2012	13/496,170	12/23/2014	8,916,693	ISSUED

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MULTIARM BLOCK COPOLYMERS AS DRUG DELIVERY VEHICLES							
UNITED STATES	SHE0050.00	FCA	1/22/2002	10/054,662	5/4/2004	6,730,334	ISSUED
UNITED STATES	SHE0050.10	DIV	3/8/2004	10/795,913	1/4/2005	6,838,528	ISSUED
UNITED STATES	SHE0050.20	CIP	11/8/2004	10/984,679	9/4/2007	7,265,186	ISSUED
UNITED STATES	SHE0050.21	CON	8/21/2007	11/894,445	9/15/2009	7,589,157	ISSUED
UNITED STATES	SHE0050.22	CON	8/7/2009	12/538,013	12/6/2011	8,071,692	ISSUED
UNITED STATES	SHE0050.23	CON	11/2/2011	13/287,852	12/25/2012	8,338,545	ISSUED
UNITED STATES	SHE0050.24	CON	11/19/2012	13/680,953	11/19/2013	8,586,681	ISSUED
MULTI-ARM POLY(AMINO ACIDS)-PEG AS DRUG DELIVERY CARRIERS							
UNITED STATES	SHE0062.00	FCA	12/24/2003	10/746,567	1/8/2008	7,316,811	ISSUED
UNITED STATES	SHE0062.10	CON	11/14/2007	11/985,443	7/12/2011	7,976,834	ISSUED
UNITED STATES	SHE0062.11	CON	6/2/2011	13/152,144	12/4/2012	8,323,632	ISSUED
MULTI-ARM POLYMER PRODRUGS							
UNITED STATES	SHE0156.00	DCA	9/23/2009	12/515,736	1/15/2013	8,354,549	ISSUED
UNITED STATES	SHE0156.10	CON	11/19/2012	13/680,764	9/24/2013	8,541,608	ISSUED
UNITED STATES	SHE0156.11	CON	9/9/2013	14/021,399	1/20/2015	8,937,180	ISSUED
MULTI-ARM POLYMERIC ALKANOATE CONJUGATES							
UNITED STATES	SHE0204.00	DCA	2/9/2011	13/058,320	1/28/2014	8,637,466	ISSUED
UNITED STATES	SHE0204.10	CON	12/20/2013	14/137,090	2/24/2015	8,962,566	ISSUED
UNITED STATES	SHE0204.11	CON	1/7/2015	14/591,601			PENDING
MULTIARM POLYMERIC PRODRUG CONJUGATES OF CABAZITAXEL-BASED COMPOUNDS							
UNITED STATES	SHE0323.00	DCA	6/19/2013	13/995,902			PENDING
MULTI-ARM POLYMERIC PRODRUG CONJUGATES OF PEMETREXED-BASED COMPOUNDS							
UNITED STATES	SHE0361.00	DCA	9/6/2013	13/995,415			PENDING
MULTI-ARM PRODRUG CONJUGATES OF TAXANE-BASED COMPOUNDS							
UNITED STATES	SHE0349.00	DCA	6/18/2013	13/995,287			PENDING
MULTI-ARMED, MONOFUNCTIONAL, AND HYDROLYTICALLY STABLE DERIVATIVES OF POLY(ETHYLENE GLYCOL) AND RELATED POLYMERS FOR MODIFICATION OF SURFACES AND MOLECULES							
UNITED STATES	SHE0010.20	CIP	5/17/1995	08/443,383	8/3/1999	5,932,462	ISSUED
NEGATIVELY BIASED SEALED NEBULIZERS SYSTEMS AND METHODS							
UNITED STATES	0338.00	DCA	1/17/2012	13/384,575	7/21/2015	9,084,862	ISSUED
UNITED STATES	0338.10	CON	6/17/2015	14/742,464			PENDING
N-MALEIMIDYL POLYMER DERIVATIVES							
UNITED STATES	SHE0042.00	FCA	2/21/2001	09/790,250	8/5/2003	6,602,498	ISSUED
UNITED STATES	SHE0042.10	CON	4/7/2003	10/408,834	6/28/2005	6,911,197	ISSUED
UNITED STATES	SHE0042.11	CON	5/20/2005	11/134,076	6/4/2013	8,454,946	ISSUED
UNITED STATES	SHE0042.12	CON	5/9/2013	13/890,799	7/1/2014	8,765,111	ISSUED
UNITED STATES	SHE0042.13	CON	5/21/2014	14/283,788	3/31/2015	8,992,902	ISSUED
UNITED STATES	SHE0042.14	CON	2/20/2015	14/627,917			PENDING

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NON-RING HYDROXY SUBSTITUTED TAXANES AND METHODS FOR SYNTHESIZING THE SAME							
UNITES STATES	SHE0327.00	DCA	10/17/2013	13/995,445			PENDING
N-OPTIONALLY SUBSTITUTED ARYL-2-OLIGOMER-3-ALKOXYPROPIONAMIDES							
UNITED STATES	SHE0328.00	DCA	4/15/2013	13/879,603			PENDING
NOVEL REAGENTS							
UNITED STATES	SHE0186.00	DCA	12/6/2010	12/921,778	8/4/2015	9,095,620	ISSUED
OLIGOMER CONJUGATES OF HETEROPENTACYCLIC NUCLEOSIDES							
UNITED STATES	SHE0161.00	DCA	10/27/2010	12/918,780	6/18/2013	8,466,276	ISSUED
UNITED STATES	SHE0161.10	CON	5/17/2013	13/897,116	7/15/2014	8,778,898	ISSUED
UNITED STATES	SHE0161.11	CON	6/6/2014	14/298,580			PENDING
OLIGOMER CONJUGATES OF HYDROXYLATED TRICYCLICS							
UNITED STATES	SHE0302.00	DCA	6/7/2013	13/992,587	7/28/2015	9,090,535	ISSUED
OLIGOMER CONJUGATES OF LIDOCAINE AND ITS DERIVATIVES							
UNITED STATES	SHE0180.00	DCA	6/18/2010	12/682,778			PENDING
OLIGOMER-AMINO ACID CONJUGATES							
UNITED STATES	SHE0229.00	DCA	11/4/2011	13/203,066			PENDING
OLIGOMER-ANTICHOLINERGIC AGENT CONJUGATES							
UNITED STATES	SHE0171.00	DCA	2/17/2010	12/530,424	3/5/2013	8,389,759	ISSUED
UNITED STATES	SHE0171.10	CON	2/1/2013	13/757,219			PENDING
OLIGOMER-ANTI-HISTAMINE CONJUGATES							
UNITED STATES	SHE0149.11	CON	3/6/2015	14/640,982			PENDING
OLIGOMER-ARYLOXY-SUBSTITUTED PROPANAMINE CONJUGATES							
UNITED STATES	SHE0189.00	DCA	12/6/2010	12/936,894			PENDING
OLIGOMER-BIS-CHROMONYL COMPOUND CONJUGATES							
UNITED STATES	SHE0190.00	DCA	1/25/2011	12/989,074	8/4/2015	9,095,621	ISSUED
UNITED STATES	SHE0190.10	CON	2/20/2015	14/627,370			PENDING
OLIGOMER-CALCIMIMETIC CONJUGATES AND RELATED COMPOUNDS							
UNITED STATES	SHE0233.20	CIP	3/28/2012	13/433,100	5/13/2014	8,722,732	ISSUED
UNITED STATES	SHE0233.21	CON	3/24/2014	14/223,572			PENDING
OLIGOMER-CALCIUM CHANNEL BLOCKER CONJUGATES							
UNITED STATES	SHE0158.00	CEQ	1/5/2011	12/674,139	6/10/2014	8,748,648	ISSUED
UNITED STATES	SHE0158.10	CEQ	4/30/2014	14/266,317	9/15/2015	9,132,200	ISSUED
UNITED STATES	SHE0158.11	CEQ	8/6/2015	14/820,210			PENDING
OLIGOMER-CANNABINOID CONJUGATES							
UNITED STATES	SHE0184.00	DCA	7/29/2010	12/865,372	9/9/2014	8,829,043	ISSUED
UNITED STATES	SHE0184.10	CON	7/22/2014	14/338,111			

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OLIGOMER-CONTAINING HYDANTOIN COMPOUNDS							
UNITES STATES	SHE0329.00	DCA	10/25/2013	13/994,606			PENDING
OLIGOMER-CORTICOSTEROID CONJUGATES							
UNITED STATES	SHE0150.00	DCA	6/18/2010	12/680,877	8/5/2014	8,796,248	ISSUED
UNITES STATES	SHE0150.10	CON	6/26/2014	14/315,998			PENDING
OLIGOMER-DANTROLENE CONJUGATES AND RELATED COMPOUNDS							
UNITED STATES	SHE0183.00	DCA	7/29/2010	12/742,432	9/17/2013	8,536,213	ISSUED
UNITED STATES	SHE0183.10	CON	8/20/2013	13/971,391			PENDING
OLIGOMER-DIAROMATIC SUBSTITUTED CONJUGATES							
UNITES STATES	SHE0285.00	DCA	10/25/2012	13/580,580			PENDING
OLIGOMER-FOSCARNET CONJUGATES							
UNITED STATES	SHE0151.00	DCA	12/6/2010	12/921,697	4/14/2015	9,006,219	ISSUED
UNITED STATES	SHE0151.10	CON	3/6/2015	14/640,686			PENDING
OLIGOMER-NITROGENOUS BASE CONJUGATES							
UNITED STATES	SHE0188.00	DCA	11/19/2010	12/934,610			PENDING
OLIGOMER-NITROIMIDAZOLE ANTI-INFECTIVE CONJUGATES							
UNITED STATES	SHE0164.00	CEQ	4/23/2010	12/739,605	10/7/2014	8,853,247	ISSUED
UNITES STATES	SHE0164.10	CON	9/4/2014	14/477,606			PENDING
OLIGOMER-NUCLEOSIDE PHOSPHATE CONJUGATES							
UNITED STATES	SHE0147.00	DCA	5/21/2010	12/676,128	6/3/2014	8,741,858	ISSUED
UNITES STATES	SHE0147.10	CON	4/23/2014	14/259,526			PENDING
OLIGOMER-OPIOID AGONIST CONJUGATES							
UNITED STATES	SHE0162.00.2	CEQ	4/4/2012	13/386,327	11/5/2013	8,575,196	ISSUED
UNITED STATES	SHE0162.00.3	CON	9/20/2013	14/032,648	2/10/2015	8,952,032	ISSUED
UNITED STATES	SHE0162.00.4	CON	12/23/2014	14/581,832			PENDING
UNITED STATES	SHE0162.20	CIP	9/11/2009	12/558,395	5/8/2012	8,173,666	ISSUED
UNITED STATES	SHE0162.21	CON	3/21/2012	13/426,521	5/14/2013	8,440,687	ISSUED
UNITED STATES	SHE0162.22	CON	6/29/2012	13/538,540	10/29/2013	8,569,343	ISSUED
UNITED STATES	SHE0162.23	CON	9/20/2013	14/032,780	2/3/2015	8,946,285	ISSUED
UNITED STATES	SHE0162.24	CON	12/23/2014	14/581,721			PENDING
OLIGOMER-OPIOID DIARYLPIPERAZINE CONJUGATES							
UNITED STATES	SHE0163.00	DCA	9/16/2011	12/864,481	4/1/2014	8,685,979	ISSUED
UNITED STATES	SHE0163.10	CON	2/7/2014	14/175,410	6/23/2015	9,061,026	ISSUED
UNITED STATES	SHE0163.11	CON	6/3/2015	14/729,578			PENDING
OLIGOMER-PHENOTHIAZINE CONJUGATES							
UNITED STATES	SHE0225.00	DCA	11/3/2011	13/146,612			PENDING
OLIGOMER-PROTEASE INHIBITOR CONJUGATES							
UNITED STATES	SHE0216.00	DCA	4/27/2011	13/119,107			PENDING

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OLIGOMER-PROTEIN TYROSINE KINASE INHIBITOR CONJUGATES							
UNITED STATES	SHE0239.00	DCA	12/7/2011	13/264,584	8/26/2014	8,816,077	ISSUED
UNITED STATES	SHE0239.10	CON	7/21/2014	14/336,764	7/21/2015	9,084,828	ISSUED
OLIGOMER-PROTEIN TYROSINE KINASE INHIBITOR CONJUGATES							
UNITED STATES	SHE0231.00	FCA	12/7/2011	13/264,519	9/10/2013	8,350,492	ISSUED
UNITES STATES	SHE0231.10	CON	8/9/2013	13/963,562	12/30/2014	8,921,371	ISSUED
UNITES STATES	SHE0231.11	CON	11/19/2014	14/547,633	8/4/2015	9,095,622	ISSUED
OLIGOMER-SUBSTITUTED AROMATIC TRIAZINE CONJUGATES							
UNITED STATES	SHE0242.00	DCA	11/10/2011	13/319,824	7/8/2014	8,772,479	ISSUED
UNITED STATES	SHE0242.10	CON	5/20/2014	14/282,732	11/25/2014	8,895,553	ISSUED
UNITED STATES	SHE0242.11	CON	10/30/2014	14/528,444			PENDING
OLIGOMER-TRICYCLIC CONJUGATES							
UNITED STATES	SHE0181.00	DCA	7/29/2010	12/744,467	10/29/2013	8,569,380	ISSUED
UNITED STATES	SHE0181.10	CON	9/6/2013	14/020,196			PENDING
OLIMOMER-PYRROLIDINE CONJUGATES							
UNITED STATES	SHE0243.00	DCA	11/10/2011	13/319,924	7/22/2014	8,785,661	ISSUED
UNITED STATES	SHE0243.10	CON	6/5/2014	14/297,149	8/4/2015	9,096,517	ISSUED
UNITED STATES	SHE0243.11	CON	6/26/2015	14/751,925			PENDING
ORAL ADMINISTRATION OF PERIPHERALLY-ACTING OPIOID ANTAGONISTS							
UNITED STATES	0126.00 TP	CEQ	7/17/2002	10/197,689	8/8/2006	7,087,197	ISSUED
PARTICLE FORMATION METHOD AND THEIR PRODUCTS [SEDS XIV]							
UNITED STATES	0114.00	CEQ	11/1/2001	10/004,522	10/3/2006	7,115,280	ISSUED
UNITED STATES	0114.10	CON	7/17/2006	11/458,008	9/1/2015	9,120,031	ISSUED
UNITED STATES	0114.11	CON	8/31/2015	14/841,325			PENDING
PARTICLES AND THEIR FORMATION (SEDS VI)							
UNITED STATES	0112.00	DCA	6/6/2002	10/030,392	3/1/2005	6,860,907	ISSUED
UNITED STATES	0112.10 TP	CON	12/7/2004	11/006,464	12/19/200	7,150,766	ISSUED
PARTICULATE MATERIALS (SEDS XVIII)							
UNITED STATES	0165.00 TP	CEQ	4/14/2003	10/413,457	9/1/2009	7,582,284	ISSUED
UNITED STATES	0165.10	CON	6/12/2009	12/483,378	12/20/201	8,080,236	ISSUED
UNITED STATES	0165.20	CON	11/11/201	13/294,881	6/25/2013	8,470,301	ISSUED
UNITED STATES	0165.21	CON	6/3/2013	13/908,540	9/9/2014	8,828,359	ISSUED
UNITED STATES	0165.22	CON	8/4/2014	14/451,201			PENDING
PARTICULATE MATERIALS (SEDS XX)							
UNITED STATES	0168.00	CEQ	4/24/2003	10/422,342	9/25/2012	8,273,330	ISSUED
PARTICULATE MATERIALS (SEDS XXV)							
UNITED STATES	0205.01	DCA	11/17/2004	10/514,895	4/8/2008	7,354,601	ISSUED

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PEGYLATED OPIOIDS WITH LOW POTENTIAL FOR ABUSE							
UNITED STATES	SHE0194.PRO	NEW	9/16/2008	61/192,247			PENDING
UNITED STATES	SHE0194.00	DCA	3/14/2011	13/063,919			PENDING
UNITED STATES	SHE0194.00.2	DCA	10/9/2012	13/521,56			PENDING
PHARMACOLOGICALLY ACTIVE POLYMER-G-CSF CONJUGATES							
UNITED STATES	SHE0345.PRO2	NEW	9/2/2011	61/530,860			PENDING
POLY(ETHYLENE GLYCOL) ALDEHYDE HYDRATES AND RELATED POLYMERS AND APPLICATIONS IN MODIFYING AMINES							
UNITED STATES	SHE0026.00	FCA	5/20/1998	09/082,063	11/29/199	5,990,237	ISSUED
POLY(ETHYLENE GLYCOL) AND RELATED POLYMERS MONOSUBSTITUTED WITH PROPIONIC OF BUTANOIC ACIDS AND FUNCTIONAL DERIVATIVES THEREOF FOR BIOTECHNICAL APPLICATIONS							
UNITED STATES	SHE0016.20	CIP	10/2/1995	08/642,231	9/30/1997	5,672,662	ISSUED
POLY(ETHYLENE GLYCOL) DERIVATIVES WITH PROXIMAL REACTIVE GROUPS							
UNITED STATES	SHE0030.00	FCA	3/11/1999	09/265,989	3/26/2002	6,362,254	ISSUED
UNITED STATES	SHE0030.10	DIV	11/5/2001	09/993,088	4/1/2003	6,541,543	ISSUED
UNITED STATES	SHE0030.11	DIV	11/5/2001	09/992,129	8/20/2002	6,437,025	ISSUED
UNITED STATES	SHE0030.12	DIV	11/5/2001	09/992,102	12/16/200	6,664,331	ISSUED
UNITED STATES	SHE0030.13	CON	9/23/2003	10/668,456	4/18/2006	7,030,278	ISSUED
UNITED STATES	SHE0030.14	CON	12/21/200	11/314,912	5/29/2007	7,223,803	ISSUED
UNITED STATES	SHE0030.15	CON	4/30/2007	11/799,259	5/5/2009	7,528,202	ISSUED
UNITED STATES	SHE0030.16	CON	3/24/2009	12/410,438	5/11/2010	7,714,088	ISSUED
UNITED STATES	SHE0030.17	CON	3/29/2010	12/749,399	8/23/2011	8,003,742	ISSUED
POLYMER BASED COMPOSITIONS AND CONJUGATES OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS							
UNITED STATES	SHE0107.00	FCA	6/15/2006	11/454,998	5/20/2014	8,728,493	ISSUED
UNITED STATES	SHE0107.10	CON	3/28/2014	14/228,972			PENDING
POLYMER CONJUGATES OF NESIRITIDE PEPTIDES							
UNITED STATES	SHE0208.00	DCA	3/16/2011	13/119,215	5/28/2013	8,449,872	ISSUED
UNITED STATES	SHE0208.10	CON	3/5/2013	13/786,006			PENDING
POLYMER CONJUGATES OF OPIOID ANTAGONISTS							
UNITED STATES	SHE0057.00	FCA	10/18/2002	10/274,296	6/6/2006	7,056,500	ISSUED
UNITED STATES	SHE0057.10	CON	1/17/2006	11/332,964	2/16/2010	7,662,365	ISSUED
UNITED STATES	SHE0057.11	CON	10/6/2009	12/574,335	1/8/2013	8,349,307	ISSUED
POLYMER CONJUGATES OF PROTEGRIN PEPTIDES							
UNITED STATES	SHE0209.00	DCA	3/16/2011	13/119,216			PENDING
UNITED STATES	SHE0209.10	CON	8/5/2015	14/821,138			PENDING
POLYMER CONUGATES OF THERAPEUTIC PEPTIDES							
UNITED STATES	SHE0203.10	CON	3/26/2015	14/664,582			PENDING
CARBOHYDRATE-BASED DRUG DELIVERY POLYMERS AND CONJUGATES THEREOF							
UNITED STATES	SHE0224.00	DCA	3/16/2011	13/119,276	3/25/2014	8,680,263	ISSUED
UNITED STATES	SHE0224.10	CON	1/29/2014	14/167,271			PENDING

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POLYMER DERIVATIVES AND CONJUGATES THEREOF							
UNITED STATES	SHE0074.00	FCA	12/31/2003	10/751,009	4/24/2007	7,208,145	ISSUED
UNITED STATES	SHE0074.10	CON	3/6/2007	11/714,322	10/21/2014	8,865,149	ISSUED
POLYMER DERIVATIVES COMPRISING AN ACETAL OR KETAL BRANCHING POINT							
UNITED STATES	SHE0083.00	DCA	11/3/2006	11/579,465	10/22/2013	8,562,965	ISSUED
UNITED STATES	SHE0083.10	CON	10/3/2013	14/045,489			PENDING
POLYMER DERIVATIVES COMPRISING AN IMIDE BRANCHING POINT							
UNITED STATES	SHE0082.00	DCA	7/11/2007	11/579,475	7/21/2015	9,085,659	ISSUED
POLYMER REAGENTS, METHODS OF PREPARING THEREOF, AND CONJUGATES AND PHARMACEUTICAL PREPARATIONS COMPRISING THEM							
UNITED STATES	SHE0071.00	FCA	5/21/2004	10/851,691	2/15/2011	7,887,789	ISSUED
UNITED STATES	SHE0071.20	CIP	3/23/2006	11/389,431	5/24/2011	7,947,261	ISSUED
UNITED STATES	SHE0071.21	CON	3/8/2011	13/043,438	1/21/2014	8,633,277	ISSUED
UNITED STATES	SHE0071.22	CON	12/20/2013	14/136,497	6/2/2015	9,044,516	ISSUED
UNITED STATES	SHE0071.23	CON	5/22/2015	14/720,213			PENDING
POLYMER STABILIZED NEUROPEPTIDES							
UNITED STATES	SHE0037.14	CON	8/25/2003	10/647,561	8/30/2011	8,008,435	ISSUED
UNITED STATES	SHE0037.15	CON	6/28/2011	13/170,760	5/14/2013	8,440,623	ISSUED
POLYMER-BASED COMPOSITIONS AND CONJUGATES HIV FUSION INHIBITORS							
UNITED STATES	SHE0102.00	FCA	3/15/2005	11/082,229			PENDING
POLYMER-BASED COMPOSITIONS AND CONJUGATES OF ANTIMICROBIAL AGENTS							
UNITED STATES	SHE0119.00	FCA	4/11/2006	11/402,641	9/25/2012	8,273,339	ISSUED
UNITED STATES	SHE0119.10	CON	8/23/2012	13/593,183	4/16/2013	8,420,068	ISSUED
UNITED STATES	SHE0119.11	CON	3/13/2013	13/800,138	1/28/2014	8,636,994	ISSUED
POLYMER-DES-ETHYL SUNITINIB CONJUGATES							
UNITED STATES	SHE0300.PRO	NEW	12/23/2010	61/426,893			PENDING
UNITED STATES	SHE0300.00	DCA	10/10/2013	13/995,819			PENDING
POLYMER-FACTOR IX MOIETY CONJUGATES							
UNITED STATES	SHE0097.00	FCA	6/30/2005	11/172,459	8/25/2009	7,579,444	ISSUED
UNITED STATES	SHE0097.12	CON	12/15/2009	12/638,811	11/19/2013	8,586,711	ISSUED
UNITED STATES	SHE0097.16	CON	11/8/2013	14/076,116			PENDING
POLYMER-FACTOR VIII MOIETY CONJUGATES							
UNITED STATES	SHE0081.00	FCA	2/26/2004	10/789,956	4/3/2007	7,199,223	ISSUED
UNITED STATES	SHE0081.10	CON	2/5/2007	11/702,302	12/28/2010	7,858,749	ISSUED
UNITED STATES	SHE0081.11	CON	6/6/2008	12/157,072	1/4/2011	7,863,421	ISSUED
UNITED STATES	SHE0081.12	CON	12/11/2009	12/636,469	3/13/2012	8,133,977	ISSUED
UNITED STATES	SHE0081.13	CON	12/11/2009	12/636,594	8/21/2012	8,247,536	ISSUED
UNITED STATES	SHE0081.14	CON	12/11/2009	12/636,635	3/27/2012	8,143,378	ISSUED
UNITED STATES	SHE0081.15	CON	3/27/2012	13/431,844	11/18/2014	8,889,831	ISSUED
UNITED STATES	SHE0081.16	CON	3/27/2012	13/431,862	12/31/2013	8,618,259	ISSUED

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UNITED STATES	SHE0081.17	CON	3/27/2012	13/431,872	8/27/2013	8,519,102	ISSUED
UNITED STATES	SHE0081.18	CON	10/17/2014	14/517,679			PENDING
POLYMERIC ALPHA-HYDROXY ALDEHYDE AND KETONE REAGENTS AND CONJUGATION METHOD							
UNITED STATES	SHE0112.00	DCA	3/11/2011	13/063,720	7/23/2013	8,492,503	ISSUED
UNITED STATES	SHE0112.10	CON	6/24/2013	13/925,074			PENDING
POLYMERIC REAGENTS COMPRISING A TERMINAL VINYLIC GROUP AND CONJUGATES FORMED THEREFROM							
UNITED STATES	SHE0144.00	DCA	10/16/2009	12/374,297	9/18/2012	8,268,948	ISSUED
UNITED STATES	SHE0144.10	CON	8/21/2012	13/590,693	12/9/2014	8,905,235	ISSUED
POLYMERS OF N-ACRYLOYLMORPHOLINE ACTIVATED AT ONE END AND CONJUGATES WITH BIOACTIVE MATERIALS AND SURFACES							
UNITED STATES	SHE0014.00	NEW	5/17/1994	08/243,869	5/13/1997	5,629,384	ISSUED
UNITED STATES	SHE0014.10	DIV	6/7/1995	08/475,177	5/20/1997	5,631,322	ISSUED
POLYMER-SEMAXANIB MOIETY CONJUGATES							
UNITED STATES	SHE0356.00	DCA	13/995,301				PENDING
POLYMER-SUNITINIB CONJUGATES							
UNITED STATES	SHE0301.00	DCA	8/27/2013	13/996,834			PENDING
PROTEASE INHIBITOR ADMINISTRATION LACKING CONCOMITANT ADMINISTRATION OF A CYP3A4 INHIBITOR							
UNITED STATES	SHE0215.PRO	NEW	9/17/2008	61/192,417			PENDING
UNITED STATES	SHE0215.00	DCA	4/27/2011	13/119,079			PENDING
SEGMENTED DEGRADABLE POLYMERS AND CONJUGATES MADE THEREFROM							
UNITED STATES	SHE0125.00	DCA	12/3/2008	12/224,201	11/13/2012	8,309,680	ISSUED
UNITED STATES	SHE0125.10	CON	11/12/2012	13/674,854	9/16/2014	8,835,599	ISSUED
CHEMICALLY MODIFIED SMALL MOLECULES							
UNITED STATES	SHE0078.00	FCA	12/16/2004	11/015,196	8/31/2010	7,786,133	ISSUED
UNITED STATES	SHE0078.11	CON	2/22/2010	12/710,167	11/29/2011	8,067,431	ISSUED
UNITED STATES	SHE0078.12	CON	6/24/2010	12/822,935	10/11/201	8,034,825	ISSUED
UNITED STATES	SHE0078.13	CON	10/11/2011	13/271,158			PENDING
UNITED STATES	SHE0078.14	CON	4/8/2014	14/248,245			
OLIGOMER-PROTEASE INHIBITOR CONJUGATES							
UNITED STATES	SHE0131.00	DCA	6/4/2010	12/530,363	12/3/2013	8,598,364	ISSUED
UNITED STATES	SHE0131.10	CON	10/16/2013	14/055,581	8/18/2015	9,107,956	ISSUED
SOLUBLE DEGRADABLE POLY(ETHYLENE GLYCOL) DERIVATIVES FOR SLOW RELEASE OF BOUND MOLECULES							
UNITED STATES	SHE0022.00	FCA	9/25/1997	08/937,846	4/10/2001	6,214,966	ISSUED
UNITED STATES	SHE0022.10	DIV	4/2/2001	09/824,297	2/4/2003	6,515,100	ISSUED
UNITED STATES	SHE0022.11	CON	12/12/2002	10/318,322	3/8/2005	6,864,350	ISSUED
UNITED STATES	SHE0022.13	CON	2/4/2005	11/051,728	2/2/2010	7,655,747	ISSUED
UNITED STATES	SHE0022.14	CON	3/30/2009	12/414,621	1/3/2012	8,088,365	ISSUED
UNITED STATES	SHE0022.15	CON	11/30/2011	13/308,361	3/26/2013	8,404,222	ISSUED

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STABILIZED POLYMERIC THIOL REAGENTS							
UNITED STATES	SHE0101.00	FCA	12/21/2005	11/316,051	12/14/2010	7,851,565	ISSUED
UNITED STATES	SHE0101.10	CON	11/10/2010	12/943,740	7/10/2012	8,217,123	ISSUED
UNITED STATES	SHE0101.11	CON	6/20/2012	13/528,103	7/23/2013	8,492,488	ISSUED
UNITED STATES	SHE0101.12	CON	6/19/2013	13/921,889	7/1/2014	8,765,883	ISSUED
UNITED STATES	SHE0101.13	CON	5/19/2014	14/281,411			PENDING
STEREOSELECTIVE REDUCTION OF A MORPHINONE							
UNITED STATES	SHE0117.00	DCA	2/25/2009	12/297,632	5/22/2012	8,183,376	ISSUED
UNITED STATES	SHE0117.10	CON	4/13/2012	13/447,131	10/22/2013	8,563,726	ISSUED
STERICALLY HINDERED POLY(ETHYLENE GLYCOL) ALKANOIC ACIDS AND DERIVATIVES THEREOF							
UNITED STATES	SHE0032.00	FCA	12/20/2000	09/741,933	12/17/200	6,495,659	ISSUED
UNITED STATES	SHE0032.10	DIV	10/30/2000	10/283,890	5/18/2004	6,737,505	ISSUED
UNITED STATES	SHE0032.11 CH	CON	3/30/2004	10/813,601	1/31/2006	6,992,168	ISSUED
UNITED STATES	SHE0032.12	CON	11/1/2005	11/264,546	4/17/2007	7,205,380	ISSUED
UNITED STATES	SHE0032.13	CON	3/9/2007	11/716,202	7/29/2008	7,405,266	ISSUED
UNITED STATES	SHE0032.14	CON	6/25/2008	12/215,086	3/9/2010	7,674,879	ISSUED
UNITED STATES	SHE0032.15	CON	1/19/2010	12/689,979	6/14/2011	7,960,502	ISSUED
UNITED STATES	SHE0032.16	CON	5/3/2011	13/099,965	5/22/2012	8,183,338	ISSUED
SYNTHESIS OF HIGH MOLECULAR WEIGHT POLYETHYLENE GLYCOL DERIVATIVES							
UNITED STATES	SHE0048.00	FCA	12/18/2001	10/024,357	8/10/2004	6,774,180	ISSUED
UNITED STATES	SHE0048.20	CIP	12/11/2001	10/734,858	5/30/2006	7,053,150	ISSUED
UNITED STATES	SHE0048.21	DIV	4/11/2006	11/402,350	11/16/201	7,834,138	ISSUED
UNITED STATES	SHE0048.22	CON	10/5/2010	12/898,687	12/27/201	8,084,572	ISSUED
UNITED STATES	SHE0048.23	CON	10/6/2011	13/267,619	2/26/2013	8,383,380	ISSUED
SYSTEMS AND METHODS FOR DRIVING SEALED NEBULIZERS							
UNITED STATES	0337.00	DCA	1/17/2012	13/384,579			PENDING
UNITED STATES	0337.20	CIP	9/4/2013	14/017,531			PENDING
UNITED STATES	0337.10	CON	9/1/2015	14/842,464			PENDING
THIOESTER POLYMER DERIVATIVES AND METHOD OF MODIFYING THE N-TERMINUS OF A POLYPEPTIDE THEREWITH							
UNITED STATES	SHE0054.00	NEW	10/9/2001	09/973,318	6/21/2005	6,908,963	ISSUED
UNITED STATES	SHE0054.20	CIP	10/9/2002	10/269,028	7/18/2006	7,078,496	ISSUED
UNITED STATES	SHE0054.21	DIV	2/13/2006	11/353,656	3/31/2009	7,511,095	ISSUED
UNITED STATES	SHE0054.22	CON	2/17/2009	12/372,727	11/16/201	7,834,088	ISSUED
UNITED STATES	SHE0054.23	CON	10/11/2010	12/902,072	12/6/2011	8,071,678	ISSUED
UNITED STATES	SHE0054.24	CON	10/26/2011	13/282,129	12/11/2012	8,329,876	PENDING
THIOL SELECTIVE WATER SOLUBLE POLYMER DERIVATIVES							
UNITED STATES	SHE0067.00	FCA	1/6/2004	10/753,047	3/22/2011	7,910,661	ISSUED
UNITED STATES	SHE0067.11	CON	11/19/2012	13/681,357	5/13/2014	8,722,032	ISSUED
UNITED STATES	SHE0067.12	CON	3/28/2014	14/229,547	5/26/2015	9,040,658	ISSUED
UNITED STATES	SHE0067.13	CON	4/23/2015	14/694,160			PENDING

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TREATMENT OF PULMONARY DISORDERS WITH AEROSOLIZED MEDICAMENTS SUCH AS VANCOMYCIN							
UNITED STATES	016770-008500US	NEW	9/25/2007	60/975,094			PENDING
UNITED STATES	016770-008500.00	DCA	7/29/2010	12/679,464			PENDING
VON WILLEBRAND FACTOR - AND FACTOR VIII-POLYMER CONJUGATES HAVING A DEGRADABLE LINKAGE							
UNITED STATES	SHE0170.00	FCA	12/27/2007	12/006,059	3/13/2012	8,133,865	ISSUED
UNITED STATES	SHE0170.10	CON	2/10/2012	13/371,275	1/8/2013	8,349,800	ISSUED
UNITED STATES	SHE0170.11	CON	9/14/2012	13/620,285			PUBLISHED
WATER SOLUBLE POLYMER CONJUGATES OF ARTELINIC ACID							
UNITED STATES	SHE0043.00	FCA	2/27/2001	09/794,731	10/8/2002	6,461,603	ISSUED
WATER-SOLUBLE POLYMER ALKANALS							
UNITED STATES	SHE0073.10	CON	3/13/2006	11/375,698	3/31/2009	7,511,094	ISSUED
UNITED STATES	SHE0073.11	CON	1/28/2009	12/361,427	11/23/201	7,838,595	ISSUED
UNITED STATES	SHE0073.12	CON	10/20/2010	12/908,266	12/13/201	8,076,412	ISSUED
UNITED STATES	SHE0073.13	CON	11/21/2011	13/301,715	10/7/2014	8,853,325	PENDING
WATER-SOLUBLE POLYMER CONJUGATES OF TOPOTECAN							
UNITED STATES	SHE0347.00	DCA	6/17/2013	13/995,063			PENDING
WATER-SOLUBLE POLYMER-LINKED BINDING MOIETY AND DRUG COMPOUNDS							
UNITED STATES	SHE0394.00	DCA	11/26/2013	14/122,384			PENDING
SELF SEALING T-PIECE AND VALVED T-PIECE							
UNITED STATES	016770-008000.US	DCA	2/14/2008	11/990,587			PENDING
SOLID FORMS OF OPIOID AGONISTS							
UNITED STATES	SHE0466.00	CEQ	4/29/2015	14/439,473			PENDING
OLIGOMER-CONTAINING BENZAMIDE-BASED COMPOUNDS							
UNITED STATES	SHE0338.00	DCA	3/17/2015	14/428,816			PENDING
METHOD FOR ASSESSING AND PREDICTING EFFICACY OF BREAST CANCER TREATMENT WITH A LONG-ACTING TOPOISOMERASE I INHIBITOR							
UNITED STATES	SHE0482.00	DCA	5/28/2015	14/648,042			PENDING
METHOD FOR PREDICTING AND EVALUATING RESPONSIVENESS TO CANCER TREATMENT WITH DNA-DAMAGING CHEMOTHERAPEUTIC AGENTS							
UNITED STATES	SHE0496.00	FCA	5/30/2014	14/292,613			PENDING
CONJUGATES OF AN IL-7 MOIETY AND A POLYMER							
UNITED STATES	SHE0517.PRO	NEW	3/11/2015	62/131,634			PENDING
COMPOUNDS							
UNITED STATES	SHE0333.PRO	NEW	5/8/2015	62/159,120			PENDING