504003384 09/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4050040

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RON L. HALE	07/25/2008
CRAIG C. HODGES	08/08/2008
PETER M. LLOYD	07/28/2008
AMY T. LU	07/25/2008
DANIEL J. MYERS	07/29/2008
JOSHUA D. RABINOWITZ	06/11/2008
MARTIN J. WENSLEY	07/28/2008
JEFFREY A. MCKINNEY	07/31/2008
ALEJANDRO C. ZAFFARONI	07/29/2008

RECEIVING PARTY DATA

Name:	ALEXZA PHARMACEUTICALS, INC.
Street Address:	2091 STIERLIN CT.
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15262954

CORRESPONDENCE DATA

Fax Number: (303)268-0066

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: 303-268-0066

Email: sharward@sbiplaw.com

Correspondent Name: SWANSON & BRATSCHUN, LLC Address Line 1: 8210 SOUTHPARK TERRACE LITTLETON, COLORADO 80120

ATTORNEY DOCKET NUMBER: 0208.00067.06CON

NAME OF SUBMITTER: KATHERINE LOBEL-RICE, REG. NO. 58,079

PATENT 504003384 REEL: 040019 FRAME: 0951

SIGNATURE:	/Katherine Lobel-Rice/
DATE SIGNED:	09/13/2016
Total Attachments: 21	
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PATENT REEL: 040019 FRAME: 0952

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled **Drug Condensation Aerosols and Kits** for which an application for United States Letters Patent was filed on May 8, 2008, as Application Serial No. 12/117,737, and

WHEREAS, Alexza Pharmaceuticals, Inc., a Delaware Corporation ("Assignee") having a place of business at 2091 Stierlin Ct., Mountain View, CA 94043, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date:	7-25-08		Alfale	
			Ron L. Hale	
		Address:	17085 Skyline Boulevard	
			Woodside, California 94062	

The foregoing instrument was acknowledged before me this 25 day of Juy, 20 by Ron L. Hale.

Witness my hand and official seal.

My commission expires: Ala. 9 311 Dullle M. Hamber



1 of 5

Craig C. Hodges 80 Terrace Road Walnut Creek, California 94596
S.
.
ore me this day of, 2008,
Notary Public
Peter M. Lloyd 30 Carisa Court Walnut Creek, California 94597
s.
ore me this $\frac{28}{2}$ day of $\frac{2008}{2}$, $\frac{2008}{2}$
Di elle M. Fauto Notary Public

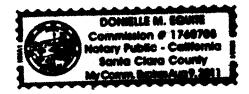
2 of 5

PATENT REEL: 040019 FRAME: 0954

Date: 67/25/2008 Address:	Amy T. Lu 1090 Valley View Court Los Altos, California 94024
STATE OF CALFOVNIA COUNTY OF Santa Clara; ss.	
The foregoing instrument was acknowledged beforeby Amy T. Lu .	e me this 25 day of July , 2008,
Witness my hand and official seal. My commission expires: 44, 2011	Notary Public Notary Public
DONNELLE M. EQUITE Commission # 1740706 Notary Public - California -Santa Clara County My Comm. Subst. Aug 7, 2011	
Date: 7-29-88 Address:	Daniel J. Myers 75 Eldora Drive Mountain View, CA 94041
STATE OF CALFOYNIA COUNTY OF Santo Clara ss.	or C
The foregoing instrument was acknowledged before by Daniel J. Myers .	e me this day of July, 2008,
Witness my hand and official seal. My commission expires: Hugg 2011	Notary Public Fourth
DONIELLE M. EQUITE Commission # 1740708 Notary Public - California Santa Clara County My Comm. Spires Aug 9, 2011	

Date:			
	Address:	Joshua D. Rabinowitz 17A Hulfish Street Princeton, New Jersey 08542	
STATE OF	the state of the s	·S.	
COUNTY OF			
The foregoing instrument was a by Joshua D. Rabinowitz .	acknowledged befo	ore me this day of	_, 2008,
Witness my hand and official so	eal.		
My commission expires: _		Notary Public	
Date: <u>7/28/08</u>	Address:	Mut Wesley Martin J. Wensley 205 Caldwell Avenue Los Gatos, California 95032	
STATE OF CALLS		s.	
COUNTY OF SAUTA	Mara)		
The foregoing instrument was a by Martin J. Wensley.	cknowledged befo	ore me this <u>A</u> day of <u>JUY</u>	_, 2008,
Witness my hand and official se My commission expires:	39,0011	Notary Public Notary Public	40
DONIELLE M. EQUITE Commission # 1760700 Notary Public - Californi			

Date:	
Address:	Jeffrey A. McKinney 809 Juno Lane Foster City, California 94404
STATE OF)	SS.
COUNTY OF	
The foregoing instrument was acknowledged beto by Jeffrey A. McKinney .	fore me this, 2008,
Witness my hand and official seal. My commission expires:	
	Notary Public
Date: 07/29/08 Address:	Alejandro C. Zaffaroni 1 Faxon Forest Atherton, California 94027
COUNTY OF SULTA CLARA	SS.
The foregoing instrument was acknowledged bef by Alejandro C. Zaffaroni .	fore me this $\frac{29}{2008}$ day of $\frac{3008}{2008}$, 2008,
Witness my hand and official seal. My commission expires:	Notary Public Notary Public
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ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled **Drug Condensation Aerosols and Kits** for which an application for United States Letters Patent was filed on **May 8, 2008**, as **Application Serial No. 12/117,737**, and

WHEREAS, Alexza Pharmaceuticals, Inc., a Delaware Corporation ("Assignee") having a place of business at 2091 Stierlin Ct., Mountain View, CA 94043, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date:		
Ad	ldress:	Ron L. Hale 17085 Skyline Boulevard Woodside, California 94062
STATE OF		ss.
COUNTY OF	´	.00.
The foregoing instrument was acknowle by Ron L. Hale.	dged bet	fore me this day of, 2008,
Witness my hand and official seal. My commission expires:		
		Notary Public

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Date: 8/08/08	Address:	Craig C. Hodges 80 Terrace Road Walnut Creek, California 94596	_ <
STATE OF)		
COUNTY OF	,		
The foregoing instrument was acknown by Craig C. Hodges.	wledged before	me this day of	_, 2008,
Witness my hand and official seal.			
My commission expires:		Notary Public	
SEE AT MORED FOR PROPER CALIFORNIA NOTARY ACKNOWLEDGEMENT			
Date:			
	Address:	Peter M. Lloyd 30 Carisa Court Walnut Creek, California 94597	
STATE OF			
COUNTY OF) ss.)		
The foregoing instrument was acknown by Peter M. Lloyd .	wledged before	me this day of	_, 2008,
Witness my hand and official seal. My commission expires:			
<u>-</u>		Notary Public	

Date:	
Address:	Amy T. Lu 1090 Valley View Court Los Altos, California 94024
STATE OF	SS.
COUNTY OF	
The foregoing instrument was acknowledged by Amy T. Lu .	pefore me this day of, 2008,
Witness my hand and official seal. My commission expires:	
	Notary Public
Date:	
Address:	Daniel J. Myers 75 Eldora Drive Mountain View, CA 94041
STATE OF	
COUNTY OF	SS.
The foregoing instrument was acknowledged by Daniel J. Myers .	pefore me this day of, 2008,
Witness my hand and official seal. My commission expires:	
	Notary Public

Date:			
	Address:	Joshua D. Rabinowitz 17A Hulfish Street Princeton, New Jersey 08542	
STATE OF		SS.	
COUNTY OF			
The foregoing instrument was acknowly Joshua D. Rabinowitz.	wledged be	fore me this day of	, 2008,
Witness my hand and official seal. My commission expires:			
		Notary Public	
Date:			
	Address:	Martin J. Wensley 205 Caldwell Avenue Los Gatos, California 95032	
STATE OF		og.	
COUNTY OF		SS.	
The foregoing instrument was acknown by Martin J. Wensley.	wledged be	fore me this day of	, 2008,
Witness my hand and official seal. My commission expires:			
_		Notary Public	

Date:			_
	Address:	Jeffrey A. McKinney 809 Juno Lane Foster City, California 94404	
STATE OF)	SS.	
COUNTY OF	<u>´</u>		
The foregoing instrument was acknown by Jeffrey A. McKinney .	wledged b	efore me this day of, 2	:008,
Witness my hand and official seal. My commission expires:			
		Notary Public	
Date:			-
	Address:	Alejandro C. Zaffaroni 1 Faxon Forest Atherton, California 94027	
STATE OF			
COUNTY OF)	SS.	
The foregoing instrument was acknown by Alejandro C. Zaffaroni .	wledged b	efore me this day of, 2	.008,
Witness my hand and official seal. My commission expires:			
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CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

STATE OF CALIFORNIA	
COUNTY OF Contra coste	
	Catherine Holley Vanables Name Name
PERSONALLY APPEARED CLAIR C.	thase
	,
Catherine Holley Venables COMM. NO. 1750141 DONARY PUBLIC - CALIFORNIA CONTRA CONTRA CONTRA	WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENC TO BE THE PERSON (S) WHOSE NAME (S) MARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE SHE/THEY EXECUTED THE SAME IN (13) HER/THEIL AUTHORIZED CAPACITY (153) AND THAT BY (13) HER/THEIL SIGNATURE (S) ON THE INSTRUMENT THE PERSON (S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON (S) ACTED EXECUTED THE INSTRUMENT.
CONTRA COSTA COUNTY My comm. expires June 10, 2011	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS MY HAND AND OFFICIAL SEAL.
	Signature of Notary
OPTION	NAL INFORMATION
The information below is not required by law, but it may	V prove to be important to persons while a set the d
	attachment of this form to some other document.
DESCRIPTION OF ATTACHED DOCUMENT ITTLE OR TYPE OF	
OCCUMENT:	:
ASSISMMENT	
OOCUMENT DATE:	NUMBER OF PAGES
SIGNER (S) OTHER THAN NAMED ABOVE:	
APACITY (IES) CLAIMED BY SIGNER (S)	
IGNER'S NAME:	SIGNER'S NAME:
INDIVIDUAL	
CORPORATE OFFICER	INDIVIDUAL CORPORATE OFFICER
TITLE (S):	
LIMITED GENERAL _ ATTORNEY-IN-FACT	PARTNERLIMITED GENERAL
TRUSTEE	ATTORNEY-IN-FACT TRUSTEE
GUARDIAN OR CONSERVATOR OTHER:	GUARDIAN OR CONSERVATOR OTHER:
SIGNER IS REPRESENTING:	
t _b	SIGNER IS REPRESENTING:

PATENT THUMBPRINT REEL: 040019 FRAME: 0963

RIGHT THUMBPRINT

OF SIGNER

A-24 HOUR NOTARY SERVICE - 2709 El Camino Av. Sacramonto CA 05004

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled **Drug Condensation Aerosols and Kits** for which an application for United States Letters Patent was filed on **May 8, 2008**, as **Application Serial No. 12/117,737**, and

WHEREAS, Alexza Pharmaceuticals, Inc., a Delaware Corporation ("Assignee") having a place of business at 2091 Stierlin Ct., Mountain View, CA 94043, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date:	
Address:	Ron L. Hale 17085 Skyline Boulevard Woodside, California 94062
STATE OF)	SS.
COUNTY OF)	55.
The foregoing instrument was acknowledged bef by Ron L. Hale.	Fore me this day of, 2008,
Witness my hand and official seal. My commission expires:	
	Notary Public

Date:			
	Address:	Craig C. Hodges 80 Terrace Road Walnut Creek, California 94596	
STATE OF		gg.	
COUNTY OF	,	SS.	
The foregoing instrument was acknown by Craig C. Hodges.	owledged bef	fore me this day of	_, 2008,
Witness my hand and official seal. My commission expires:	· · · · · · · · · · · · · · · · · · ·	Notary Public	
Date:			
	Address:	Peter M. Lloyd 30 Carisa Court Walnut Creek, California 94597	
STATE OF		SS.	
COUNTY OF		55.	
The foregoing instrument was acknown by Peter M. Lloyd .	owledged bet	fore me this day of	_, 2008,
Witness my hand and official seal. My commission expires:			
		Notary Public	

Date:			
	Address:	Amy T. Lu 1090 Valley View Court Los Altos, California 94024	
STATE OF)	SS.	
COUNTY OF			
The foregoing instrument was acknown by Amy T. Lu .	wledged be	efore me this day of	, 2008,
Witness my hand and official seal. My commission expires:			
		Notary Public	
.			
Date:	······································	Daniel J. Myers	
	Address:	75 Eldora Drive Mountain View, CA 94041	
STATE OF)		
COUNTY OF)	SS.	
The foregoing instrument was acknown by Daniel J. Myers .	wledged be	efore me this day of	, 2008,
Witness my hand and official seal. My commission expires:			
		Notary Public	_

Date: June 11, 2008 Address	Joshua D. Rabinowitz 17A Hulfish Street Princeton, New Jersey 08542
STATE OF NEW JEANY COUNTY OF MERCEN The foregoing instrument was acknowledged by Joshua D. Rabinowitz. Witness my hand and official seal. My commission expires:	Notary Public
	ROBERT J PHIPPS NOTARY PUBLIC STATE OF NEW JERSEY MY COMMISSION EXPIRES FEBRUARY 3, 2011
Date:Addres	Martin J. Wensley 205 Caldwell Avenue Los Gatos, California 95032
STATE OF	_)) ss. _)
The foregoing instrument was acknowledged by Martin J. Wensley.	d before me this day of, 2008,
Witness my hand and official seal. My commission expires:	Notary Public

Date:			
	Address:	Jeffrey A. McKinney 809 Juno Lane Foster City, California 94404	
STATE OF)	SS.	
COUNTY OF		551	
The foregoing instrument was acknowly Jeffrey A. McKinney .	wledged be	efore me this day of	_, 2008,
Witness my hand and official seal. My commission expires:			
		Notary Public	
Date:		Alejandro C. Zaffaroni	
	Address:	1 Faxon Forest Atherton, California 94027	
STATE OF)		
COUNTY OF)	SS.	
The foregoing instrument was acknown by Alejandro C. Zaffaroni.	wledged be	efore me this day of	_, 2008,
Witness my hand and official seal. My commission expires:			
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IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date:	
Address	Ron L. Hale s: 17085 Skyline Boulevard Woodside, California 94062
STATE OF	_)) ss.
COUNTY OF) 55.
The foregoing instrument was acknowledged by Ron L. Hale.	before me this, 2008
Witness my hand and official seal.	
My commission expires:	_
	Notary Public

Date:			
	Address:	Craig C. Hodges 80 Terrace Road Walnut Creek, California 94596	
STATE OF)	a.	
COUNTY OF		s.	
		ore me this day of	_, 2008,
Witness my hand and official seal. My commission expires:		Notary Public	
Date:			
· · · · · · · · · · · · · · · · · · ·	Address:	Peter M. Lloyd 30 Carisa Court Walnut Creek, California 94597	
STATE OF			
COUNTY OF) s	S.	
		ore me this day of	_, 2008,
Witness my hand and official seal. My commission expires:		Notes: Dublin	
		Notary Public	

Date:			····
	Address:	Amy T. Lu 1090 Valley View Court Los Altos, California 94024	
STATE OF)) ss	i.	
COUNTY OF)		
		re me this day of	, 2008,
Witness my hand and official seal. My commission expires:			
		Notary Public	
Date:		David I Maran	
	Address:	Daniel J. Myers 75 Eldora Drive Mountain View, CA 94041	
STATE OF)		
COUNTY OF)	•	
The foregoing instrument was acknowled Daniel J. Myers .	owledged befor	re me this day of	, 2008,
Witness my hand and official seal. My commission expires:			
		Notary Public	

Date:			
	Address:	Joshua D. Rabinowitz 17A Hulfish Street Princeton, New Jersey 08542	
STATE OF		o.	
COUNTY OF) s:)	S.	
The foregoing instrument was acknowly Joshua D. Rabinowitz.	owledged befo	ore me this day of	, 2008,
Witness my hand and official seal. My commission expires:			**************************************
		Notary Public	
Date:			
	Address:	Martin J. Wensley 205 Caldwell Avenue Los Gatos, California 95032	
STATE OF)	o.	
COUNTY OF		5.	
The foregoing instrument was acknowledge to the by Martin J. Wensley.	owledged befo	ore me this day of	, 2008,
Witness my hand and official seal. My commission expires:	· · · · · · · · · · · · · · · · · · ·		
		Notary Public	

Date: 7/31/2008	Address:	Jeffrey A. McKinney 809 Juno Lane Foster City, California 94404	7
STATE OF) ss	s.	
		re me this day of	, 2008,
Witness my hand and official seal. My commission expires:		Notary Public	
Date:	Address:	Alejandro C. Zaffaroni 1 Faxon Forest	
STATE OF)	Atherton, California 94027	
The foregoing instrument was acknown by Alejandro C. Zaffaroni.	owledged before	re me this day of	, 2008,
Witness my hand and official seal. My commission expires:		Notary Public	

5 of 5

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