

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Joshua D. Rabinowitz</td><td>09/11/2002</td></tr><tr><td>Alejandro C. Zaffaroni</td><td>08/23/2002</td></tr></tbody></table>	Name	Execution Date	Joshua D. Rabinowitz	09/11/2002	Alejandro C. Zaffaroni	08/23/2002	
Name	Execution Date						
Joshua D. Rabinowitz	09/11/2002						
Alejandro C. Zaffaroni	08/23/2002						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12057330</td></tr></tbody></table>	Property Type	Number	Application Number:	12057330			
Property Type	Number						
Application Number:	12057330						
CORRESPONDENCE DATA							
Fax Number:	(303)268-0065						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	00021.09CON						
NAME OF SUBMITTER:	Katherine Lobel-Rice						
Total Attachments: 1 source=Assignment_21.01R_#page1.tif							

CH 12057330 \$40.00

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Joshua D. RABINOWITZ and Alejandro C. ZAFFARONI (hereinafter referred to as the assignors), residing at 750 N. Shoreline Boulevard, #50, Mountain View, California 94043 and 1 Faxon Forest, Atherton, California 94027, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in DELIVERY OF DRUG ESTERS THROUGH AN INHALATION ROUTE, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/146,516 and filed on May 13, 2002; and

WHEREAS, ALEXZA Molecular Delivery Corporation, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 1001 East Meadow Circle, Palo Alto, California 94303 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.


AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

9/11/02
Date

8/23/02
Date


Joshua D. RABINOWITZ


Alejandro C. ZAFFARONI