

03/27/00

FORM PTO-1595
(Rev. 6/93)

04-21-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Attorney's Docket No. 000950-088

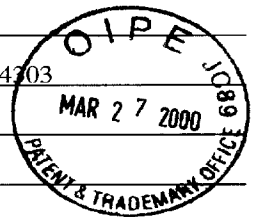
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Felix THEEUWES
Ben ECKENHOFF/Bonnie BURDETT
(Deceased) (Legal Representative)
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Alza Corporation

Address: 950 Page Mill Road
Palo Alto, California 94303

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name



Additional name(s) & address(es) attached? Yes No

Other: _____
Execution Date: March 9, 2000 and March 17, 2000

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
09/472,600
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Robert G. Mukai
Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR § 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account, if necessary

8. Deposit account number:
02-4800

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert G. Mukai, Registration No.: 28,531
Name of Person Signing

Robert G. Mukai
Signature

March 27, 2000
Date

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

04/20/2000 DNGUYEN 00000225 09472600
01 FC:581 (40.00 OP)

PATENT (09/99)
REEL: 010705 FRAME: 0959

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by FELIX THEEUWES, and BEN ECKENHOFF (DECEASED)/BONNIE BURDETT DENNIS (LEGAL REPRESENTATIVE), residing at 27350 ALTAMONT ROAD, LOS ALTOS HILLS, CALIFORNIA, 94022 and 1080 AUTUMN LANE, LOS ALTOS, CALIFORNIA, 94022 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in OSMOTIC DELIVERY SYSTEM HAVING SPACE EFFICIENT PISTON set forth in an application for Letters Patent of the United States,

- (1) which is a provisional application
- (a) to be filed herewith; or
- (b) bearing Application No. , and filed on ; or
- (2) which is a non-provisional application
- (a) having an oath or declaration executed on even date herewith prior to filing of application;
- (b) bearing Application No. 09/472,600, and filed on DECEMBER 27, 1999; or
- (c) to be filed; and

WHEREAS, ALZA CORPORATION , a corporation duly organized under and pursuant to the laws of DELAWARE and having its principal place of business at 950 PAGE MILL ROAD, 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, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, 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, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and 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 the Assignee, for its own use and behalf and the use and behalf 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, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the 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, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date March 9, '00 Signature of Assignor 
Felix THEEUWES

Date _____ Signature of Assignor _____
Ben ECKENHOFF (Deceased)
Bonnie Burdett DENNIS (Legal Representative)

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

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Date _____ Signature of Assignor _____

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(JOINT)

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 - (a) to be filed herewith; or
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- (2) which is a non-provisional application
 - (a) having an oath or declaration executed on even date herewith prior to filing of application;
 - (b) bearing Application No. 09/472,600, and filed on DECEMBER 27, 1999; or
 - (c) to be filed; and

WHEREAS, ALZA CORPORATION , a corporation duly organized under and pursuant to the laws of DELAWARE and having its principal place of business at 950 PAGE MILL ROAD, 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, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, 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, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and 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 the Assignee, for its own use and behalf and the use and behalf 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, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the 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, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date _____ Signature of Assignor _____
Felix THEEUWES

Date March 17, 2000 Signature of Assignor Bonnie B. Dennis
Ben ECKENHOFF (Deceased)
Bonnie Burdett DENNIS (Legal Representative)

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Clara

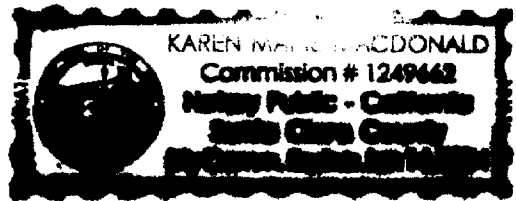
ss.

On 03/09/00, before me, Karen MacDonald, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Felix Threumles
Name of Signer

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Karen Marie MacDonald
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

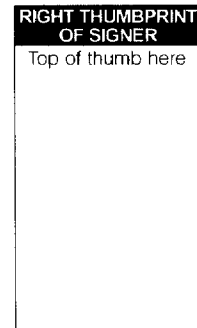
Title or Type of Document: Joint Patent Assignment Application # 09/472,600

Document Date: 3/8/00 (cover letter) Number of Pages: 2 of 6

Signer(s) Other Than Named Above: Bonnie Burnett Dennis

Capacity(ies) Claimed by Signer

- Signer's Name: Felix Threumles
- Individual
 - Corporate Officer — Title(s): _____
 - Partner — Limited General
 - Attorney in Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____



Signer Is Representing: _____