

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Peter Koltay	08/06/2007
Christian Litterst	09/05/2007
Steffen Eccarius	08/12/2007
RECEIVING PARTY DATA	
Name:	Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V.
Street Address:	Hananastrasse 37c
City:	Munchen
State/Country:	GERMANY
Postal Code:	80686
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11883259
CORRESPONDENCE DATA	
Fax Number:	(616)975-5505
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	616-975-5500
Email:	kendall@vglb.com
Correspondent Name:	Matthew D. Kendall
Address Line 1:	2851 Charlevoix Drive, S.E., P.O. Box 88
Address Line 4:	Grand Rapids, MICHIGAN 49588-8695
ATTORNEY DOCKET NUMBER:	PFE01 P-100
NAME OF SUBMITTER:	Matthew D. Kendall

CH \$40.00 11883259

Total Attachments: 7
 source=RecordationCoverSheetAssignments#page1.tif
 source=RecordationCoverSheetAssignments#page2.tif

source=RecordationCoverSheetAssignments#page3.tif
source=RecordationCoverSheetAssignments#page4.tif
source=RecordationCoverSheetAssignments#page5.tif
source=RecordationCoverSheetAssignments#page6.tif
source=RecordationCoverSheetAssignments#page7.tif

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Peter Koltay
Christian Litterst
Steffen Eccarius

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

Internal Address: _____

Street Address: Hananastrasse 37 c

City: München

State: _____

Country: Germany Zip: 80686

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 6, 2007; September 5, 2007; August 12, 2007

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/883,259

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Matthew D. Kendall

Internal Address: _____

Van Dyke, Gardner, Linn & Burkhardt, LLP

Street Address: 2851 Charlevoix Drive, S.E., Suite 207

P.O. Box 888695

City: Grand Rapids

State: MI Zip: 49588-8695

Phone Number: (616) 988-4123

Fax Number: (616) 975-5505

Email Address: kendall@vglb.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

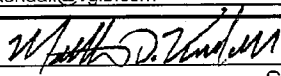
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 220190

Authorized User Name Matthew D. Kendall

9. Signature:



Signature

November 6, 2007

Date

Matthew D. Kendall
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

ASSIGNMENT

WHEREAS, Peter Koltay; Christian Litterst; and Steffen Eccarius residing at Benzhauser Strasse 5, 79232 Holzhausen, Germany; Gutleutstrasse 3, 79115 Freiburg, Germany; and Lehener Strasse 156, 79106 Freiburg, Germany, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in DEVICE COMPRISING A CHANNEL CONDUCTING A MEDIUM AND METHOD FOR REMOVING INCLUSIONS for which an application for United States Letters Patent was executed on even date(s) herewith.

WHEREAS, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., a corporation organized and existing under the laws of Germany, having a place of business at Hansastrasse 27 c, 80686 München, GERMANY, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable considerations, Assignors hereby sell, assign and transfer unto said Assignee the full and exclusive right, title and interest to the said invention in the United States and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, continuation-in-part, and extensions thereof including the full right to claim for any such applications the benefits of the International Convention.

Assignors hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the owner of the entire right, title and interest in and to the same, for the sole use and behoof of said Assignee, its successors and assigns.

FURTHER, Assignors agree to communicate to said Assignee or its representatives any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our signatures on the dates appearing next to them.

Witness:

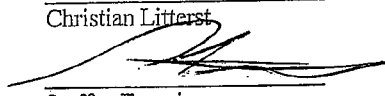
Inventors:

Date:

Peter Koltay

Christian Litterst







Steffen Eccarius

ASSIGNMENT

WHEREAS, Peter Koltay; Christian Litterst; and Steffen Eccarius residing at Benzhauser Strasse 5, 79232 Holzhausen, Germany; Gutleutstrasse 3, 79115 Freiburg, Germany; and Lehener Strasse 156, 79106 Freiburg, Germany, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in DEVICE COMPRISING A CHANNEL CONDUCTING A MEDIUM AND METHOD FOR REMOVING INCLUSIONS for which an application for United States Letters Patent was executed on even date(s) herewith.

WHEREAS, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., a corporation organized and existing under the laws of Germany, having a place of business at Hansastrasse 27 c, 80686 München, GERMANY, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable considerations, Assignors hereby sell, assign and transfer unto said Assignee the full and exclusive right, title and interest to the said invention in the United States and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, continuation-in-part, and extensions thereof including the full right to claim for any such applications the benefits of the International Convention.

Assignors hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the owner of the entire right, title and interest in and to the same, for the sole use and behoof of said Assignee, its successors and assigns.

FURTHER, Assignors agree to communicate to said Assignee or its representatives any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our signatures on the dates appearing next to them.

Witness:

W. S.

Inventors:

Peter Koltay

Peter Koltay

Date:

5.09.07

Christian Litterst

Steffen Eccarius

ASSIGNMENT

WHEREAS, Peter Koltay; Christian Litterst; and Steffen Eccarius residing at Benzhauser Strasse 5, 79232 Holzhausen, Germany; Gutleutstrasse 3, 79115 Freiburg, Germany; and Lehener Strasse 156, 79106 Freiburg, Germany, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in DEVICE COMPRISING A CHANNEL CONDUCTING A MEDIUM AND METHOD FOR REMOVING INCLUSIONS for which an application for United States Letters Patent was executed on even date(s) herewith.

WHEREAS, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., a corporation organized and existing under the laws of Germany, having a place of business at Hansastrasse 27 c, 80686 München, GERMANY, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable considerations, Assignors hereby sell, assign and transfer unto said Assignee the full and exclusive right, title and interest to the said invention in the United States and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, continuation-in-part, and extensions thereof including the full right to claim for any such applications the benefits of the International Convention.

Assignors hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the owner of the entire right, title and interest in and to the same, for the sole use and behoof of said Assignee, its successors and assigns.

FURTHER, Assignors agree to communicate to said Assignee or its representatives any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our signatures on the dates appearing next to them.

Witness:

Inventors:

Date:

Peter Koltay
Christian Litterst

Christian Litterst

Steffen Eccarius

12. Aug. 2007
