

04-10-2002



To the Honorable Commissioner

and original documents or copy thereof.

1. Name of Conveying party(ies):
BOEHM, Alexander
KORHAMMER, Clemens
SCHOLL, Roland
VOIGTSBERGER, Bärbel
SCHNEIDER, Lothar
STEPHANI, Günther



102050007

receiving party(ies)

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

Internal Address:

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

Street Address: Leonrodstrasse 54, D-80636 München, Germany

3. Nature of conveyance:

4.4.02

- X Assignment Merger
- Security Agreement Change of Name
- Other

City: State: ZIP

Execution Date: November 27, 28, 27, December 6,
November 27, and 27, 2000.

Additional name(s) and address(es) attached? X Yes No

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)
09/673,737

B. Patent No.(s)

Additional numbers attached: Yes X No

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

Name: Neil F. Greenblum
Internal Address: P20110

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

X Enclosed

Authorized to be charged to deposit account

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

City: Reston State: VA ZIP: 20191

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.

Neil F. Greenblum, Reg. No. 28,394
Name of Person Signing

Signature

April 4, 2002
Date

Total number of pages including cover sheet, attachments and document: 11

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

04/09/2002 AAHM:BI 00000071 09673737

01 FD-581

40.00 02

LISTING OF ADDITIONAL RECEIVING PARTY

Name : Nabertherm GmbH & Co. Industrieofenbau KG

Street address : Bahnhofstrasse 20, 28865 Lilienthal/Bremen, Germany

P20110.AS2

ASSIGNMENT

WHEREAS, **Alexander BOEHM**, a citizen of Germany, whose post office address is Klopstockstrasse 48, 01157 Dresden, Germany, **Clemens KORHAMMER**, a citizen of Germany, whose post office address is ~~Buntentorsteinweg 550, 28201 Bremen~~, Germany, **Roland SCHOLL**, a citizen of Germany, whose post office address is Klopstockstrasse 58, 01157 Dresden, Germany, **Bärbel VOIGTSBERGER**, a citizen of Germany, whose post office address is Forststrasse 8, 07639 Bad Klosterlausnitz, Germany, **Lothar SCHNEIDER**, a citizen of Germany, whose post office address is Serkowitz Strasse 6 E, 01640 Coswig, Germany, and **Günther STEPHANI**, a citizen of Germany, whose post office address is Sonnenblick 7, 01454 Grosserkmannsdorf, Germany hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to *Vahrer Strasse 83, 28309 Bremen*

**THERMAL INSULATION TO BE INSERTED
BETWEEN TWO INSULATING STRUCTURES**

for which they have executed an application for Letters Patent for the United States, which is a U.S. National Stage of International Application No. **PCT/DE99/01186**, filed **April 20, 1999**.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 09/673,737, filed **October 20, 2000**) the filing date and application number of said application when known.

AND WHEREAS, **Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.**, a corporation organized and existing under the laws of Germany, whose post-office address is Leonrodstrasse 54, D-80636 München, Germany (hereinafter known as ASSIGNEE FRAUNHOFER) and **Nabertherm GmbH & Co. Industrieofenbau KG**, a corporation organized and existing under the laws of Germany, whose post-office address is Bahnhofstrasse 20, 28865 Lilienthal/Bremen, Germany, (hereinafter known as ASSIGNEE NABERTHERM), hereinafter collectively known as ASSIGNEES, are desirous of becoming joint owners, in the percentages set forth below, of the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof;

AND FURTHER WHEREAS, ASSIGNEE FRAUNHOFER is desirous of acquiring 70% of the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof;

P20110.AS2

AND FURTHER WHEREAS, ASSIGNEE NABERTHERM is desirous of acquiring 30% of the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to ASSIGNEE FRAUNHOFER, its assigns and legal representatives, joint ownership including 70% of the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, and hereby assign, sell and transfer to ASSIGNEE NABERTHERM, its assigns and legal representatives, joint ownership including 30% of the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEES and their assigns and legal representatives to have, hold, exercise and enjoy such joint ownership in accordance with the percentages granted herein of said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit, in accordance with the percentages granted herein, of ASSIGNEES as joint owners and their assigns and legal representatives.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign a 70% interest in the same to ASSIGNEE FRAUNHOFER and a 30% interest in the same to ASSIGNEE NABERTHERM, or any assignee acquiring all or part of the title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, their assigns and legal representatives, as joint owners, in accordance herewith.

P20110.AS2

IN TESTIMONY WHEREOF, this assignment is executed by **Clemens KORHAMMER**,
this 28 day of november 2000, at (address) Bremen, Vahrer Strasse 83

First Witness:

(Name)

(Date)



Clemens KORHAMMER

Second Witness:

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by **Roland SCHOLL**,
this _____ day of _____ 2000, at (address) _____

First Witness:

(Name)

(Date)

Roland SCHOLL

Second Witness:

(Name)

(Date)

P20110.AS2

ASSIGNMENT

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AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign a 70% interest in the same to ASSIGNEE FRAUNHOFER and a 30% interest in the same to ASSIGNEE NABERTHERM, or any assignee acquiring all or part of the title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, their assigns and legal representatives, as joint owners, in accordance herewith.

P20110.AS2

IN TESTIMONY WHEREOF, this assignment is executed by **Alexander BOEHM**,
this 27 day of November 2000, at (address) Zuh IFAM Dresden

First Witness:

[Signature]
(Name) (Gerd Lotze)

27.11.2000
(Date)

[Signature]
Alexander BOEHM

Second Witness:

[Signature]
(Name) (Yvonne Landgraf)

27.11.2000
(Date)

P20110.AS2

IN TESTIMONY WHEREOF, this assignment is executed by **Clemens KORHAMMER**,
this _____ day of _____ 2000, at (address) _____

First Witness:

(Name)

(Date)

Clemens KORHAMMER

Second Witness:

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by **Roland SCHOLL**,
this 27 day of November 2000, at (address) Frauhofe -11-AM, Dresden, W. S. Ludwigstr. 14/16

First Witness:

G. Lotze
(Name) (Gerd Lotze)

27.11.2000
(Date)

R. Scholl
Roland SCHOLL

Second Witness:

P. Voigt
(Name) (Yvonne Landgraf)

27.11.2000
(Date)

P20110.AS2

IN TESTIMONY WHEREOF, this assignment is executed by **Bärbel VOIGTSBERGER**,
this 06 day of deceMBER 2000, at (address) Hausstraße 17, 07629 Hausdorf

First Witness:

[Signature]
(Name)

06.12.2000
(Date)

[Signature]
Bärbel VOIGTSBERGER

Second Witness:

[Signature]
(Name)

06.12.00
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by **Lothar SCHNEIDER**,
this 27 day of November 2000, at (address) Frankehof - IFAM, Dresden, Wilm-Lubwig-Str. 28

First Witness:

[Signature]
(Name) (Gerd Lotze)

27.11.00
(Date)

[Signature]
Lothar SCHNEIDER

Second Witness:

[Signature]
(Name) (Günther Landgraf)

27.11.2000
(Date)

P20110.AS2

IN TESTIMONY WHEREOF, this assignment is executed by **Günther STEPHANI**,
this 27. day of November 2000, at (address) Fraunhofer-Verkehr, Dresden, Wilschbergstraße
_____ 28

First Witness:

[Signature]

(Name) (Wend Lotze)

27.11.00

(Date)

[Signature]

Günther STEPHANI

Second Witness:

[Signature]

(Name) (Yvonne Landrock)

27.11.2000

(Date)