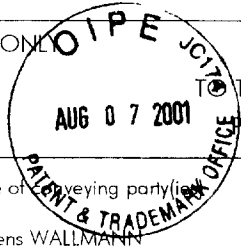


08-14-2001



EMARKS
areof

101811160

1. Name of conveying party(ies)
Clemens WALLMANN
Additional name(s) of conveying party(ies) attached? Yes No

88/07/01

Name: BLZ Bayerisches Laserzentrum gemeinnützige
Forschungsgesellschaft mbH
Address: Schallershofer Strasse 108
D-91056 Erlangen
Federal Republic of Germany
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Change of Name Other
 Security Agreement Merger
Execution Date: 03-24-1999

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: _____ Date
A. Patent Application No(s). 09/284,077
B. Patent No(s).
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
BROWDY AND NEIMARK, P.L.L.C.
624 Ninth Street, N.W.
Suite 300
Washington, D.C. 20001-5303

6. Number of applications and patents involved: (1)
7. Amount of fee enclosed or authorized to be charged: \$40.00
8. PTO Form-2038 in the amount of \$40.00 is attached.

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.
Sheridan Neimark (Reg. No. 20,520)
Name of Person Signing
Signature
Date 8.7.01

ASSIGNMENT

- (1) Clemens WALLMANN
 (2) _____
 (3) _____
 (4) _____
 (5) _____

(1-5) Insert Name(s) of Inventor(s).

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(6) Insert name of Assignee

- (6) BLZ Bayerisches Laserzentrum gemeinnützige Forschungsgesellschaft mbH, Schallershofer Strasse 108, D-91056 Erlangen
 (7) Federal Republic of Germany

(7) Insert address of Assignee

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(8) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

- (8) METHOD AND APPARATUS FOR THE MANUFACTURE OF A CUTTING TOOL
German Appln. filed October 5, 1996 Foreign 19536885.1
Application or
Case No.

for which the undersigned has (have) executed an application for patent in the United States of America

(9) Insert Date of Signing of Application

- (9) on March 24/28, 1999

(10) Alternative identification for filed applications

- (10) U.S. application Serial Number _____, filed _____

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.


4) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

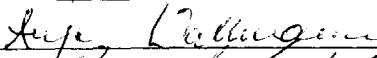

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of Browdy and Neimark the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

- (1) Date 24.3.99 Name of Inventor 
 (Clemens WALLMANN)
 (2) Date _____ Name of Inventor _____
 (3) Date _____ Name of Inventor _____
 (4) Date _____ Name of Inventor _____
 (5) Date _____ Name of Inventor _____

- Date 28.3.88 Witness 
 Date 28.03.99 Witness 

Anja WALLMANN; Am Röthelheim 57, D-91056 Erlangen - Federal Republic of Germany
Hans WALDMANN, Theodor-von-Uahn-Strasse 19, D-91052 Erlangen - Fed. Rep. of Germany