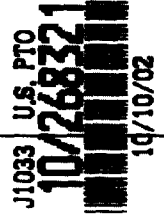
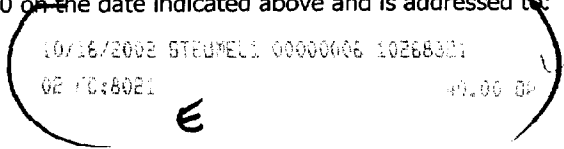


10-17-2002



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Name of conveying Party(ies): Bernd BRAUN Guenter HOLLEMANN <i>10-10-02</i>		Execution Date(s) {M / D / Y}: July 26, 2002 July 26, 2002	
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If this document is being filed together with a New Application, enter the date the patent application was signed by the first named executing inventor {M/D/Y}: July 26, 2002			
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Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00			
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Deposit Account Enter for payment by deposit account or if additional fees can be charge to the account. Deposit Account Number: <u>50-1529</u> Authorization to charge additional fees <input type="checkbox"/> Yes <input type="checkbox"/> No			
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. Charges to deposit account are authorized, as indicated herein.			
Gerald H. Kiel Reg. No.: 25,116 Name of Person Signing		<i>Gerald H. Kiel</i> Signature Date: October 10, 2002	
EXPRESS MAIL No.: EV 168 022 157 US Deposited: October 10, 2002 deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, DC 20231		I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, DC 20231	
<i>Ruth Montalvo</i> Ruth Montalvo			

ASSIGNMENT - PATENT APPLICATION

UNITED STATES OF AMERICA

Whereas, I/We Bernd Braun and Guenter Hollemann of Loebstedter Strasse 9, D-07743 Jena, Germany; and Wieselweg 15, D-07749 Jena, Germany, respectively (hereinafter "Assignor"), have invented certain new and useful improvements in ARRANGEMENT FOR PUMPING AN ANISOTROPIC LASER CRYTAL which application for Letters Patent in the United States of America ___ is about to be filed; X has been filed.

And Whereas, JENOPTIK Laser, Optik, Systeme GmbH of Goeschwitzer Strasse 25, D-07745 Jena, Germany (herein "Assignee") is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor:

Now, Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) the Assignor has assigned, transferred and set over, and by these presents does assign, transfer and set over unto the said Assignee for the territory of the United States of America, the full and exclusive right, title and interest in and to the said invention, as fully set forth and described in the specification.

A. prepared and executed on even date(s) herewith _____

B. filed in the U.S. Patent and Trademark Office under Serial No. _____ filed on _____ including any division, continuation, substitute or renewal application thereof; said invention, application and Letters Patent to be held and enjoyed by the said Assignee to the full end of the term for which said Letters Patent is granted, as fully and entirely as the same would have been held by the Assignor had this assignment and transfer not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent for said invention to said Assignee.

In testimony whereof, the Assignor has hereunto set his hand this

26th day of July 2002.

WITNESS:

INVENTOR(S):

Peter Heist

Peter HEIST

Bernd Braun

Bernd BRAUN

Ulf Krause

ULF KRAUSE

Guenter Hollemann

Guenter HOLLEMANN