

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
EFFECTIVE DATE:	06/14/2004						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Frank Massmann</td><td>06/14/2004</td></tr><tr><td>Heike Voss</td><td>06/14/2004</td></tr></tbody></table>		Name	Execution Date	Frank Massmann	06/14/2004	Heike Voss	06/14/2004
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Frank Massmann	06/14/2004						
Heike Voss	06/14/2004						
RECEIVING PARTY DATA							
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Postal Code:	D-13597						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10499311</td></tr></tbody></table>		Property Type	Number	Application Number:	10499311		
Property Type	Number						
Application Number:	10499311						
CORRESPONDENCE DATA							
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Total Attachments: 1 source=w0170726#page1.tif							

OP \$40.00 10499311

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PATENT  
REEL: 015695 FRAME: 0894

**ASSIGNMENT**

WHEREAS, we, **FRANK MASSMANN and HEIKE VOSS**, both residing in Berlin, Germany, have co-invented, certain new and useful improvements in **PUMP ARRANGEMENT FOR TRANSVERSALLY PUMPING AN ACTIVE MEDIUM**, for which we have this day executed an application for United States Letters Patent, as initiation of the national phase of International Application No. PCT/DE02/04719, filed December 17, 2002;


AND, WHEREAS, **IBL INDUSTRIAL BROAD-SPECTRUM LASER AG**, a corporation of Germany, having a place of business at Am Schlangengraben 16, D-13597 Berlin, Germany, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

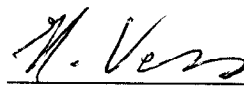
The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. we covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignees to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Dated 14.06.2004

  
Frank Massmann

Dated 14.06.2004

  
Heike Voss