

01-09-2001

FORM PTO-1595  
 (Revised 6-93)



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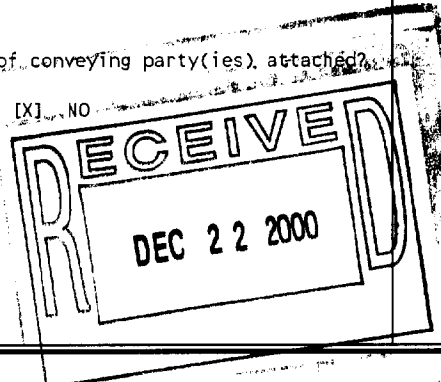
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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original documents or copy thereof.

ATTORNEY DOCKET NO.: 19232.0003U1

<p>1. Name of conveying party(ies):          Winfried Schulmann</p> <p>Additional names of conveying party(ies) attached?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>2. Name and address of receiving party(ies):          Name: Leybold Systems GmbH</p> <p>Internal Address:</p> <p>Street Address: Wilhelm-Rohn-Straße 25</p> <p>City: D-63450 Hanau</p> <p>Country: Germany</p> <p>Zip:</p> <p>Additional name(s) and address(es) attached?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
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3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	<input type="checkbox"/> Other: Patent Licence
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	

Execution Date: October 16, 2000

4. Application number(s) or patent number(s):

A. Patent Application No.(s): 09/652,875	B. Patent No.(s):
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Additional numbers attached?  YES  NO

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Gregory J. Kirsch, Esq.          NEEDLE &amp; ROSENBERG, P.C.          Suite 1200, The Candler Building          127 Peachtree Street, N.E.          Atlanta, Georgia 30303-1811          (404) 688-0770</p>	<p>6. Total number of applications and patents involved:          One (1)</p>
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7. Total fee (37 CFR 3.41): \$40.00

Enclosed

Authorized to be charged to Deposit Account.

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 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 14-0629.  
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8. Deposit account number: 14-0629

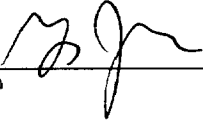
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9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

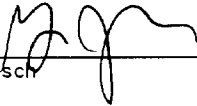
  
\_\_\_\_\_  
Gregory J. Kirsch  
Reg. No. 35,572

Date

18 December 2000

Total Number of Pages Including Cover Sheet, Attachments, and Document: 4

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date listed below.

  
\_\_\_\_\_  
Gregory J. Kirsch

Date

18 Dec 2000

ASSIGNMENT

WHEREAS, I, Winfried Schulmann, of Heidelbergerstraße 3, D-603801 Kleinostheim, Germany, have invented new and useful improvements in a "GRIP ARRANGED ON A PULL SHAFT OF A CRYSTAL PULLING SYSTEM" for which an application for United States Letters Patent was filed on August 31, 2000; and assigned Serial No. 09/652,875 and

WHEREAS, LEYBOLD SYSTEMS GmbH whose post-office address is Wilhelm-Rohn-Straße 25, D-63450 Hanau, Germany, a company of Germany, is desirous of acquiring the entire interest in the same;


NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I, Winfried Schulmann, hereby do sell, assign and transfer unto said LEYBOLD SYSTEMS GmbH, the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), reissue, reexamination, division, continuation-in-part, extension or continuation thereof and all rights of priority under the International Convention arising from said application; the same for its legal representatives and assigns, as fully and entirely as the same would have been held by me had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be

made and generally do everything possible to aid LEYBOLD SYSTEMS GmbH, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

I also authorize counsel for LEYBOLD SYSTEMS GmbH to enter above the filing date and serial number of the application when they become available.

IN WITNESS WHEREOF, I have executed this assignment this 16 day of 10  
October, 2000.

  
\_\_\_\_\_  
Winfried Schulmann (L.S.)