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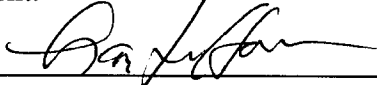
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SHEET

U.S. DEPARTMENT OF COMMERCE

102974798

To the Honorable Assistant Commissioner for Patents and Trademarks, _____		attached original documents or copy thereof.
1. Name of conveying party(ies): Elena N. SIDORENKO; Victor V. NAZAROV Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: OPTIVA, INC. Internal Address: _____
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Dates: November 2, 2004		Street Address: 384 Oyster Point Blvd., Suite 16 City: South San Francisco State: CA Zip: 94080 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application entitled PERYLENETETRACARBOXYLIC ACID DIBENZIMIDAZOLE SULFODERIVATIVES CONTAINING OXO-GROUPS IN THE PERYLENE CORE WHICH FORM A PART OF A PARA-QUINOID SYSTEM OF BONDS, LYOTROPIC LIQUID CRYSTAL SYSTEMS AND ANISOTROPIC FILMS CONTAINING THE SAME, AND METHODS FOR MAKING THE SAME If this document is being filed together with a new application, the execution date of the application is: _____		
A. Patent Application No.(s) 10/833,595		B. Patent No.(s) _____
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: TIANJUN HOU Internal Address: DORSEY & WHITNEY LLP _____ _____		6. Total number of applications and patents involved: _____
Street Address: SUITE 3400 FOUR EMBARCADERO CENTER City: SAN FRANCISCO State: CA Zip: 94111-4187		7. Total fee (37 CFR 3.41):.....\$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account
8. Deposit account number 50-2319 Please debit any underpayment or credit any overpayment to the above deposit account. Our Order No. A-72341/AJT(463031-193)		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. Tianjun Hou, Reg. No 51,821  March 31, 2005 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments and document: [4]		
OMB No. 0651-0011 (exp. 4/94)		

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File No. **A-72341/AJT**

P.O. Box 1450
Alexandria, VA 22313-1450

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PATENT
REEL: 016420 FRAME: 0990

ASSIGNMENT

WHEREAS, the undersigned, **Elena N. Sidorenko**, a resident of **Moscow, Russia**, and **Victor V. Nazarov**, a resident of **Moscow, Russia**, have invented certain new and useful improvements in ***PERYLENETETRACARBOXYLIC ACID DIBENZIMIDAZOLE SULFODERIVATIVES CONTAINING OXO-GROUPS IN THE PERYLENE CORE WHICH FORM A PART OF A PARA-QUINOID SYSTEM OF BONDS, LYOTROPIC LIQUID CRYSTAL SYSTEMS AND ANISOTROPIC FILMS CONTAINING THE SAME, AND METHODS FOR MAKING THE SAME***, for which invention they have executed application for Letters Patent Serial No. 10/833,595 filed April 27, 2004, which application claims priority to Provisional Application Serial No. 60/482,779 filed June 25, 2003.

WHEREAS, **OPTIVA, INC.** (hereinafter termed "Assignee"), a Corporation of the State of California, having a place of business at South San Francisco, California, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

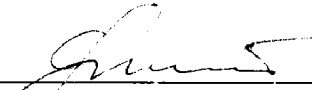
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents; and (e) all claims for damages by reason of past infringement of said Patents, with the right to sue for and collect the same for its own use and enjoyment, and for use and enjoyment of its successors, assigns or other legal representatives.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.


3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his respective heirs, legal representatives and assigns.

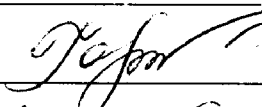
4. Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee the day and year below written.

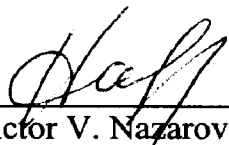
Date: 11/02/2004 Signed: 
Elena N. Sidorenko

Witnesses

1) Date: 11/02/2004 Signature: 
Print Name: Elena Neburchilova


2) Date: 11/02/2004 Signature: 
Print Name: Yulia Gordeva

Date: 11/02/2004

Signed: 
Victor V. Nazarov

Witnesses

1) Date: 11/02/2004

Signature: 

Print Name: Elena Neburchilova

2) Date: 11/02/2004

Signature: 

Print Name: Julia Gordeeva