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## FORM COVER SHEET

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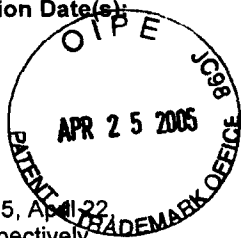
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Document ID Number: 102848421

Attorney Docket No. 82001-0397

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies) / Execution Date(s):

Henry Frederick SCHWARZ  
Philip David Reginald APPS  
Ravishankar Venkata NANDJWADA  
Brian Lawrence MONTEIRO  
Mark COOKEExecution Dates: April, 13, May 1, April 25, April 22,  
And April 20, 2004, respectivelyAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other: \_\_\_\_\_

## 2. Name and address of receiving party:

Name: Manugistics, Inc.  
Internal Address: 9715 Key West Avenue  
Rockville, Maryland 20850  
USAStreet address: 9715 Key West Avenue  
Rockville, Maryland 20850  
USAAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number or patent number:

☐ This document is being filed together with a new application.

A. Serial No. 10/721,743 filed November 26, 2003

B. Patent No.

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: Celine Crowson, Esquire  
Internal Address: Hogan & Hartson LLP  
Street Address: Columbia Square  
555 Thirteenth Street, N.W.  
City: Washington  
State: D.C. Zip: 20004-1109

Phone Number: 202-637-5600

Fax Number: 202-637-5910

Email address: cjcrowson@hhlaw.com

Customer Number: 24633

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ Not required (government interest not affecting title)  
☒ Fee paid for original filing on September 27, 2004

## 8. Payment Information:

- a. Credit Card Last four numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account No. 50-1349  
Authorized User Name \_\_\_\_\_

DO NOT USE THIS SPACE

## 9. Signature:

Signature

April 25, 2005  
Date

Celine Jimenez Crowson - Registration No. 40,357

Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents:

9

Mail documents to be recorded (including coversheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450PATENT  
REEL: 016490 FRAME: 0704

Attorney Docket No. 82001-0397

Sole/Joint Invention

(Worldwide Rights)

ASSIGNMENT

WHEREAS We or I, the below named inventor/inventors [hereinafter referred to as Assignors], have made an invention entitled:

CONFIGURABLE PRICING OPTIMIZATION SYSTEM

for which an application for United States Letters Patent is filed herewith or an application for United States Letters Patent was filed as application number 10/721,743, on November 26, 2003;

AND WHEREAS, Manugistics, Inc. a corporation of Delaware, whose post office address is 9715 Key West Avenue, Rockville, Maryland, 20850, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for and in consideration of the sum of one dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee, is hereby acknowledged, WE or I, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, OUR or MY entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals and reissues thereof; and WE or I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE or I HEREBY covenant that WE or I have the full right to convey the interest assigned by this Assignment, and WE or I have not executed and will not execute any agreement in conflict with this Assignment;

AND WE or I HEREBY further covenant and agree that WE or I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to US or ME respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE or I have hereunto set my/our hands.

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Sole/Joint Invention  
(Worldwide Rights)

Page 3

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