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12-23-2002



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U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No 82001-0297

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

1. Name of conveying party(ies):

Martin HORNE

12/18/02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Manugistics, Inc.

Street address: 2115 East Jefferson Street
Rockville, Maryland 20852Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: Employment Agreement
Execution Date: October 15, 2002

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

If this document is being filed together with a new application, the filing date of the application is:

Serial No. 10/057,983 Filed January 29, 2002

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Celine Crowson
Internal Address: Hogan & Hartson LLP
Street Address: Columbia Square
555 Thirteenth Street, N.W.
City: Washington State: D.C. Zip: 20004-1109
Customer No. 24633

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-1349
(Attach duplicate copy of this page if paying by deposit account)

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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.

Celine Crowson Reg. No. 40,357
Name of Person signing

Signature

December 18, 2002
Date

Total number of pages including cover sheet, attachments and document: 2 pages

12/23/2002 LMUELLER 00000006 10057983

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

11 FC:A021

40.00 DP

ASSIGNMENT

WHEREAS I, the below named inventor [hereinafter referred to as Assignor], have made an invention entitled:

**SYSTEM AND METHOD FOR ALLOCATING THE SUPPLY OF CRITICAL
MATERIAL COMPONENTS AND MANUFACTURING CAPACITY**

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 **10/057,983**, on **January 29, 2002**;

AND WHEREAS, **Manugistics, Inc.** a corporation of **Delaware**, whose post office address is **2115 East Jefferson Street, Rockville, Maryland 20852**, [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, 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, **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 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, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to **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 assignees, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set our hands.

Country **United States**

Martin HORNE
Full Name of First Inventor


State of _____

Address

SS:

Subscribed and sworn before me

this ____ day of _____, 2000


Assignor's Signature

Notary Public

Oct 15 / 2002
Date

Names of additional inventors attached [] Y [X] N