

08-28-2003



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

1. Name of conveying party(ies):

David Haynes

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: August 19, 2003

2. Name and address of receiving party(ies)

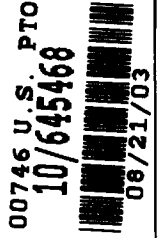
Name: Distribution Control Systems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 5657 Campus Parkway

City: Hazelwood State: Missouri Zip: 63042

Additional names(s) & addresses(es) attached? ☐ Yes ☒ No



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

If this document is being filed together with a new application, the execution date of the application is: August 21, 2003

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

10 645468

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence should be mailed:

Name: Polster, Lieder, Woodruff & Lucchesi, L.C.

Internal Address: Suite 230

Street Address: 763 South New Ballas Road

City: St. Louis State: MO Zip: 63141

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☒ Authorized to be charged to deposit account in case of any deficiency.

8. Deposit account number: 162201

(Attach duplicate copy of this page if paying by deposit account)

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.*

J. Joseph Muller

Name of person Signing

J. Joseph Muller

Signature

8/21/03

Date

Total number of pages including cover sheet, attachments, and document: 3

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Mail document to be recorded with required cover sheet information to:  
Commissioner of Patent & Trademarks, Box Assignments  
Washington, DC 20231

PATENT  
REEL: 014423 FRAME: 0649

## **ASSIGNMENT**

**WHEREAS**, I, David Haynes, a Citizen of Missouri, residing at 102 Megan Drive, O'Fallon, Missouri 63366, have invented improvements in **QUALITY OF SERVICE TERRAIN MAP FOR UTILITIES** (Docket No. DCS 8705US) and have executed an application for a United States patent based thereon simultaneously herewith.

**AND, WHEREAS**, Distribution Control Systems, Inc. of 5657 Campus Parkway, Hazelwood, Missouri 63042, a corporation of the State of Missouri (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE**, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

**AND I** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

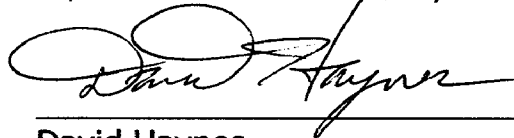
**AND I** hereby agree for myself and for my respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND I** hereby covenant for myself and my respective legal representatives that I have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed my right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I have hereunto set my hand.

8/20/03

Date



David Haynes

ACKNOWLEDGMENT

STATE OF MISSOURI

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COUNTY OF ST. LOUIS

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On this 20<sup>TH</sup> day of AUGUST, 2003, before me, a Notary Public, personally appeared David Haynes, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

  
Notary Public

My Commission Expires:



ELLIE KEENEY  
St. Louis County  
My Commission Expires  
September 24, 2006