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ARCTIC OPERATIONS MANUAL - TX REGISTRATION

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Registration Number: TX 9-582-431

Effective Date of Registration: March 15, 2023

WORK TITLE

Title of Work: Arctic Operations Manual for BlueCore(TM) Autonomou

Robots

Version: 4.2

Previous Versions: 1.0-4.1 (First publication 2019)

COMPLETION/PUBLICATION

Year of Completion: 2023

Date of First Publication: April 1, 2023

Nation of First Publication: United States

AUTHOR

Author: Polar Dynamics Robotics, Inc.

Author Created: text, technical drawings, photographs, software docu

Work made for hire: Yes

Citizen of: United States

Domiciled in: United States

Corporate Author Incorporation: Delaware

COPYRIGHT CLAIMANT

Polar Dynamics Robotics, Inc.

2850 Glacier Way

Cambridge, MA 02142

LIMITATION OF CLAIM

Material Excluded from Claim:

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Previous versions of the manual (1.0-4.1)

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Third-party software interface documentation

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Standard industry safety protocols

New Material Included in Claim:

4-
Updated technical specifications for 2023 BlueCore(TM) models
-
Enhanced cold-environment operating procedures
-
New troubleshooting protocols
<u>-</u>
Revised maintenance schedules
-
Updated software integration guidelines
New diagnostic flowcharts
New diagnostic newonante
Proprietary temperature compensation algorithms

RIGHTS-AND PERMISSIONS

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CERTIFICATION

I, Victoria Wells, hereby certify that I am the Chief Financial Officer of Dynamics Robotics, Inc., the claimant named herein, and that the star by me in this application are correct to the best of my knowledge.

EXAMINED BY

Copyright Office Examiner: [Redacted]

Supervisory Examiner: [Redacted]

CONTENTS REGISTERED

The registered work consists of:

Operating Procedures (175 pages)

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System-Overview

Safety Protocols

Cold Environment Specifications

Navigation Systems

BlueCore(TM) Technology Implementation

Emergency Procedures

Technical Specifications (143 pages)

Hardware Components

- 8-

Software Architecture

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Interface Requirements

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Performance Parameters

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Environmental Tolerances

Maintenance Guidelines (98 pages)

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Preventive Maintenance Schedules

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Repair Procedures

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Parts Replacement Calibration Requirements Quality Control Measures Appendices (84 pages) Troubleshooting Guides Reference Tables Compliance Documentation -

Warranty Information

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Contact Information

SPECIAL HANDLING

Expedited Processing Requested: Yes

Special Handling Fee Paid: \$800

Reason for Special Handling: Pending licensing negotiations

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