

INTELLECTUAL PROPERTY REGISTRATION CERTIFICATE

Adaptive Learning System Patent and Technology Asset Documentation

CERTIFICATE OF REGISTRATION

WHEREAS, Nexus Intelligent Systems, Inc. (hereinafter "Company"), a Delaware corporation with principal offices located at 1200 Technology Park Drive, San Jose, California 95134, has developed proprietary intellectual property related to adaptive machine learning diagnostic platforms;

NOW, THEREFORE, this Intellectual Property Registration Certificate ("Certificate") attests to the following:

1. REGISTERED INTELLECTUAL PROPERTY ASSETS

1.1 Patent Portfolio

The Company hereby registers the following core intellectual property assets:

1.1 Patent No. NIS-2023-AI-001: "Predictive Maintenance Algorithm with Dynamic Machine Learning Calibration"

- Filing Date: September 15, 2023
- Provisional Patent Application Serial Number: 63/456,789
- Primary Inventors: Dr. Elena Rodriguez, Michael Chen
- Technology Domain: Industrial Predictive Analytics

1.2 Patent No. NIS-2023-AI-002: "Adaptive Learning System for Real-Time Industrial Performance Optimization"

- Filing Date: November 22, 2023
- Provisional Patent Application Serial Number: 63/478,912
- Primary Inventors: Dr. Sarah Williamson, Dr. Marcus Thompson
- Technology Domain: Enterprise AI Infrastructure

2. INTELLECTUAL PROPERTY OWNERSHIP DECLARATION

1 The Company expressly declares full and exclusive ownership of all registered intellectual property, including but not limited to:

- Source code

- Algorithm designs
- Machine learning model architectures
- Training data sets
- Derivative works and improvements

2 All intellectual property assets have been developed exclusively by Company employees within the scope of their employment, utilizing Company resources and trade secrets.

3. REGISTRATION DETAILS

1 Registration Authority: United States Patent and Trademark Office (USPTO)

2 Registration Date: January 22, 2024

3 Corporate Intellectual Property Counsel: Thompson & Associates LLP

4. RESTRICTIONS AND LIMITATIONS

1 This Certificate represents a formal internal registration and does not constitute a guarantee of patent issuance or protection.

2 The Company reserves all rights to modify, update, or withdraw intellectual property registrations at its sole discretion.

5. CONFIDENTIALITY PROVISIONS

1 This document contains confidential and proprietary information of Nexus Intelligent Systems, Inc.

2 Unauthorized disclosure, reproduction, or distribution is strictly prohibited and may result in legal action.

6. EXECUTION

IN WITNESS WHEREOF, the undersigned authorized representatives of Nexus Intelligent Systems, Inc. execute this Intellectual Property Registration Certificate:

AUTHORIZED SIGNATURES

Dr. Elena Rodriguez

Chief Executive Officer

Nexus Intelligent Systems, Inc.

Signature:

Date: January 22, 2024

Michael Chen

Chief Technology Officer

Nexus Intelligent Systems, Inc.

Signature:

Date: January 22, 2024

7. LEGAL DISCLAIMER

This Certificate is issued without warranty. The Company makes no representations regarding the ultimate patentability or commercial viability of registered intellectual property.

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Confidentiality Level: INTERNAL USE ONLY