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LDROBOT

SHENZHEN LDROBOT CO., LTD

深圳樂動機器人股份有限公司

(A joint stock company incorporated in the People's Republic of China with limited liability)

(Stock Code: 1236)

**VOLUNTARY ANNOUNCEMENT
ENTERING INTO A COOPERATION AGREEMENT ON
FLEXIBLE 3D TACTILE PERCEPTION
FOR EMBODIED INTELLIGENT ROBOTS**

This announcement is made by SHENZHEN LDROBOT CO., LTD (the “**Company**”, together with its subsidiaries, the “**Group**”) on a voluntary basis.

The Board of Directors (the “**Board**”) of the Company is pleased to announce that the Company has recently formally entered into a cooperation agreement on flexible 3D tactile perception for embodied intelligent robots (the “**Cooperation Agreement**”) with Huazhong University of Science and Technology. The Company is committed to leveraging its technological and industrial know-how in comprehensive perception solutions and complete intelligent robots to continuously advance its deployment into technologies such as new sensors, deep integration of AI and spatial interaction models, driving the evolution of robots from simple environmental perception to deep scenario understanding. This cooperation represents a significant practice for the Company to consolidate the strategic foundation of “Physical AI Perception Infrastructure” and marks a crucial step in perfecting its multi-modal perception technology system.

COOPERATION AGREEMENT

Pursuant to the Cooperation Agreement, focusing on the tactile perception requirements of embodied intelligent robots, both parties will conduct technology research and development and scenario validation for flexible 3D tactile sensor components and array systems, primarily including:

- (1) developing flexible 3D tactile sensors and high-density perception arrays to enhance the perception capabilities and long-term stability of the sensors under complex operating conditions;
- (2) developing corresponding signal acquisition hardware, 3D force decoupling algorithms, and tactile imaging algorithms to form comprehensive technical solutions ranging from sensor components to array systems;
- (3) validating the application and implementation capabilities of the 3D flexible tactile perception systems in scenarios involving robotic dexterous hands, robotic arms, and other carriers.

REASONS FOR AND BENEFITS OF ENTERING INTO THE COOPERATION AGREEMENT

This cooperation is an important deployment for the Company to further expand its tactile perception capabilities based on its existing visual perception technologies. Through the joint R&D of flexible 3D tactile sensors and array perception systems with Huazhong University of Science and Technology, the Company will explore technologies such as contact-based 3D force perception and tactile imaging, thereby further improving its technological deployment from sensor components and corresponding algorithms to array systems. The relevant R&D outcomes may be applied in the future across various scenarios, including robotic dexterous hands, robotic arms, humanoid robots, collaborative robots, and intelligent service robots. This will lay a solid foundation for the Company to subsequently explore the integrated perception of vision and touch and to expand its multidimensional comprehensive perception products and solutions for embodied intelligent robots.

INFORMATION ON THE COOPERATION PARTNER OF HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

This cooperation relies on the State Key Laboratory of Intelligent Manufacturing Equipment and Technology, School of Mechanical Science and Engineering, Huazhong University of Science and Technology, and is led by Professor Li Kan. Professor Li Kan is currently a doctoral supervisor at the School of Mechanical Science and Engineering of Huazhong University of Science and Technology. He is honored as a “Huazhong Scholar” of Huazhong University of Science and Technology, a recipient of the Excellent Young Scientists Fund (Overseas) of the National Natural Science Foundation of China, and a Donghu Young Scholar. Professor Li Kan obtained his bachelor’s degree from Tsinghua University and his doctoral degree from Northwestern University in the United States. He also conducted postdoctoral research at the University of Cambridge in the United Kingdom. He has long been committed to the research of 3D flexible structures and stretchable electronic devices, and has published numerous papers as the first author or co-first author in prestigious journals such as Nature, Nature Communications, Science Advances, and PNAS.

INFORMATION ON THE BUSINESS OF THE GROUP

As a full-stack intelligent robotics company driven by perception intelligence, the Group has built comprehensive capabilities spanning from underlying technologies to advanced application implementations in the field of intelligent robotics. The Company has created an intelligent robotics infrastructure focusing on visual perception, empowering various intelligent robotics application scenarios, while offering visual perception products and complete intelligent robotic products suitable for emerging application scenarios.

By order of the Board
SHENZHEN LDROBOT CO., LTD
ZHOU Wei
Chairman of the Board

Hong Kong, October 11, 2026

As of the date of this announcement, the Board comprises Mr. ZHOU Wei, Mr. GUO Gaihua and Mr. ZHANG Jun as executive Directors, Dr. HUANG Xi as non-executive Director, and Mr. CHENG Hao, Dr. YAN Hongyu and Mr. HONG Kam Le as independent non-executive Directors.