A. FURTHER INFORMATION ABOUT OUR COMPANY AND OUR SUBSIDIARIES

1. Incorporation

Our Company was established as a limited liability company in the PRC on March 31, 2012 and was converted into a joint stock limited company on March 29, 2019 under the laws of the PRC. Our registered office is located at Room 2201, Building C1, Nanshan Smart Park, No. 1001 Xueyuan Avenue, Changyuan Community, Taoyuan Street, Nanshan District, Shenzhen, PRC.

We were registered as a non-Hong Kong company under Part 16 of the Companies Ordinance on February 2, 2023 and our principal place of business in Hong Kong is 5/F, Manulife Place, 348 Kwun Tong Road, Kowloon, Hong Kong. Ms. Ng Wai Kam has been appointed as the authorized representative of our Company for the acceptance of service of process in Hong Kong whose address for service of process is 5/F, Manulife Place, 348 Kwun Tong Road, Kowloon, Hong Kong.

As our Company was established in the PRC, its operations are subject to the relevant laws and regulations of the PRC. A summary of the relevant aspects of laws and regulations of the PRC and the Articles of Association is set out in Appendix V and VI, respectively.

2. Changes in Share Capital of Our Company

As of the date of our establishment as a joint stock company, our registered capital was RMB360,000,000 consisting of 360,000,000 issued Domestic Shares with a nominal value of RMB1.00 each, which has been fully paid up.

The changes in the share capital of our Company within two years immediately preceding the date of this document:

- (a) On July 20, 2022, our registered capital was increased to RMB390,426,011;
- (b) On July 21, 2022, our registered capital was increased to RMB394,127,877;
- (c) On December 13, 2022, our registered capital was increased to RMB396,173,136; and
- (d) On February 21, 2023, our registered capital was increased to RMB406,568,674.

Save as disclosed above, there has been no alteration in the share capital of the Company within two years immediately preceding the date of this document. For details of changes in our share capital, please see "History, Development and Corporate Structure" of this document.

3. Resolutions of our Shareholders in relation to the [REDACTED]

At the general meeting of the Shareholders held on December 27, 2022, the following resolutions, among other things, were duly passed:

- (a) the [**REDACTED**] by the Company of H Shares with a nominal value of RMB1.00 each and such H Shares be [**REDACTED**] on the Hong Kong Stock Exchange;
- (b) the number of H Shares to be issued shall be no more than 15% of the total issued share capital of our Company upon completion of the [REDACTED], and the grant of the [REDACTED] in respect of no more than 15% of the number of H Shares issued pursuant to the [REDACTED];
- (c) authorization of the Board or its authorized individual to handle all matters relating to, among other things, the [**REDACTED**], the [**REDACTED**] of H Shares and the [**REDACTED**]; and
- (d) subject to the completion of the [**REDACTED**], the conditional adoption of the revised Articles of Association, which shall become effective on the [**REDACTED**].

THIS DOCUMENT IS IN DRAFT FORM, INCOMPLETE AND SUBJECT TO CHANGE AND THAT THE INFORMATION MUST BE READ IN CONJUNCTION WITH THE SECTION HEADED "WARNING" ON THE COVER OF THIS DOCUMENT.

APPENDIX VII STATUTORY AND GENERAL INFORMATION

4. Changes in the Share Capital of our Subsidiaries

Save as disclosed below, there has been no alteration in the share capital of any of our subsidiaries within the two years immediately preceding the date of this document:

- (a) The issued share capital of UBTECH ROBOTICS LIMITED was increased from HK\$232,773,000 to HK\$310,584,000 on February 22, 2022.
- (b) The issued share capital of U&ME Innovation Technology Company Limited was increased from HK\$10,000 to HK\$38,915,500 on February 22, 2022.
- (c) The issued share capital of Futronics (Hong Kong) Limited was increased from US\$500,000 to US\$5,000,000 on April 26, 2022 and further increased US\$5,000,000 to US\$10,000,000 on August 26, 2022.
- (d) The registered capital of Wuxi Uqi was increased from RMB20,000,000 to RMB25,000,000 on December 31, 2021, was further increased from RMB25,000,000 to RMB27,000,000 on May 27, 2022, and was further increased from RMB27,000,000 to RMB27,671,600 on December 30, 2022, and further increased from RMB27,671,600 to RMB30,019,500 on January 6, 2023.
- (e) The issued share capital of UBTECH ROBOTICS CORP was increased from USD20,650,000 to USD21,750,000 on April 18, 2022, increased to USD21,900,000 on June 13, 2022, increased to USD22,260,000 on July 21, 2022, increased to USD22,560,000 on January 17, 2023, increased to USD22,760,000 on March 8, 2023, increased to USD23,760,000 on May 8, 2023 and further increased to USD25,000,000 on May 19, 2023.
- (f) The authorized stock capital of FUTRONICS (NA) CORPORATION was increased from USD4,500,000 to USD9,500,000 on January 17, 2023 and its issued share capital was increased from USD4,500,000 to USD6,400,000 on January 18, 2023, increased to USD6,950,000 on February 24, 2023, increased to USD7,250,000 on March 24, 2023, increased to USD7,550,000 on April 21, 2023, increased to USD8,650,000 on May 15, 2023, increased to USD9,100,000 on July 21, 2023 and further increased to USD9,500,000 on August 18, 2023.
- (g) The registered capital of UBKang (Qingdao) Technology Co., Ltd.* (優必康(青島)科技有限公司) was increased from RM50,000,000 to RMB62,500,000 on April 23, 2023.
- (h) The registered capital of UBTECH (Hubei) Technology Co., Ltd.* (優必選(湖北)科技有限公司) was increased from RMB20,000,000 to RMB70,000,000 on [July 28, 2023].

The following subsidiaries of our Company were established within two years immediately preceding the date of this document:

- (a) Shaoyang UBTECH Technology Co., Ltd.* (邵陽優必選科技有限公司) was established on March 14, 2022 with a registered capital of RMB30,000,000.
- (b) Sichuan UBTECH Intelligent Technology Development Co., Ltd.* (四川優必選智慧科技有限 公司) was established on April 19, 2022 with a registered capital of RMB10,000,000.
- (c) Shenzhen Uqi Zhixing Technology Co., Ltd.* (深圳優奇智行科技有限公司) was established on March 23, 2022 with a registered capital of RMB20,000,000.
- (d) Chengdu Longquanyi UBTECH Technology Co., Ltd.* (成都龍泉驛優必泰克科技有限公司) was established on May 18, 2022 with a registered capital of RMB20,000,000.
- (e) Jiujiang Youbixing Technology Co., Ltd.* (九江優必行科技有限公司) was established on June 20, 2022 with a registered capital of RMB210,000,000.
- (f) Liuzhou UBTECH Intelligent Technology Co., Ltd.* (柳州優必選智能科技有限公司) was established on June 27, 2022 with a registered capital of RMB200,000,000.
- (g) Yang Ling UBTECH Intelligent Agricultural Technology Co., Ltd.* (楊凌優必選智慧農業科 技有限公司) was established on July 12, 2022 with a registered capital of RMB30,000,000.
- (h) UBKang (Qingdao) Technology Co., Ltd.* (優必康(青島)科技有限公司) was established on September 22, 2022 with a registered capital of RMB50,000,000.
- (i) UBTECH (Puyang) Technology Co., Ltd.* (優必選(濮陽)科技有限公司) was established on November 2, 2022 with a registered capital of RMB176,000,000.
- (j) Jiujiang Youye Technology Co., Ltd.* (九江優耶科技有限公司) was established on December 22, 2022 with a registered capital of RMB20,000,000.
- (k) Best Epoch Technology Co. LTD (深圳市優紀元科技有限公司) was established on February 5, 2021 with a registered capital of RMB50,000,000.

- (1) UBTECH (Hebei) Technology Co., Ltd.* (優必選(河北)科技有限公司) was established on September 13, 2021 with a registered capital of RMB20,000,000.
- (m) UBTECH (Hubei) Technology Co., Ltd.* (優必選(湖北)科技有限公司) was established on November 4, 2021 with a registered capital of RMB20,000,000.
- (n) Shenzhen Unilaibo Technology Co., Ltd.* (深圳市優尼萊博科技有限公司) was established on February 10, 2022 with a registered capital of RMB3,000,000.
- (o) Shenzhen Youzhixue Education Technology Co., Ltd.* (深圳市優智學教育科技有限公司) was established on February 15, 2022 with a registered capital of RMB10,000,000.
- (p) Shanghai Youjiajie Education Technology Co., Ltd.* (上海優嘉傑教育科技有限公司) was established on August 11, 2021 with a registered capital of RMB1,000,000.
- (q) Kunming Uqi Intelligent Technology Co., Ltd.* (昆明優奇智能科技有限公司) was established on December 17, 2021 with a registered capital of RMB10,000,000.
- (r) UBTECH (Shenyang) Technology Co., Ltd.* (優必選(沈陽)科技有限公司) was established on November 14, 2022 with a registered capital of RMB100,000,000.
- (s) Shenzhen Youshijie Robot Co., Ltd.* (深圳市優世界機器人有限公司) was established on July 22, 2022 with a registered capital of RMB5,000,000.
- (t) UBot Innovation technology Limited was incorporated on January 18, 2023 with an issued share of HK\$10,000.
- (u) Chaozhou UBTECH Education Technology Co., Ltd.* (潮州市優必選教育科技有限公司) was established on February 22, 2023 with a registered capital of RMB16,800,000.
- (v) Liuzhou Youxue Technology Co., Ltd.* (柳州優學科技有限公司) was established on February 28, 2023 with a registered capital of RMB200,000,000.
- (w) Liuzhou UBTECH Technology Industry Co., Ltd.* (柳州優必選科技產業有限公司) was established on March 2, 2023 with a registered capital of RMB200,000,000.
- (x) Liuzhou UBTECH Intelligent Industry Co., Ltd.* (柳州優必選智能實業有限公司) was established on March 3, 2023 with a registered capital of RMB600,000,000.
- (y) Shenzhen Youxuan Zhiyi Elderly Caring Service Co., Ltd.* (深圳市優選智頤養老服務有限公司) was established on April 11, 2023 with a registered capital of RMB20,000,000.
- (z) Shenzhen Xuanyou Technology Co., Ltd.* (深圳市選優科技有限公司) was established on June 25, 2023 with a registered capital of RMB20,000,000.
- (aa) Shenzhen Youbifu Technology Co., Ltd.* (深圳市優必服科技有限公司) was established on June 25, 2023 with a registered capital of RMB20,000,000.
- (bb) Shenzhen Youlingjing Technology Co., Ltd.* (深圳市優靈境科技有限公司) was established on June 12, 2023 with a registered capital of RMB5,000,000.
- (cc) Youdi Health Technology (Shenzhen) Co., Ltd.* (優邸健康科技(深圳)有限公司) ("Youdi Health") was established on June 16, 2023 with a registered capital of RMB10,000,000.
- (dd) Ganzhou UBTECH Intelligent Technology Company Limited* (贛州優必選智能科技有限公司) was established on August 2, 2023 with a registered capital of RMB20,000,000.
- (ee) Shenzhen UBTECH Medical Robots Company Limited* (深圳市優必選醫療機器人有限公司) was established on August 7, 2023 with a registered capital of RMB5,000,000.
- (ff) Beijing UBTECH Intelligent Robot Company Limited* (北京優必選智能機器人有限公司) was established on August 15, 2023 with a registered capital of RMB50,000,000.
- (gg) Guangzhou UBTECH Intelligent Health Industry Company Limited* (廣州優必選智慧健康產 業有限公司) was established on August 17, 2023 with a registered capital of RMB20,000,000.

B. FURTHER INFORMATION ABOUT OUR BUSINESS

1. Summary of Material Contracts

We have entered into the following contracts (not being contracts entered into in the ordinary course of business) within the two years immediately preceding the date of this document that are or may be material:

- (a) the share transfer agreement dated July 5, 2022 entered into among Shanghai Niuyin Education Technology Limited Partnership* (上海紐印教育科技合夥企業(有限合夥)), Mr. Huang Jingsong (黃勁松), Ms. Ma Ping (馬萍), Ms. Wang Yahua (王亞花) and our Company, pursuant to which Shanghai Niuyin Education Technology Limited Partnership, Mr. Huang Jingsong, Ms. Ma Ping and Ms. Wang Yahua transferred their 37.8457% equity interests held in Shanghai UBJ Education Technology Co., Ltd.* (上海優必傑教育科技有限公司) to our Company at a consideration of RMB65,000,000;
- (b) the share transfer agreement dated July 5, 2022 entered into between Hangzhou Yuanxing Yuhan Equity Investment Fund Limited Partnership* (杭州源星昱瀚股權投資基金合夥企業 (有限合夥)) and our Company, pursuant to which Hangzhou Yuanxing Yuhan Equity Investment Fund Limited Partnership transferred its 3.7735% equity interests held in Shanghai UBJ Education Technology Co., Ltd.* (上海優必杰教育科技有限公司) to our Company at a consideration of RMB60,000,000;
- (c) the share transfer agreement dated July 5, 2022 entered into between Gongqingcheng Yachang Jiake Investment Management Limited Partnership* (共青城亞昌嘉科投資管理合夥企業(有限 合夥)) and our Company, pursuant to which Gongqingcheng Yachang Jiake Investment Management Limited Partnership transferred its 3.0189% equity interests held in Shanghai UBJ Education Technology Co., Ltd.* (上海優必杰教育科技有限公司) to our Company at a consideration of RMB48,000,510;
- (d) the share transfer agreement dated July 5, 2022 entered into between Gongqingcheng Jialu Investment Management Limited Partnership* (共青城嘉麓投資管理合夥企業(有限合夥)) and our Company, pursuant to which Gongqingcheng Jialu Investment Management Limited Partnership transferred its 1.8868% equity interests held in Shanghai UBJ Education Technology Co., Ltd.* (上海優必杰教育科技有限公司) to our Company at a consideration of RMB30,000,120;
- (e) the share transfer agreement dated July 5, 2022 entered into between Mr. Bo Qingrong (卜慶 榕)and our Company, pursuant to which Mr. Bo Qingrong transferred his 1.2754% equity interests held in Shanghai UBJ Education Technology Co., Ltd.* (上海優必杰教育科技有限公司) to our Company at a consideration of RMB6,759,620;
- the supplemental shareholders' agreement dated June 15, 2022 entered into among Suzhou (f) Industrial Park Qiming Rongke Investment Limited Partnership* (蘇州工業園區啟明融科股權 投資合夥企業(有限合夥)), Suzhou Qiming Rongying Start-up Investment Limited Partnership* (蘇州啟明融盈創業投資合夥企業(有限合夥)), Gongqingcheng Jialu Investment Management Limited Partnership* (共青城嘉麓投資管理合夥企業(有限合夥)), Gongqingcheng Yachang Jiake Investment Management Limited Partnership* (共青城亞昌嘉 科投資管理合夥企業(有限合夥)), Hangzhou Yuanxing Yuhan Equity Investment Fund Limited Partnership* (杭州源星昱瀚股權投資基金合夥企業(有限合夥)), Mr. Huang Jingsong (黃勁松), Ms. Ma Ping (馬萍), Ms. Wang Yahua (王亞花), Shanghai Niuyin Education Technology Limited Partnership* (上海紐印教育科技合夥企業(有限合夥)), Mr. Bo Qingrong (卜慶榕), Mr. Zheng Weifeng (鄭衛峰), Mr. Li Mingmin (李明瑉), Shanghai UBJ Education Technology Co., Ltd.* (上海優必杰教育科技有限公司), Zhuhai Shuisengmu Management Consulting Limited Partnership* (珠海水森木管理諮詢合夥企業(有限合夥)) and our Company, which stipulates, among others, the rights and obligations of the then Shareholders.
- (g) the capital increase agreement dated March 25, 2021, entered into among Yangzhou Longtou Chuanghai No. 1 Chengye Fund Limited Partnership* (揚州龍投創海壹號產業基金合夥企業 (有限合夥)), Mr. Zhou Jian and our Company, pursuant to which, our Company agreed to increase its registered share capital by RMB633,874 and Yangzhou Longtou Chuanghai No. 1 Chengye Fund Limited Partnership agreed to subscribe our Company's registered share capital of RMB633,874 at a total consideration of RMB50,000,000;

- (h) the capital increase agreement dated June 11, 2022, entered into among Jiujiang Youxuan Zhihui Chengye Investment Development Center Limited Partnership* (九江市優選智慧產業 投資發展中心(有限合夥)), Mr. Zhou Jian and our Company, pursuant to which, our Company agreed to increase its registered share capital by RMB6,338,742 and Jiujiang Youxuan Zhihui Chengye Investment Development Center Limited Partnership* agreed to subscribe our Company's registered share capital of RMB6,338,742 at a total consideration of RMB500,000,000;
- (i) the capital increase agreement dated June 2022, entered into among Liuzhou Government Investment Guidance Funds Management Company Limited* (柳州市政府投資引導基金管理 有限公司), Mr. Zhou Jian and our Company, pursuant to which, our Company agreed to increase its registered share capital by RMB2,535,497 and Liuzhou Government Investment Guidance Funds Management Company Limited agreed to subscribe our Company's registered share capital of RMB2,535,497 at a total consideration of RMB200,000,000;
- (j) the capital increase agreement dated September 27, 2022, entered into among Puyang Financial Holding Co., Ltd* (濮陽市金融控股有限公司), our Company and Mr. Zhou Jian, pursuant to which, Puyang Financial Holding Co., Ltd agreed to subscribe our Company's registered share capital of RMB2,789,047 at a total consideration of RMB220,000,000;
- the capital increase and share swap agreement dated December 2022, entered into among (k) Jiangsu Tiangi Borui Zhineng Equipment Development Company Limited* (江蘇天奇博瑞智 能裝備發展有限公司) ("Jiangsu Tianqi"), Mr. Cai Xuyu (蔡旭宇), Wuxi Uqi Intelligent Technology Co., Ltd.* (無錫優奇智能科技有限公司) ("Wuxi Uqi"), Our Company, Miracle Automated Engineering Co., Ltd.* (天奇自動化工程股份有限公司), Shenzhen Quantum Leap (深圳量子躍遷投資合夥企業(有限合夥)), Investment Limited Partnership* Suzhou Zhengxuan Oianzhan Zhihe Venture Capital (Limited Partnership)* (蘇州市正軒前瞻志合創 業投資合夥企業(有限合夥)), Shenzhen Zhengxuan Qianzhan Ruiyuan Venture Capital Limited Partnership* (深圳市正軒前瞻睿遠創業投資合夥企業(有限合夥)), and Ningbo Yuanhao Tianchun Enterprise Management Limited Partnership* (寧波沅灝天淳企業管理合夥 企業(有限合夥)), Ms. Wan Qiuyang (萬秋陽), Mr. Li Bei (李貝) and Jiangsu Tianhui Science and Technology Development Company Limited* (江蘇天慧科技開發有限公司), pursuant to which, Jiangsu Tianqi and Mr. Cai Xuyu agreed to subscribe for RMB1,995,700 and RMB352,200 of the increased registered capital of Wuxi Uqi, the considerations of which were settled the transfers of equity interest in Jiangsu Tianhui and Wuxi Uqi acquired 85% equity interest and 15% equity interest in Jiangsu Tianhui Science and Technology Development Company Limited from Jiangsu Tianqi and Mr. Cai Xuyu, respectively;
- (1) the capital increase agreement dated January 28, 2023, entered into among Liuzhou Industrial Guidance Fund Investment Management Company Limited* (柳州市產業引導基金投資管理 有限公司), Mr. Zhou Jian and our Company, pursuant to which, our Company agreed to increase its registered share capital by RMB10,395,538 and Liuzhou Government Chengye Guidance Funds Investment Management Company Limited agreed to subscribe our Company's registered share capital of RMB10,395,538 at a total consideration of RMB820,000,000;
- (m) the [REDACTED]; and
- (n) the Undertaking of Indemnity.

2. Intellectual Property Rights

(a) Trademarks

As at the Latest Practicable Date, we had registered the following trademarks which we consider to be or may be material to our business:

No.	Trademark	Place of registration	Rights holder	Category	Registration number	Expiration date (yyyy.mm.dd)
1	空气萝卜	PRC	Best Epoch Technology Co. LTD (深圳市優紀 元科技有限公司) ("Best Epoch")	21	61246630	2032.05.27
2	优必选	PRC	Our Company	10	60621242	2033.01.06
3	UBŢĔĊĦ	PRC	Our Company	11	53093326	2031.12.13
4	Jimů	PRC	Our Company	28	43188977	2031.10.13
5	优必选	PRC	Our Company	9	33233297	2031.02.13
6	优必选	PRC	Our Company	7	33217055	2029.06.06
7	优必选	PRC	Our Company	28	33209589	2029.06.06
8	优 必 选	PRC	Our Company	41	33209581	2029.06.06
9	UBJECH	PRC	Our Company	41	33233310	2029.05.20
10	UBJECH	PRC	Our Company	9	33229337	2029.06.13
11	UBJECH	PRC	Our Company	28	33222110	2029.06.06
12	UAT	PRC	UBTECH Education (Shenzhen) Co., Ltd.* (優必選教育(深圳)有 限公司) ("UBTECH Education")	28	25904499	2028.09.27
13	Airrobo	Japan	Best Epoch	7, 35	6487223	2031.12.16
14	UBJECH	Japan	Our Company	7, 9, 28	6248221	2030.4.24
15	Airrobo	European Union	Best Epoch	21	018658917	2032.02.22
16	Airrobo	European Union	Our Company	7, 35	018436131	2031.03.24
17	UBJECH	European Union	Our Company	7, 9, 28	018040325	2029.03.22
18	Jin U robot	European Union	Our Company	7, 9, 28, 41	015566797	2026.06.21

STATUTORY AND GENERAL INFORMATION

No.	Trademark	Place of registration	Rights holder	Category	Registration number	Expiration date (yyyy.mm.dd)
19	UBJECH	Hong Kong	Our Company	7, 9, 28	304872051	2029.03.26
20	UBJECH	Hong Kong	Our Company	7, 10, 11, 12, 21, 41	306163326	2033.02.05
21	UBJECH	U.S.	Our Company	7	6564296	2031.11.15
22	UBJECH	U.S.	Our Company	9, 28	6154260	2030.09.14
23	Jin u	U.S.	Our Company	28	5439920	2028.04.02
24 25	Airrobo Airrobo	U.S. U.S.	Our Company Best Epoch	7 11	6881515 7063468	2032.10.17 2033.05.22

(b) Copyrights

(i) Registered copyright

As at the Latest Practicable Date, we had registered the following copyrights which we consider to be or may be material to our business:

No.	Copyright	Copyright owner	Place of registration	Registration number	Date of registration (yyyy.mm.dd)
1	Cruzr Robotic System Software [Abbreviation: Cruzr System Software] V1.0 (Cruzr機器人系統 軟件[簡稱:Cruzr系統軟 件]V1.0)	Our Company	PRC	2018SR294018	2018.04.28
2	STM32F302RB-MU (60KG) embedded software [Abbreviation: STM32F302RB-MU embedded software] V1.0 (STM32F302RB-MU (60KG)嵌入式軟件[簡稱: STM32F302RB-MU嵌入 式軟件]V1.0)	Our Company	PRC	2018SR293853	2018.04.28
3	ATSAMD10D14A-MU (4KG) embedded software [Abbreviation: ATSAMD10D14A-MU embedded software] (ATSAMD10D14A-MU (4KG)嵌入式軟件[簡稱: ATSAMD10D14A-MU嵌 入式軟件]V1.0)	Our Company	PRC	2018SR294041	2018.04.28

No.	Copyright	Copyright owner	Place of registration	Registration number	Date of registration (yyyy.mm.dd)
4	ATSAMD10D14A-MU (12KG) embedded software [Abbreviation: ATSAMD10D14A-MU embedded software] (ATSAMD10D14A-MU (12KG)嵌入式軟件[簡稱: ATSAMD10D14A-MU嵌 入式軟件]V1.0)	Our Company	PRC	2018SR293875	2018.04.28
5	ATSAMD10D14A- MU (20KG) embedded software V1.0 (ATSAMD10D14A- MU(20KG)嵌入式軟件 V1.0)	Our Company	PRC	2018SR386254	2018.05.28
6	Wukong Robot System Software V1.0 (悟空機 器人系統軟件V1.0)	UBTECH Software Technology (Shenzhen) Co., Ltd.* (優必選軟 件技術(深圳)有 限公司) ("UBTECH Software")	PRC	2018SR639321	2018.08.10
7	ATSAMD10D14A-MU (3KG) embedded software [Abbreviation: ATSAMD10D14A-MU embedded software] (ATSAMD10D14A-MU (3KG)嵌入式軟件[簡稱: ATSAMD10D14A-MU嵌 入式軟件]V1.0)	Our Company	PRC	2018SR624068	2018.08.07
8	uCode Windows Installation Software [Abbreviation: uCode Installation Package] V1.0 (uCode windows端 安裝軟件[簡稱: uCode安 裝包]V1.0)	Our Company	PRC	2019SR0193008	2019.02.28
9	uKit Explore Visual Programming Teaching Software [Abbreviation: uKit Explore Programming Software] V1.0 (uKit Explore可視 化編程教學軟件[簡稱: uKit Explore編程軟 件]V1.0)	Our Company	PRC	2019SR0260083	2019.03.19

No.	Copyright	Copyright owner	Place of registration	Registration number	Date of registration (yyyy.mm.dd)
10.	ROSA Android Robot Operating System Software V1.0 (ROSA Android機器人操作系統 軟件V1.0)	UBTECH Software	PRC	2019SR0261229	2019.03.19
11.	Distributed Image Server Software [Abbreviation: Image Server Software] V1.0 (分佈式圖片服務器 軟件[簡稱:圖片服務器軟 件]V1.0)	Our Company	PRC	2019SR1138213	2019.11.11
12.	Cloud Platform Smart Map Software [Abbreviation: Smart Map Software] V1.0 (雲平台智能地圖軟 件[簡稱:智能地圖軟 件]V1.0)	Our Company	PRC	2019SR1179316	2019.11.20
13.	USLAM Mobile terminal control software [Abbreviation: USLAM] V1.0.0 (USLAM移動端 控制軟件[簡稱: USLAM]V1.0.0)	Our Company	PRC	2019SR1196027	2019.11.23
14.	Walker High Torque Servo Embedded Software V1.0 (Walker大扭矩舵機 嵌入式軟件V1.0)	Our Company	PRC	2019SR1205132	2019.11.25
15.	uKit EDU Android Mobile Teaching Software [Abbreviation: uKit EDU] V1.6.0 (uKit EDU Android移動端教學軟件 [簡稱:uKit EDU]V1.6.0)	UBTECH Software	PRC	2019SR1318579	2019.12.09
16.	Online Voice Changer Software V1.0 (在線語 音轉換軟件V1.0)	UBTECH Software	PRC	2020SR0463251	2020.05.18
17.	ROSA Robot Remote Diagnosis Software V1.0 (ROSA機器人遠程診斷 軟件V1.0)	UBTECH Software	PRC	2020SR0499064	2020.05.22
18.	ROSA Linux Robot Operating System Software V1.0 (ROSA Linux機器人操作系統軟 件V1.0)	Our Company	PRC	2020SR0780300	2020.07.16
19.	ROSA Python Robot Application Framework Software V1.0 (ROSA Python 機器人應用框架 軟件 V1.0)	Our Company	PRC	2020SR0776086	2020.07.15

No.	Copyright	Copyright owner	Place of registration	Registration number	Date of registration (yyyy.mm.dd)
20.	Smart Wellness and Elderly Care Operation Software V1.0 (智慧康 養養老運營軟件V1.0)	UBTECH Software	PRC	2023SR0058346	2022.07.31
21.	USLAM Wheeled Robot Positioning and Navigation Software V1.0 (USLAM輪式機器 人定位導航軟件V1.0)	Our Company	PRC	2020SR1002349	2020.08.28
22.	AIMBOT Robot Application Software [Abbreviation: AIMBOT] V1.0 (AIMBOT機器人應用軟 件[簡稱:AIMBOT]V1.0)	Our Company	PRC	2020SR0425024	2020.05.09
23.	UBTECH Artificial Intelligence Teaching Experiment Platform [Abbreviation: AI Teaching Management Platform] V1.0.0 (優必 選人工智慧教學實驗平台 [簡稱:AI教學管理平台] V1.0.0)	Our Company	PRC	2021SR0187150	2021.02.03
24.	ADIBOT robot application software [Abbreviation: ADIBOT] V1.0.0 (ADIBOT機器人應用軟 件[簡稱:ADIBOT] V1.0.0)	Our Company	PRC	2021SR1139170	2021.08.03
25.	UBTech AI Smart Education Platform V1.1 (優必選AI智慧教育平台 V1.1)	Our Company	PRC	2021SR2074096	2021.12.17
26.	uCode Visual Programming Teaching Software [Abbreviation: uCode] V1.0 (優編程 uCode視覺化程式設計教 學軟件 [簡稱:優編程 uCode] V1.0)	Our Company	PRC	2021SR1806776	2021.11.19
27.	uPython Interactive Programming Teaching Software [Abbreviation: uPython] V1.1.7 (uPython交互式編程教學 軟件[簡稱: uPython]V1.1.7)	Our Company	PRC	2022SR0067628	2022.01.11

STATUTORY AND GENERAL INFORMATION

No.	Copyright	Copyright owner	Place of registration	Registration number	Date of registration (yyyy.mm.dd)
28.	Transland Event System [Abbreviation: Event System] V1.6 (Transland 賽事系統[簡稱:賽事系 統]V1.6)	Our Company	PRC	2022SR0422113	2022.04.01
29.	ADIBOT navigation robot application software [Abbreviation: ADIBOT-A] V1.3.9 (ADIBOT導航版機器人 應用軟件[簡稱: ADIBOT-A]V1.3.9)	Shenzhen Youbixing Technology Co., Ltd.* (深圳市優 必行科技有限公 司) ("Shenzhen Youbixing")	PRC	2022SR0477492	2022.04.15
30.	UBTECH robot management platform [Abbreviation: URMS] V1.0 (UBTECH機器人管 理平台[簡稱:URMS] V1.0)	Shenzhen Youbixing	PRC	2022SR0907263	2022.07.07

(c) Patents

As of April 30, 2023, our Group had more than 1,750 robotic and AI-related patents. As at the Latest Practicable Date, we had registered the following patents which we consider to be or may be material to our business:

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
1	Face detection and tracking method, robot head rotation control method and robot (人臉檢測跟蹤 方法及機器人頭部轉動控 制方法和機器人)	Our Company	Invention	PRC	ZL201610539480.8	2016.07.08
2	Face detection and tracking method and device, robot head rotation control method and system (人臉 檢測跟蹤方法及裝置、機 器人頭部轉動控制方法及 系統)	Our Company	Invention	PRC	ZL201610619340.1	2016.07.29
3	A servo motor and its control method (一種伺服電機及 其控制方法)	Our Company	Invention	PRC	ZL201610615912.9	2016.07.30
4	Servo (舵機)	Our Company	Invention	PRC	ZL201610665976.X	2016.08.12
5	Power-failure anti-drop method and device for robot and power-failure anti-fall robot (機器人掉電 防摔方法和裝置及掉電防 摔機器人)	Our Company	Invention	PRC	ZL201611266119.9	2016.12.31

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
6	Alignment method for robot recharging, robot, system and storage medium (機器 人回充的對準方法及機器 人、系統和存儲介質)	Our Company, Shenzhen Youbixing	Invention	PRC	ZL201710502200.0	2017.06.27
7	Face data processing method, device and equipment (人 臉數據處理方法、裝置及 設備)	Our Company	Invention	PRC	ZL201711417296.7	2017.12.25
8	Image processing method, device and terminal equipment (一種圖像處理 的方法、裝置及終端設備)	Our Company, Shenzhen Youbixing	Invention	PRC	ZL201711417358.4	2017.12.25
9	A positioning method, device and equipment based on a base station (一種基於基站 的定位方法、裝置及設備)	Our Company	Invention	PRC	ZL201711421382.5	2017.12.25
10	A biped robot and its equivalent trajectory generation method and device (一種雙足機器人及 其等效軌跡生成方法和裝 置)	Our Company	Invention	PRC	ZL201711423256.3	2017.12.25
11	A grasping control method, device and robot based on visual servo (一種基於視 覺伺服的抓取控制方法、 裝置和機器人)	Our Company	Invention	PRC	ZL201711431821.0	2017.12.26
12	Positioning method and terminal equipment (定位 方法及終端設備)	Our Company	Invention	PRC	ZL201711436701.X	2017.12.26
13	A robot and its map autonomous exploration method and device (一種 機器人及其地圖自主探索 方法和裝置)	Our Company	Invention	PRC	ZL201711449310.1	2017.12.27
14	A robot pose recognition method and robot (一種機 器人位姿的識別方法及其 機器人)	Our Company	Invention	PRC	ZL201711449568.1	2017.12.27
15	Scene analysis method, robot and storage device based on binocular vision (基於 雙目視覺的場景解析方 法、機器人及存儲裝置)	Our Company, Shenzhen Youbixing	Invention	PRC	ZL201711468458.X	2017.12.27
16	A robot target tracking method, robot and storage medium (一種機器人的目 標跟蹤方法、機器人及存 儲介質)	Our Company	Invention	PRC	ZL201711468568.6	2017.12.27

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
17	Robot motion path planning method, device, storage medium and terminal equipment (機器人運動路 徑規劃方法、裝置、存儲 介質及終端設備)	Our Company	Invention	PRC	ZL201711462962.9	2017.12.28
18	A wake-up method for electronic equipment, storage medium and robot (一種電子設備的喚醒方 法、存儲介質及機器人)	Our Company	Invention	PRC	ZL201711472911.4	2017.12.28
19	A robot charging method, device and robot (一種機 器人充電方法、裝置及機 器人)	Our Company	Invention	PRC	ZL201711459459.8	2017.12.28
20	Gait control method of biped robot, device, terminal equipment and medium (雙足機器人的步態控制方 法、裝置、終端設備及介 質)	Our Company	Invention	PRC	ZL201711471845.9	2017.12.29
21	A head and shoulder detection method, electronic equipment and device with storage function (一種頭肩檢測 方 法、電子設備及具有存 儲 功能的裝置)	Our Company	Invention	PRC	ZL201711498381.0	2017.12.29
22	Method and device for human body detection based on embedded system (基於嵌 入式系統的人體檢測的方 法以及裝置)	Our Company	Invention	PRC	ZL201711498652.2	2017.12.29
23	A robot motion path planning method, robot and storage medium (一種機器人運動 路徑規劃方法、機器人及 存儲介質)	Our Company	Invention	PRC	ZL201711498653.7	2017.12.29
24	Active interactive robot, system, method and storage device (一種主動 交互的機器人、系統、方 法及存儲裝置)	Our Company	Invention	PRC	ZL201711498760.X	2017.12.29
25		Our Company	Invention	PRC	ZL201810045622.4	2018.01.17

<u>No.</u>	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
26	Motion control method for a robot, device and robot (一種機器人的運動控制 方 法、裝置及機器人)	Our Company	Invention	PRC	ZL201810401936.3	2018.04.28
27	Method for acquiring direction angle of moving target and terminal equipment (運動目標方向 角獲取方法及終端設備)	Our Company	Invention	PRC	ZL201810595287.5	2018.06.11
28	Method, device and storage device for robot relocation (機器人重定位的方法、裝 置以及存儲裝置)	Our Company	Invention	PRC	ZL201810689594.X	2018.06.28
29	Robot positioning method, device and storage device (機器人定位方法、裝置以 及存儲裝置)	Our Company	Invention	PRC	ZL201810691846.2	2018.06.28
30	A robot interaction method, robot and device with storage function (一種機器 人的交互方法、機器人及 具有存儲功能的裝置)	Our Company	Invention	PRC	ZL201810713466.4	2018.06.29
31	A robot control method, robot and storage medium (一種 機器人控制方法、機器人 及計算機存儲介質)	Our Company	Invention	PRC	ZL201810714797.X	2018.06.29
32	A robot and its navigation and positioning method and device (一種機器人及 其導航定位方法和裝置)	Our Company, Shenzhen Youbixing	Invention	PRC	ZL201810828741.7	2018.07.25
33	A monocular vision target positioning pattern, method, device and equipment (一種單目視覺 的目標定位的圖案、方 法、裝置及設備)	Our Company	Invention	PRC	ZL201810864207.1	2018.08.01
34	Robot control method, device and equipment (機器人控 制方法、裝置及設備)	Our Company	Invention	PRC	ZL201810942781.4	2018.08.17
35	Robot interaction method, robot and device with storage function (機器人交 互方法、機器人及具有存 儲功能的裝置)	Our Company	Invention	PRC	ZL201811101090.8	2018.09.20
36	Vision-assisted distance SLAM method and device, robot (視覺輔助的距離 SLAM方法及裝置、機器 人)	Our Company	Invention	PRC	ZL201811203021.8	2018.10.16

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
37	Robot and its finger transmission structure (機 器人及其手指傳動結構)	Our Company	Invention	PRC	ZL201811289986.3	2018.10.31
38	Servo and robot (舵機及機器 人)	Our Company	Invention	PRC	ZL201811291334.3	2018.10.31
39	Servo and robot (舵機及機器 人)	Our Company	Invention	PRC	ZL201811291351.7	2018.10.31
40	Robot and its finger transmission structure (機 器人及其手指傳動結構)	Our Company	Invention	PRC	ZL201811291574.3	2018.10.31
41	A robot and its voice interaction system (一種機 器人及其語音交互系統)	Our Company	Invention	PRC	ZL201811441703.2	2018.11.29
42	Positioning method and terminal equipment (定位 方法及終端設備)	Our Company	Invention	PRC	ZL201811553517.8	2018.12.19
43	Method, device and robot for position calibration of UWB positioning equipment (一種UWB定位 設備的位置標定方法、裝 置及機器人)	Our Company	Invention	PRC	ZL201811583456.X	2018.12.24
44	Robot, robot decision-making method and terminal equipment (機器人、機器 人的決策方法及終端設備)	Our Company	Invention	PRC	ZL201811626694.4	2018.12.28
45	A biped robot gait control method and biped robot (一種雙足機器人步態控制 方法以及雙足機器人)	Our Company	Invention	PRC	ZL201811629463.9	2018.12.28
46	Relocation method and device, robot (重定位方法 及裝置、機器人)	Our Company	Invention	PRC	ZL201811635479.0	2018.12.29
47	Finger servo and dexterous hand (手指舵機及靈巧手)	Our Company	Invention	PRC	ZL201811636415.2	2018.12.29
48	Electrode contact structure and robot charging pile (電極觸點結構及機器人充 電樁)	Our Company	Invention	PRC	ZL201811640547.2	2018.12.29
49	Robot and its fingers (機器人 及其手指)	Our Company	Invention	PRC	ZL201811640948.8	2018.12.29
50	Pull line adjustment mechanism and fingers (牽 引線調節機構及手指)	Our Company	Invention	PRC	ZL201811642999.4	2018.12.29
51	Method and device for detecting rotation angle (轉動角度的檢測方法及裝 置)	Our Company	Invention	PRC	ZL201811654660.6	2018.12.29

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
52	Relocation method and device, robot (重定位方法 及裝置、機器人)	Our Company	Invention	PRC	ZL201910085267.8	2019.01.29
53	A motion control method, a motion control device, and a mechanical arm (一種運 動控制方法、運動控制裝 置及機械臂)	Our Company	Invention	PRC	ZL201910208948.9	2019.03.19
54	Biped robot deviation warning method, device and biped robot (一種雙足 機器人的偏移預警方法、 裝置及雙足機器人)	Our Company	Invention	PRC	ZL201910355320.1	2019.04.29
55	Robot inspection method, device, readable storage medium and robot (機器人 巡檢方法、裝置、計算機 可讀存儲介質及機器人)	Our Company	Invention	PRC	ZL201910622871.X	2019.07.11
56	Joint structure and robot (關 節結構及機器人)	Our Company	Invention	PRC	ZL201980064068.7	2019.09.30
57	A robot and its positioning method and device (一種 機器人及其定位方法和裝 置)	Our Company Invention PRC	Invention	PRC	ZL201911051039.5	2019.10.31
58	Human arm motion imitation method, device, terminal equipment and storage medium (人體手臂動作模 仿方法、裝置、終端設備 及存儲介質)	Our Company	Invention	PRC	ZL201911134999.8	2019.11.19
59	Foot-waist coordination gait planning method for robot, device, medium and robot (機器人的足腰協調步態規 劃方法、裝置、介質及機 器人)	Our Company	Invention	PRC	ZL201911188547.8	2019.11.28
60	Robot climbing stairs control method, device, storage medium and robot (機器人 的爬樓控制方法、裝置、 存儲介質和機器人)	Our Company	Invention	PRC	ZL201911198984.8	2019.11.29
61	An action imitation method, device, readable storage medium and robot (一種動 作模仿方法、裝置、計算 機可讀存儲介質及機器人)	Our Company	Invention	PRC	ZL201911227303.6	2019.12.04
62	A method and device for obtaining inspection points (一種獲取巡檢點的方法及 裝置)	Our Company	Invention	PRC	ZL201911257348.8	2019.12.10

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
63	A load balancing method, load balancing system and registration server (一種負 載均衡方法、負載均衡系 統及註冊伺服器)	Our Company	Invention	PRC	ZL201911268483.2	2019.12.11
64	Robot control method, device, readable storage medium and robot (機器人 控制方法、裝置、計算機 可讀存儲介質及機器人)	Our Company	Invention	PRC	ZL201911279287.5	2019.12.13
65	A robot balance control method, device, readable storage medium and robot (一種機器人平衡控 制方 法、裝置、可讀存儲介質 及機器人)	Our Company	Invention	PRC	ZL201911279537.5	2019.12.13
66	Robot control method, device, readable storage medium and robot (機器人 控制方法、裝置、計算 機 可讀存儲介質及機器人)	Our Company	Invention	PRC	ZL201911279545.X	2019.12.13
67	An application control method and robot (一種應 用的控制方法及機器人)	Our Company	Invention	PRC	ZL201911302660.4	2019.12.17
68	Method and device for controlling a robot (一種 控制機器人的方法及裝置)	Our Company	Invention	PRC	ZL201911328353.3	2019.12.20
69	A navigation map update method, device, readable storage medium and robot (一種導航地圖更新方法、 裝置、可讀存儲介質及機 器人)	Our Company, Shenzhen Youbixing	Invention	PRC	ZL201911330291.X	2019.12.20
70	Robotic arm control method, robotic arm control device, and terminal equipment (機械臂控制方法、機械臂 控制裝置及終端設備)	Our Company	Invention	PRC	ZL201911330302.4	2019.12.20
71	A robot pose estimation method, device, readable storage medium and robot (一種機器人位姿估計方 法、裝置、可讀存儲介質 及機器人)	Our Company	Invention	PRC	ZL201911340211.9	2019.12.23
72	A robot motion control method, device, readable storage medium and robot (一種機器人運動控制方 法、裝置、可讀存儲介質 及機器人)	Our Company	Invention	PRC	ZL201911344527.5	2019.12.24

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
73	Method, device, system and intelligent terminal for synchronous playback of multiple intelligent terminals (多智能終端同步 播放的方法、裝置、系統 及智慧終端)	Our Company	Invention	PRC	ZL201911366614.0	2019.12.26
74	Positioning method for a mobile robot, positioning device and mobile robot (一種移動機器人的定位方 法、定位裝置及移動機器 人)	Our Company, Shenzhen Youbixing	Invention	PRC	ZL201911372349.7	2019.12.27
75	A brushless motor and a method for detecting the rotor position of the motor (一種無刷電機及電機轉子 位置的檢測方法)	Our Company	Invention	PRC	ZL201911390155.X	2019.12.30
76	Servo and robot (舵機及機器 人)	Our Company	Invention	PRC	ZL201911395980.9	2019.12.30
77	A camera method and device based on Raspberry Pi (一 種基於樹莓派的拍照方法 及裝置)	UBTECH Software	Invention	PRC	ZL201911396727.5	2019.12.30
78	Hip joint structure and humanoid robot (髖關節結 構及類人形機器人)	Our Company	Invention	PRC	ZL201911397803.4	2019.12.30
79	An action imitation method, device, terminal and storage medium (一種動作 模仿方法、裝置、終端及 計算機存儲介質)	Our Company	Invention	PRC	ZL201911397998.2	2019.12.30
80	Method and device for adjusting spatial position of mechanical arm, mechanical arm and storage medium (機械臂空 間位置調整方法、裝置、 機械臂及存儲介質)	Our Company	Invention	PRC	ZL201911398775.8	2019.12.30
81	Robot walking control method, device, robot and readable storage medium (機器人的行走控制方法、 裝置、機器人和可讀存儲 介質)	Our Company	Invention	PRC	ZL201911399923.8	2019.12.30
82		Our Company	Invention	PRC	ZL201911403020.2	2019.12.30

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
83	Robotic arm control method, robotic arm control device, and terminal equipment (機械臂控制方法、機械臂 控制裝置及終端設備)	Our Company	Invention	PRC	ZL201911401000.1	2019.12.30
84		Our Company	Invention	PRC	ZL201911419446.7	2019.12.31
85	A mobile device and its positioning method and device (一種移動設備及其 定位方法和裝置)	Our Company	Invention	PRC	ZL201911423598.4	2019.12.31
86	Map optimization method, device and robot (地圖優 化方法、裝置及機器人)	Our Company, Shenzhen Youbixing	Invention	PRC	ZL202010112029.4	2020.02.24
87	Gait planning method, device, readable storage medium and robot for dynamic obstacle avoidance (動態 避障的步態規劃方法、裝 置、可讀存儲介質及機器 人)	Our Company	Invention	PRC	ZL202010330688.5	2020.04.24
88	Locking mechanism, knuckle structure and robot (鎖緊 機構、指節結構及機器人)	Our Company	Invention	PRC	ZL202010355924.9	2020.04.29
89	Force-torque sensor output compensation method, device and storage medium (力-力矩傳感器輸 出補償方法、裝置及存儲 介質)	Our Company	Invention	PRC	ZL202010421664.0	2020.05.18
90	Finger structure and robot (手 指結構及機器人)	Our Company	Invention	PRC	ZL202010454832.6	2020.05.26
91	Joint energy storage ancillary structure, robot joint structure and robot (關節 儲能助力機構、機器人關 節結構及機器人)	Our Company	Invention	PRC	ZL202010455925.0	2020.05.26
92	Finger structure and robot (手 指結構及機器人)	Our Company	Invention	PRC	ZL202010455928.4	2020.05.26
93	Joint energy storage ancillary structure, robot joint structure and robot (關節 儲能助力機構、機器人關 節結構及機器人)	Our Company	Invention	PRC	ZL202010455958.5	2020.05.26
94	Direct force feedback control method, device, controller and robot (直接力反饋控 制方法、裝置、控制器和 機器人)	Our Company	Invention	PRC	202010538326.5	2020.06.12

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
95	Multi-leg robot joint control method, device and multi- leg robot (多足機器人關節 控制方法、裝置和多足機 器人)	Our Company	Invention	PRC	ZL202010540353.6	2020.06.15
96	Hollow robotic arm (中空機 械臂)	UBKang (Qingdao) Technology Co., Ltd.* (優必康(青 島)科技有 限公司) ("UBKang")	Invention	PRC	ZL202010589449.1	2020.06.24
97	Servo module and robotic arm (舵機模組及機械臂)	UBKang	Invention	PRC	ZL202010589625.1	2020.06.24
98	Rotary arm structure and mechanical arm (轉動臂結 構及機械臂)	UBKang	Invention	PRC	ZL202010590429.6	2020.06.24
99	A processing method and processing system based on multi-output shaft steering gear (一種基於多 輸出軸舵機的處理方法及 處理系統)	Our Company	Invention	PRC	ZL202010591285.6	2020.06.24
100	A robot map update method, device, readable storage medium and robot (一種 機器人地圖更新方法、裝 置、可讀存儲介質及機器 人)	Our Company	Invention	PRC	ZL202010604039.X	2020.06.29
101	Robotic arm and its three- dimensional reconstruction method and device (機械 臂及其 三維重建方法和裝 置)	Our Company	Invention	PRC	ZL202010647900.0	2020.07.07
102	Hierarchy of tasks control method, device, robot and readable storage medium (任務分層控制方 法、裝 置、機器人和可讀 存儲介 質)	Our Company	Invention	PRC	ZL202010649070.5	2020.07.08
103	Impedance control method, device, impedance controller and robot (阻抗 控制方法、裝置、阻抗 控 制器和機器人)	Our Company	Invention	PRC	ZL202010650259.6	2020.07.08

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
104	Redundant robot inverse kinematics solution method, device and redundant robot (冗餘機 器人逆運動學求解方法、 裝置和冗餘機器人)	Our Company	Invention	PRC	ZL202010659812.2	2020.07.10
105	Floating base dynamics feed- forward control method, device and multi-legged robot (浮動 基動力學前饋 控制方法、 裝置和多足機 器人)	Our Company	Invention	PRC	ZL202010671790.1	2020.07.14
106	A method and device for synchronous control of robots (一種機器人同步控 制方法及裝置)	Our Company	Invention	PRC	ZL202010672875.1	2020-07-14
107	Black body alignment method, device, robot and readable storage medium (黑體對準方法、 裝置、機 器人及計算機可 讀存儲介 質)	Our Company	Invention	PRC	ZL202010703865.X	2020-07-21
108	Control method, device, terminal equipment and storage medium of brushless DC motor (無 刷 直流電機的控制方法、 裝 置、終端設備和存儲介 質)	Our Company	Invention	PRC	ZL202010704339.5	2020-07-21
109	Robot control method, device, readable storage medium and robot (機器 人控制方法、裝置、計算 機可讀存儲介質及機器人)	Our Company	Invention	PRC	ZL202010736468.2	2020-07-28
110	Robot and its collision detection method and device (機器人及其碰撞 檢 測方法和裝置)	Our Company	Invention	PRC	ZL202010752413.0	2020-07-30
111	Multi-system timing method, device, equipment and medium (多系統校時方 法、裝置、設備及介質)	Our Company	Invention	PRC	ZL202010760046.9	2020-07-31
112	A three-dimensional reconstruction method, device and terminal equipment (一種三維重建 方法、裝置及終端設備)	Our Company	Invention	PRC	ZL202010766571.1	2020-08-03

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
113	A robot pose control method, device, readable storage medium and robot (一種機 器人姿態控 制方法、裝 置、可讀存儲 介質及機器 人)	Our Company	Invention	PRC	ZL202010773743.8	2020-08-04
114	A gait planning method, device, readable storage medium and robot (一種 步態規劃方法、裝置、計 算機可讀存儲介質及機器 人)	Our Company	Invention	PRC	ZL202010773787.0	2020-08-04
115	Image processing method, device, system, electronic equipment and readable storage medium (圖像處 理方法、裝置、系統、電 子設備及可讀存儲介質)	Our Company	Invention	PRC	ZL202010775325.2	2020-08-05
116	A face recognition method, face recognition device and electronic equipment (一種人臉識別方法、人臉 識別裝置及電子設備)	Our Company	Invention	PRC	ZL202010776692.4	2020-08-05
117	Balance control method, device, humanoid robot and readable storage medium (平衡控制方法、 裝置、仿人機器人及可讀 存儲介質)	Our Company	Invention	PRC	ZL202010781984.7	2020-08-06
118	Robot and its map construction method and device (機器人及其地圖 構 建方法和裝置)	Our Company	Invention	PRC	ZL202010843669.2	2020-08-20
119	An obstacle avoidance method, device, mechanical arm and storage medium (一種避 障方法、裝置、機械臂及 存儲介質)	Our Company	Invention	PRC	ZL202010862102.X	2020-08-25
120	Robot pose estimation method, device, humanoid robot and storage medium (機器人 位姿估計方法、裝 置、仿 人機器人及存儲介 質)	Our Company	Invention	PRC	ZL202010862104.9	2020-08-25
121	A robot footprint planning method, device, readable storage medium and robot (一種機器人足跡規 劃方 法、裝置、可讀存儲 介質 及機器人)	Our Company	Invention	PRC	ZL202010887219.3	2020-08-28

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
122	Method, device, equipment and storage medium for determining stability of camera shooting parameters (相機拍攝參 數 穩定性確定方法、裝 置、 設備及存儲介質)	Our Company	Invention	PRC	ZL202010901148.8	2020-08-31
123	Chassis motor control method, chassis motor control device, robot and medium (底盤電機控制方 法、底盤電機控制裝置、 機器人及介質)	Our Company	Invention	PRC	ZL202010916385.1	2020-09-03
124 125	Biped robot (雙足機器人) Joint energy storage ancillary structure, robot joint structure and robot (關節 儲能助力機構、機 器人關 節結構及機器人)	Our Company Our Company	Invention Invention	PRC PRC	ZL202011055219.3 ZL202011196318.3	2020-09-29 2020-10-30
126	Joint energy storage ancillary structure, robot joint structure and robot (關節 儲能助力機構、機 器人關 節結構及機器人)	Our Company	Invention	PRC	ZL202011196334.2	2020-10-30
127	Hip structure and humanoid robot (髖部結構及仿人機 器人)	Our Company	Invention	PRC	ZL202011196728.8	2020-10-30
128	A mapping method, device, readable storage medium, and robot (一種建圖方 法、裝置、計算機可讀存 儲介質及機器人)	Our Company	Invention	PRC	ZL202011232065.0	2020-11-06
129	Gait correction method, device and equipment for biped robot (雙足機器人 的步態糾偏方法、裝置和 計算機設備)	Our Company	Invention	PRC	ZL202011284461.8	2020-11-17
130	Method, device, robot and storage medium for determining robot pose (機 器人位姿的確定方 法、裝 置、機器人及存儲 介質)	Our Company	Invention	PRC	ZL202011287700.5	2020-11-17
131	Method, device, readable storage medium and robot for passing narrow passage (機器人通過窄道 的方法、 裝置、可讀存儲 介質及機 器人)	Our Company	Invention	PRC	ZL202011330842.5	2020.11.24

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
132	Robot motion planning method, device, mobile robot and storage medium (機器人運動規劃 方法、裝 置、可移動機器 人及存儲 介質)	Our Company	Invention	PRC	ZL202011383752.2	2020.11.30
133	Positioning method, device, electronic device and readable storage medium (定位方法、裝置、電子 設 備及可讀存儲介質)	Our Company	Invention	PRC	ZL202011413611.0	2020.12.03
134	Black body detection method, temperature measuring robot, terminal equipment and storage medium (黑體 檢測方法、測溫機器人、 終端設備及存儲介質)	Our Company	Invention	PRC	ZL202011415493.7	2020.12.07
135	Servo coding control structure and servo module (舵機編碼控制結 構及舵機 模組)	UBKang	Invention	PRC	ZL202011415562.4	2020.12.07
136	Robot control method, device, readable storage medium and robot (機器 人控制方法、裝置、計算 機可讀存儲介質及機器 人)	Our Company	Invention	PRC	ZL202011416299.0	2020.12.07
137	A model training method, model training device and intelligent equipment (一 種模型訓練方法、模 型訓 練裝置及智能設備)	Our Company	Invention	PRC	ZL202011424297.6	2020.12.08
138	Motion track planning method and device of robotic arm, robotic arm and storage medium (機 械臂的運動軌跡規劃方法 及裝置、機械臂及存儲介 質)	Our Company	Invention	PRC	ZL202011435841.7	2020.12.10
139	Two-axis output servo and robot (雙軸輸出舵機及機 器人)	Our Company	Invention	PRC	ZL202011444264.8	2020.12.11
140	Robot and its method and device for scanning piles (機器人及其掃描上樁方 法 和裝置)	Our Company	Invention	PRC	ZL202011517431.7	2020.12.21
141	A robot pose control method, device and robot (一種機 器人姿態控制方 法、裝置 及機器人)	Our Company	Invention	PRC	ZL202011532454.5	2020.12.22

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
142	A robot torque control method, device, readable storage medium and robot (一種機器人力矩控制方 法、裝置、可讀存儲介質 及機器人)	Our Company	Invention	PRC	ZL202011532379.2	2020.12.22
143	robot and readable storage medium for acquiring centroid state (合質心狀態 獲取方法、 裝置、仿人機 器人和可讀 存儲介質)	Our Company	Invention	PRC	ZL202011535826.X	2020.12.23
144	A robot centroid planning method, device, readable storage medium and robot (一種機器人質心規 劃方 法、裝置、可讀存儲 介質 及機器人)	Our Company	Invention	PRC	ZL202011547544.1	2020.12.24
145	A robot condition estimation method, device, readable storage medium and robot (一種 機器人狀態估計方 法、裝 置、可讀存儲介質 及機器 人)	Our Company	Invention	PRC	ZL202011547547.5	2020.12.24
146	A control method, control device and robot (一種控 制方法、控制裝置及機器 人)	Our Company	Invention	PRC	ZL202011565456.4	2020.12.25
147	Servo module and robot (舵 機模組及機器人)	UBKang	Invention	PRC	ZL202011588807.3	2020.12.28
148	Inverse kinematics analysis method, device and equipment of mechanical arm (機械臂的逆運動學 解 析方法、裝置及設備)	UBKang	Invention	PRC	ZL202011605529.8	2020.12.29
149	Joint motion mechanism and robot (關節運動機構 及機 器人)	Our Company	Invention	PRC	ZL202011617517.7	2020.12.30
150	A humanoid robot control method, device, equipment and storage medium (一種 仿人機器人 控制方法、裝 置、計算機 設備及存儲介 質)	Our Company	Invention	PRC	ZL202011626497.X	2020.12.30
151	Monitoring method and device of ultraviolet sterilizing equipment and ultraviolet sterilizing system (紫外線殺菌設備的 監控方法、裝置及紫外線 殺菌系統)	UBKang	Invention	PRC	ZL202110143148.0	2021.02.02

<u>No.</u>	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
152	Human-machine cooperative control method, device and robot (機器人的人機 協作控制方法、裝置和機 器人)	Our Company	Invention	PRC	ZL202110179249.3	2021.02.07
153	A robot trajectory planning method, device, readable storage medium and robot (一種機器人軌跡規 劃方 法、裝置、可讀存儲 介質 及機器人)	Our Company	Invention	PRC	ZL202110194548.4	2021.02.21
154	Robot swing leg landing detection method, device and robot (機器人擺動腿 落地檢測方法、裝置和機 器人)	Our Company	Invention	PRC	ZL202110209706.9	2021.02.24
155	A torque control method, device, terminal equipment and storage medium (一種 力矩控制方法、裝置、終 端設備及存儲介質)	Our Company	Invention	PRC	ZL202110206469.0	2021.02.24
156	Decoupling control method and device for humanoid robot and humanoid robot (仿人機器人的解耦控制方 法、裝置和仿人機器人)	Our Company	Invention	PRC	ZL202110209690.1	2021.02.24
157		Our Company	Invention	PRC	ZL202110247296.7	2021.03.05
158	Connecting rod structure, robot fingers and robot (連 桿結構、機器人手指 及機 器人)	Our Company	Invention	PRC	ZL202110261846.0	2021.03.10
159	A method for inverse solution of arm angle interval of a mechanical arm, device and terminal equipment (一種機械臂的 臂角區間的 逆解方法、裝 置及終端設 備)	Our Company	Invention	PRC	ZL202110290519.8	2021.03.18
160	A robot calibration method, device, robot and storage medium (一種機器人標定 方法、裝置、機器人及存 儲介質)	Our Company	Invention	PRC	ZL202110296720.7	2021.03.19

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
161	A method, device, readable storage medium and robotic arm for motion planning of a robotic arm (一種機械臂運動規劃方 法、裝置、可讀存儲介質 及機械臂)	Our Company	Invention	PRC	ZL202110301126.2	2021.03.22
162	A robot control method, controller, robot and control system (一種機器 人的控制方法、控制器、 機器人及控制系統)	Our Company	Invention	PRC	ZL202110302928.5	2021.03.22
163	A control method, control system and intelligent device (一種控制方法、 控 制系統及智慧設備)	Our Company	Invention	PRC	ZL202110327255.9	2021.03.26
164	Finger structure and robot (手 指結構及機器人)	Our Company	Invention	PRC	ZL202110330583.4	2021.03.26
165	Robot forward kinematics solution method, device, readable storage medium and robot (機器人正運動 學求解方法、裝置、可讀 存儲介質及機器人)	Our Company	Invention	PRC	ZL202110334669.4	2021.03.29
166	A robot control method, device and robot (一種機 器人的控制方法、裝置及 機器人)	Our Company	Invention	PRC	ZL202110343464.2	2021.03.30
167	Motion control method, device, robot control device and readable storage medium (運動控 制方法、裝置、機器人控 制設備及可讀存儲介質)	Our Company	Invention	PRC	ZL202110349082.0	2021.03.31
168	Robot motion control method, device and robot (機器人 運動控制方法、裝置和機 器人)	Our Company	Invention	PRC	ZL202110360660.0	2021.04.02
169	Robot control method, device, computer readable storage medium and robot (機器人控制方法、裝置、 電腦可讀存儲介質及機器 人)	Our Company	Invention	PRC	ZL202110479498.4	2021.04.30
170	Centroid pose estimation method, device, readable storage medium, and robot (質心位姿估計方 法、裝 置、計算機可讀存 儲介質 及機器人)	Our Company	Invention	PRC	ZL202110479942.2	2021.04.30

<u>No.</u>	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
171	A robot autonomous operation method, device, robot and storage medium (一種機器人自主 作業方 法、裝置、機器人 及存儲 介質)	Our Company	Invention	PRC	ZL202110571634.2	2021.05.25
172	Massage motion control method, device, robot control device and storage medium (按摩運 動控制方 法、裝置、機器 人控制設 備及存儲介質)	Our Company	Invention	PRC	ZL202110577585.3	2021.05.26
173	Robot's admittance control method, admittance control system and robot (機器人的導納控制方法、 導納控制系統和機器人)	Our Company	Invention	PRC	ZL202110578796.9	2021.05.26
174	Robot balance control method, device, robot control device and storage medium (機器人 平衡控制 方法、裝置、機 器人控制 設備及存儲介 質)	Our Company	Invention	PRC	ZL202110579167.8	2021.05.26
175	Humanoid robot balance control method, device and humanoid robot (仿人 機器人平衡控制方法、 裝 置和仿人機器人)	Our Company	Invention	PRC	ZL202110592574.2	2021.05.28
176	Automatic calibration alignment system and method (自動標定對位系 統及方法)	Our Company	Invention	PRC	ZL202110601327.4	2021.05.31
177	Visual positioning method, device and equipment (視 覺定位方法、裝置和 計算 機設備)	Our Company	Invention	PRC	ZL202110618509.2	2021.06.03
178		Our Company	Invention	PRC	ZL202110634737.9	2021.06.08
179	· · · · · · · · · · · · · · · · · · ·	Our Company	Invention	PRC	ZL202110640635.8	2021.06.09

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
180	storage medium for determining robot pose (機 器人位姿的確定方 法、裝 置、機器人及存儲 介質)	Our Company	Invention	PRC	ZL202110709447.6	2021.06.25
181	A robot motion analysis method, device, readable storage medium and robot (一種機器人運動分 析方 法、裝置、可讀存儲 介質 及機器人)	Our Company	Invention	PRC	ZL202110818134.4	2021.07.20
182	Robot foot end collision stability control method, device and footed robot (機器人足端碰撞穩定控 制 方法、裝置和足式機器 人)	Our Company	Invention	PRC	ZL202110846375.X	2021.07.26
183	A method for determining configuration information of robot joints, device and terminal equipment (一種 機器人關節的配置 信息的 確定方法、裝置及 終端設 備)	Our Company	Invention	PRC	ZL202110937653.2	2021.08.16
184		Our Company	Invention	PRC	ZL202110975114.8	2021.08.24
185		Our Company	Invention	PRC	ZL202110975302.0	2021.08.24
186	Robot joint pose optimization method, robot control method and robot (機器人 關節位姿優 化方法、機器 人控制方法 和機器人)	Our Company	Invention	PRC	ZL202110976981.3	2021.08.24
187	A robot obstacle avoidance method, device and robot (一種機 器人避障方法、裝 置和機器人)	Our Company	Invention	PRC	ZL202110977027.6	2021.08.24
188	Two-armed robot control method, device, two-armed robot and readable storage medium (雙臂機器人控制 方法、裝置、雙臂機器人 和可讀存儲介質)	Our Company	Invention	PRC	ZL202110982414.9	2021.08.25

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
189	Two-legged machine walking control method, device and equipment (雙足機器 人步態控制方 法、裝置和 計算機設備)	Our Company	Invention	PRC	ZL202111023763.4	2021.09.02
190	Control method for cooperative transportation by robot, device and equipment (機器人協同搬 運的控制 方法、裝置和計 算機設 備)	Our Company	Invention	PRC	ZL202111054669.5	2021.09.09
191	Throwing trajectory planning method for redundant arm of humanoid robot, device and medium (仿人機器人 的冗餘手臂的抛投軌跡規 劃方法、裝置及介質)	Our Company	Invention	PRC	ZL202111082022.3	2021.09.15
192	, · · · · · · · · · · · · · · · · · · ·	Our Company	Invention	PRC	ZL202111133210.4	2021.09.27
193	Robot control method, device, robot and readable storage medium (機器人控 制方法、裝置、機器人和 可讀存儲介 質)	Our Company	Invention	PRC	ZL202111137896.4	2021.09.27
194	Robot control method, device, robot and storage medium (機器人控制方 法、裝置、機器人及存儲 介質)	Our Company	Invention	PRC	ZL202111163727.8	2021.09.30
195	Control method, device, equipment and medium of humanoid robot joint (仿 人機器人關節的控制 方 法、裝置、設備及介 質)	Our Company	Invention	PRC	ZL202111297037.1	2021.11.04
196	3D pose estimation method, device, computer equipment and storage medium (3D姿態估計方 法、裝置和計算機設備及 存儲介質)	Our Company	Invention	PRC	ZL202111427804.6	2021.11.29
197	Bounce motion control method and device of biped robot and biped robot (雙足機器人的彈跳 運動控制方法、裝置及雙 足機器人)	Our Company	Invention	PRC	ZL202111528491.3	2021.12.14

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
198	A robot control method, device, terminal device and storage medium (一種 機器人控制方法、裝置、 終端設備及存儲介質)	Our Company	Invention	PRC	ZL202111632915.0	2021.12.28
199	Mechanical arm gripping control method, device, robot and readable storage medium (機械臂夾持控制 方法、裝置、機器人和可 讀存儲介質)	Our Company	Invention	PRC	ZL202111443726.9	2021.11.30
200	A robot balance control method, device, readable storage medium and robot (一種機器人平衡控制方 法、裝置、可讀存儲介質 及機器人)	Our Company	Invention	PRC	ZL202111221807.4	2021.10.20
201	Robot control method, device, computer readable storage medium and robot (機器人控制方法、裝置、 計算機可讀存儲介質及機 器人)	Our Company	Invention	PRC	ZL202111214282.1	2021.10.19
202	·	Our Company	Invention	PRC	ZL202110114619.5	2021.01.26
203	Robot mapping method, device, computer readable storage medium and robot (機器人建圖方法、裝置、 計算機可讀存儲介質及機 器人)	Our Company	Invention	PRC	ZL202011330699.X	2020.11.24
204	A robot and its climbing stairs control method and device (一種機器人及其爬 樓控制方法和裝置)	Our Company	Invention	PRC	ZL201911266155.9	2019.12.11
205	Robot navigation method, system, robot and storage medium (機器人導航方 法、系統、機器人及存儲 介質)	Our Company	Invention	PRC	ZL201911159641.0	2019.11.22
206	Robot and its integrated joints (機器人及其集成關 節)	Our Company	Invention	PRC	ZL201980064069.1	2019.09.30

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
207	method, device, readable	Our Company	Invention	PRC	ZL201910800816.5	2019.08.28
	storage medium and robot (一種機器人位姿確定方 法、裝置、可讀存儲介質 及機器人)					
208	Pedestrian detection and tracking method, apparatus, terminal device and medium (行人檢測跟 蹤方法、裝置、終端設備 及介質)	Our Company	Invention	PRC	ZL201811641863.1	2018.12.29
209	Path tracking method and terminal device (路徑跟蹤 方法及終端設備)	Our Company	Invention	PRC	ZL201811289515.2	2018.10.31
210	Servo components, robot joint structure and robot (一種 舵機組件、機器人關節結 構及機器人)	Our Company	Invention	PRC	ZL201711365286.3	2017.12.18
211	A servo of entertainment robot (一種娛樂機器人舵 機)	Our Company	Utility model	PRC	ZL201520516530.1	2015.07.15
212	Toy assembling parts (玩具搭建元件)	Our Company	Utility model	PRC	ZL201620237103.4	2016.03.24
213	Robot joint structure (機器人關節結構)	Our Company	Utility model	PRC	ZL201620505834.2	2016.05.27
214	A robot (一種機器人)	Our Company	Utility model	PRC	ZL201822240151.0	2018.12.28
215	A robot (一種機器人)	Our Company	Utility model	PRC	ZL201822241357.5	2018.12.28
216	Frame and wheelchair (車架及輪椅)	Our Company	Utility model	PRC	ZL202123300921.4	2021.12.24
217	Vibration-absorbing Wheel Assembly and Wheelchair (減振輪組件 及輪椅)	Our Company	Utility model	PRC	ZL202123340713.7	2021.12.28
218	Robot (entertainment type) (機器人(娛樂型))	Our Company	Design	PRC	ZL201330081207.2	2013.03.25
219	Robot (Alpha 1P) (機器人 (Alpha 1P))	Our Company	Design	PRC	ZL201630060838.X	2016.03.04
220	Robot (機器人)	Our Company	Design	PRC	ZL201630496683.4	2016.10.10
221	Robot (機器人)	Our Company	Design	PRC	ZL201830039956.1	2018.01.27
222	Biped robot (雙足機器人)	Our Company	Design	PRC	ZL201830630987.4	2018.11.08
223	Inspection robot (Aimbot) (巡 檢機器人(Aimbot))	Our Company	Design	PRC	ZL201930477839.8	2019.08.30
224	Biped robot (雙足機器人)	Our Company	Design	PRC	ZL202030445569.5	2020.08.07
	Disinfection robot 消殺機器人	Our Company	Design	PRC	ZL202030606503.X	2020.10.13
226	Intelligent cat litter box (T2091) (智能貓砂盆 (T2091))	Our Company	Design	PRC	ZL202130564483.9	2021.08.27

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
227	Robot (機器人)	Our Company	Design	PRC	ZL202230060640.7	2022.01.28
	Servo of entertainment robot	Our Company	Invention	United States	US9931577B2	2016-09-19
229	Servomotor and control method thereof	Our Company	Invention	United States	US10084362B2	2016-10-18
230	Robot joint structure	Our Company	Invention	United States	US10518408B2	2016-10-18
231	Robot servo capable of emitting light	Our Company	Invention	United States	US9857036B1	2016-11-10
232	Face detecting and tracking method and device and method and system for controlling rotation of robot head	Our Company	Invention	United States	US9892312B1	2016-11-10
	Face detecting and tracking method, method for controlling rotation of robot head and robot	Our Company	Invention	United States	US10275639B2	2016-11-21
	Toy assembling apparatus	Our Company	Invention	United States	US10029187B2	2016-12-25
	Robot head rotating structure	Our Company	Invention	United States	US10183403B2	2017-03-02
	Robot with rotary structure	Our Company	Invention	United States	US10307914B2	2017-03-02
237	Anti-falling robots, anti- falling method, and anti- falling device of robots during power outage	Our Company	Invention	United States	US10059393B2	2017-06-26
238	Distance measuring method of robot, robot thereof, and recharging system	Our Company	Invention	United States	US10528058B2	2017-09-29
239	Recharging alignment method of robot, and the robot thereof	Our Company	Invention	United States	US10635115B2	2017-09-30
240	Robot motion path planning method, apparatus and terminal device	Our Company	Invention	United States	US10821605B2	2018-07-02
	Servo and robot having the same		Invention	United States	US10960538B2	2018-08-09
	Image processing method and system		Invention	United States	US10447992B1	2018-08-17
	Gait control method, device, and terminal device for biped robot	Our Company	Invention	United States	US11022983B2	2018-10-28
244	Method for controlling walking of robot and robot	Our Company	Invention	United States	US11045945B2	2018-12-06
245	Servo assembly, robot joint and robot	Our Company	Invention	United States	US10500734B1	2018-12-20
246	Biped robot equivalent trajectory generating method and biped robot using the same	Our Company	Invention	United States	US11061407B2	2018-12-23

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
247	Robot, method for controlling motion of a robot and non-transitory readable medium	Our Company	Invention	United States	US11020853B2	2018-12-25
248	Finger of robotic hand and robot having the same	Our Company	Invention	United States	US10384352B1	2018-12-27
249	Chassis with wheels	Our Company	Invention	United States	US10906585B2	2018-12-27
250	Motion target direction angle obtaining method, apparatus and robot using the same	Our Company	Invention	United States	US10875178B2	2018-12-28
251	Finger of robotic hand and robot having the same	Our Company	Invention	United States	US10634225B1	2018-12-29
252	robot having the same	Our Company	Invention	United States	US10857681B2	2019-03-30
	Robotic hand	Our Company	Invention	United States	US11465298B2	2019-03-30
	Positioning method and robot using the same	Our Company	Invention	United States	US10783661B2	2019-05-20
	Relocalization method and robot using the same	Our Company	Invention	United States	US11045953B2	2019-05-31
256	Obstacle detection method and apparatus and robot using the same	Our Company	Invention	United States	US11287828B2	2019-05-31
257	Robot and audio data processing method thereof	Our Company	Invention	United States	US10827258B2	2019-06-21
258	Robot and auto data processing method thereof	Our Company	Invention	United States	US10667045B1	2019-06-21
259	and robot with the same	Our Company	Invention	United States	US11420694B2	2019-06-26
260	and apparatus	Our Company	Invention	United States	US11170528B2	2019-08-23
	Linear joint and legged robot having the same	Our Company	Invention	United States	US11485028B2	2019-09-11
262	Biped robot gait control method and biped robot	Our Company	Invention	United States	US11230001B2	2019-09-17
	Path tracking method and mobile robot using the same	Our Company	Invention	United States	US11287825B2	2019-09-20
264	Virtual rail based cruise method and apparatus and robot using the same	Our Company	Invention	United States	US11260529B2	2019-09-27
265	Localization method and robot using the same	Our Company	Invention	United States	US11474204B2	2019-12-02
266	Robot pose determination method and apparatus and robot using the same	Our Company	Invention	United States	US11498227B2	2019-12-11
267	Rotation angle detection method and device thereof	Our Company	Invention	United States	US11346648B2	2019-12-25

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
268	Sentence generation method, sentence generation apparatus, and smart device	Our Company	Invention	United States	US11501082B2	2020-01-05
269	Method for imitation of human arm by robotic arm, computer readable storage medium, and robot	Our Company	Invention	United States	US11331802B2	2020-01-05
270	Face image quality evaluating method and apparatus and computer readable storage medium using the same	Our Company	Invention	United States	US11126824B2	2020-03-01
271	Face identification method and terminal device using the same	Our Company	Invention	United States	US11232289B2	2020-03-12
272	Robotic arm control method and apparatus and terminal device using the same	Our Company	Invention	United States	US11325247B2	2020-03-12
273	Robotic assistant	UBKang	Invention	United States	US11518042B2	2020-05-09
274	Wheeled base	UBKang	Invention	United States	US11511437B2	2020-07-07
275	Method for utterance generation, smart device, and computer readable storage medium	Our Company	Invention	United States	US11282502B2	2020-08-31
276	Tendon-driven robotic hand	UBTECH North America Research and Development Center Corp, Our Company	Invention	United States	US11325264B1	2020-11-12
277	Loop closure detection method, mobile device and computer readable storage medium	Our Company	Invention	United States	US11423646B2	2020-11-20
278	Method and apparatus for face recognition and computer readable storage medium	Our Company	Invention	United States	US11373443B2	2020-11-27
279	Streaming voice conversion method and apparatus and computer readable storage medium using the same	Our Company	Invention	United States	US11367456B2	2020-12-03
280	Speech synthesis method and apparatus and computer readable storage medium using the same	Our Company	Invention	United States	US11417316B2	2020-12-08

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
281	Gesture recognition method and terminal device and computer readable storage medium using the same	Our Company	Invention	United States	US11423701B2	2020-12-10
282	Humanoid robot and its control method and computer readable storage medium	Our Company	Invention	United States	US11472024B2	2020-12-24
283	Method for extracting image of face detection and device thereof	Our Company	Invention	United States	US11475707B2	2020-12-27
284	Mobile robot control method, computer-implemented storage medium and mobile robot	UBKang	Invention	United States	US11429112B2	2020-12-31
285	Scene data obtaining method and model training method, apparatus and computer readable storage medium using the same	Our Company	Invention	United States	US11461958B2	2021-03-30
286	System and method for multichannel speech detection	UBKang	Invention	United States	US11514927B2	2021-04-16
287	Articulated rack for actuation of a robotic drawer	UBKang	Invention	United States	US11406185B1	2021-06-25
288	Robot	Our Company	Design	United States	USD872152S	2018-06-29
289	Robot	Our Company	Design	United States	USD911459S	2018-08-30
290	Robotic assistant and method for controlling the same	UBKang	Invention	United States	US11554071B2	2021-09-07
291	Map database, creation method, mobile machine using the same, and computer readable storage medium	Our Company	Invention	United States	US11710277B2	2021-09-23
292	Dynamic gesture recognition method, device and computer-readable storage medium	Our Company	Invention	United States	US11636712B2	2021-08-31
293	Mechanical arm	Our Company	Invention	United States	US11685043B2	2020-06-15
294	Humanoid robot and its balance control method and computer readable storage medium	Our Company	Invention	United States	US11642786B2	2020-12-31
295	-	Our Company	Invention	United States	US11599118B2	2020-12-30
296	Navigation map updating method and apparatus and robot using the same	Our Company	Invention	United States	US11629964B2	2020-04-09

No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
297	Robot balance, control method, computer-readable storage medium and robot	Our Company	Invention	United States	US11604466B2	2020-12-13
298	Robot control method, computer-readable storage medium and robot	Our Company	Invention	United States	US11602848B2	2020-12-13
299	Robot control method, computer-readable storage medium and robot	Our Company	Invention	United States	US11691284B2	2020-12-13
300	Robot climbing control method and robot	Our Company	Invention	United States	US11644841B2	2020-12-07
301	Biped robot and its moving method, apparatus and storage medium	Our Company	Invention	United States	US11550335B2	2020-04-03
302	•	Our Company	Invention	European Union	EP3248735B1	2016.11.02
303	Entertainment robot servo	Our Company	Invention	European Union	EP3165267B1	2017.02.06
304	Charging station identifying method and device	Our Company	Invention	European Union	EP3557361B1	2019.04.16
305	Robots	Our Company	Design	European Union	005511763-0001	2018.07.24
306	Robots [toys]	Our Company	Design	European Union	005943651-0001	2018.12.24
307	Servo (舵機)	Our Company	Invention	Japan	6294410	2016.08.24
308	Toy assembling part buckle device (玩具搭建元件卡扣 裝置)	Our Company	Invention	Japan	6165954	2016.11.16
309	Robot joint structure (機器人 關節結構)	Our Company	Invention	Japan	6228655	2016.11.21
310	Servo motor and its control method (伺服電機及其控 制方法)	Our Company	Invention	Japan	6105143	2016.12.02
311	Face detection and tracking method and device, robot head rotation control method and system (人臉 檢測跟踪方法及裝置、機 器人頭部轉動控制方法及 系統)	Our Company	Invention	Japan	6165959	2016.12.26
312		Our Company	Invention	Japan	6443905	2018.07.20
313		Our Company	Invention	Japan	6521552	2018.11.20

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No.	Patent name	Patentee	Type of patent	Place of registration	Patent number	Application date (yyyy.mm.dd)
314	A robot and its audio- processing method (一種機 器人及其音訊處理方法)	Our Company	Invention	Japan	6692983	2019.11.18
315	Robot (機器人)	Our Company	Design	Japan	1628097	2018.07.03
316	Biped robot (雙足機器人)	Our Company	Design	Japan	1632897	2018.11.22
317	Wheelchair and walking support robot (輪椅及輔助 行走機器人)	Our Company	Design	Japan	1710717	2021.12.13
318	Toy assembling parts buckle device (玩具搭建元件卡扣 裝置)	Our Company	Invention	South Korea	10-1995996	2017.03.16
319	Servo motor and its control method (伺服電機及其控 制方法)	Our Company	Invention	South Korea	10-1908689	2017.04.07
320	Face detection and tracking method and device, robot head rotation control method and system (人臉 檢測跟踪方法及裝置、機 器人轉動控制方法及系統)	Our Company	Invention	South Korea	10-1881820	2017.07.19
321	Servo and robot having the same (舵機及機器人)	Our Company	Invention	South Korea	10-2066488	2018.11.20
322	Motion path planning method, apparatus, storage medium and terminal device for robot (機器人運 動路徑規劃方法、裝置、 存儲介質及終端設備)	Our Company	Invention	South Korea	10-2113695	2018.12.27
323	Toy Robot (玩具機器人)	Our Company	Design	South Korea	30-0986416	2018.07.13
	Intelligent service robot (智能 服務機器人)	Our Company	Design	South Korea	30-1016484	2018.11.22
325	Service robot (服務機器人)	Our Company, UBTECH North America Research and Development Center Corp	Design	South Korea	30-1186976	2021.12.21

3. Domain names

As at the Latest Practicable Date, we owned the following domain names which we consider to be or may be material to our business:

No.	Registered Owner	Domain Name	Period of Validity
1	Our Company	ubtrobot.com	2022.12.22 - 2027.12.26

C. FURTHER INFORMATION ABOUT OUR DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT

1. Particulars of the Service Contracts

We have entered into a contract with each of our Directors and Supervisors in respect of, among other things, (i) compliance of relevant laws of regulations, (ii) observance of the Articles of Association, and (iii) provisions on arbitration.

Save as disclosed above, none of the Directors or Supervisors has or is proposed to have a service contract with any member of our Group (other than contracts expiring or determinable by the relevant employer within one year without the payment of compensation other than statutory compensation).

2. Directors' and Supervisors' Remuneration

For details of the remuneration of Directors and Supervisors, see "Directors, Supervisors and Senior Management — Remuneration Policy" and Note 10 to "Appendix I — Accountant's Report".

3. Disclosure of interests

(a) Interests and/or short positions of our Directors, Supervisors or chief executives in the share capital of our Company and its associated corporations following completion of the [REDACTED]

Immediately following completion of the [**REDACTED**] (assuming the [**REDACTED**] is not exercised), the interests and/or short positions of our Directors, Supervisors and chief executives in our Shares, underlying shares and debentures of our Company and its associated corporations, within the meaning of Part XV of the SFO, which will have to be notified to our Company and the Stock Exchange pursuant to Divisions 7 and 8 of Part XV of the SFO (including interests and short positions which he/she is taken or deemed to have under such provisions of the SFO), or which will be required, pursuant to section 352 of the SFO, to be recorded in the register referred to therein, or which will be required to be notified to our Company and the Stock Exchange pursuant to the Model Code for Securities Transactions by Directors of Listed Companies contained in the Listing Rules, will be as follows:

Interest in our Company

				Immediately following the completion of the [REDACTED] (taking no account of any H Shares which may be issued pursuant to the exercise of the [REDACTED])	
Name of director/ chief executive	Nature of interest	Numbers of Domestic Shares Held or interested ⁽¹⁾	Approximately % of the total issued Share capital of our Company	Approximate % of the relevant class of Shares	Approximate % of the total issued Share capital of our Company
Mr. Zhou Jian		103,586,040	25.48	[REDACTED]	[REDACTED]
	Interest Interest in controlled incorporation ⁽²⁾	(L) 14,538,600 (L)	3.58	[REDACTED]	[REDACTED]
	Persons acting in concert ⁽³⁾	95,709,960 (L)	23.53	[REDACTED]	[REDACTED]
Mr. Xia Zuoquan .	Beneficial Interest	22,888,800 (L)	5.63	[REDACTED]	[REDACTED]
	Persons acting in concert ⁽³⁾	190,945,800 (L)	46.96	[REDACTED]	[REDACTED]

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Immediately following the
completion of the [REDACTED]
(taking no account of any H
Shares which may be issued
pursuant to the exercise of the
[REDACTED])

Name of director/ chief executive	Nature of interest	Numbers of Domestic Shares Held or interested ⁽¹⁾	Approximately % of the total issued Share capital of our Company	Approximate % of the relevant class of Shares	Approximate % of the total issued Share capital of our Company
Mr. Xiong Youjun.	Beneficial	8,290,743	2.04	[REDACTED]	[REDACTED]
	Interest Persons acting in concert ⁽³⁾	(L) 205,543,857 (L)	50.55	[REDACTED]	[REDACTED]
Ms. Wang Lin	Beneficial Interest	8,201,880 (L)	2.02	[REDACTED]	[REDACTED]
	Interest in controlled incorporation ⁽⁴⁾	39,599,280 (L)	9.74	[REDACTED]	[REDACTED]
	Persons acting in concert ⁽³⁾	166,033,440 (L)	40.83	[REDACTED]	[REDACTED]

Note:

(1) The letter "L" denotes the person's long position in the Shares.

(2) As at the Latest Practicable Date, Shenzhen Sanciyuan directly held 14,538,600 Domestic Shares. Mr. Zhou Jian is the general partner of Shenzhen Sanciyuan. By virtue of the SFO, Mr. Zhou Jian is deemed to be interested in all the Shares held by Shenzhen Sanciyuan.

(3) Each of Mr. Zhao Guoqun, Mr. Xia Yongjun, Ms. Wang Lin, Mr. Xiong Youjun, Mr. Xia Zuoquan and Shenzhen Zhineng Youxuan has entered into a concert party agreement with Mr. Zhou Jian. For further details, see "Relationship with our Controlling Shareholders". By virtue of the SFO, each of Mr. Zhou Jian, Mr. Zhao Guoqun, Mr. Xia Yongjun, Ms. Wang Lin, Mr. Xiong Youjun, Mr. Xia Zuoquan and Shenzhen Zhineng Youxuan is deemed to be interested in all the Shares which each other is interested in.

(4) Ms. Wang Lin is the general partner of Shenzhen Evolution. By virtue of the SFO, Ms. Wang Lin is deemed to be interested in all of the Shares held by Shenzhen Evolution.

Save as disclosed above, none of the Directors, Supervisors or the chief executive of our Company will, immediately following completion of the [**REDACTED**], has any interests and/or short positions in the Shares, underlying Shares and debentures of our Company's associated corporations (within the meaning of Part XV of the SFO), which will have to be notified to our Company and the Stock Exchange pursuant to Divisions 7 and 8 of Part XV of the SFO (including interests and short positions which he/she is taken or deemed to have under such provisions of the SFO), or which will be required, pursuant to section 352 of the SFO, to be recorded in the register referred to therein, or which will be required to be notified to our Company and the Stock Exchange pursuant to the Model Code for Securities Transactions by Directors of Listed Companies contained in the Listing Rules.

(b) Interests and short positions disclosable under Divisions 2 and 3 of Part XV of the SFO

For information on the persons who will, immediately following the completion of the [**REDACTED**], having or be deemed or taken to have beneficial interests or short position in our Shares or underlying Shares which would fall to be disclosed to our Company under the provisions of 2 and 3 of Part XV of the SFO, or directly or indirectly be interested in 10% or more of the nominal value of any class of share capital carrying rights to vote in all circumstances at general meetings of any other member of our Group, see the section headed "Substantial Shareholders".

4. Disclaimers

(a) Save as disclosed in "E. Other Information — 6. Promoters" in this section, none of our Directors or Supervisors has any direct or indirect interest in the promotion of our Company,

or in any assets which have within the two years immediately preceding the date of this document been acquired or disposed of by or leased to any member of our Group, or are proposed to be acquired or disposed of by or leased to any member of our Group;

- (b) Save in connection with the [**REDACTED**], none of our Directors or Supervisors nor any of the experts referred to in "E. Other Information 7. Qualifications of Experts" below, is materially interested in any contract or arrangement subsisting at the date of this document which is significant in relation to the business of the Group.
- (c) No cash, securities or other benefit has been paid, allotted or given within the two years preceding the date of this document to any promoter of our Company nor is any such cash securities or benefit intended to be paid, allotted or given on the basis of the [**REDACTED**] or related transactions as mentioned.
- (d) none of our Directors or Supervisors or their close associates (as defined in the Listing Rules) or the existing Shareholders (who, to the knowledge of our Directors, owns more than 5% of our issued share capital) has any interest in any of the five largest customers or the five largest suppliers of our Group;
- (e) none of our Directors or Supervisors is a director or employee of a company that has an interest in the share capital of our Company which, once the H Shares are [**REDACTED**] on the Hong Kong Stock Exchange, would have to be disclosed pursuant to Divisions 2 and 3 of Part XV of the SFO.

D. Equity Incentive Schemes

Since 2015, we have approved and adopted the equity incentive schemes for the purpose of motivating, retaining and rewarding talents for their contribution to the development of our Group and linking the interests of the participants under the equity incentive schemes with those of our Company and our Shareholders.

Given that no shares or options over shares in our Company or subsidiaries are granted pursuant to the terms the equity incentive schemes, and no Awards will be further granted after the [**REDACTED**], there will not be any dilution effect to the issued Shares after [**REDACTED**] and the equity incentive schemes are not subject to the provisions of Chapter 17 of the Listing Rules.

Shenzhen Evolution, a limited partnership, was established as the "direct level incentive shareholding platform" for the purpose of the equity incentive schemes, and held approximately 9.74% of the issued Shares in our Company as of the Latest Practicable Date. A number of other limited partnerships have been established as the "indirect level incentive shareholding platforms" which act as the limited partners of Shenzhen Evolution. Participants under the equity incentive schemes may be granted partnership interest in the indirect level incentive shareholding platforms (the "Awards"). As the indirect level incentive shareholding platforms own partnership interest in Shenzhen Evolution which in turn owns our Shares directly, the participants would be indirectly interested in our Shares.

As of the Latest Practicable Date, Ms. Wang Lin was the sole general partner of Shenzhen Evolution and all of the indirect level incentive shareholding platforms. The above arrangement of the equity incentive schemes could offer incentives to the participants through granting them indirect interest in our Shares while allowing our core management team to retain control on the voting rights of the incentive shareholding platforms in respect of our Shares.

The general principal terms of the equity incentive schemes are summarized below.

(a) **Purpose**

The equity incentive schemes were established for the purpose of motivating, retaining and rewarding talents for their contribution to the development of our Group and linking the interests of the participants under the equity incentive schemes with those of our Company and our Shareholders.

(b) Participants

Participants include the directors, supervisors, senior management and other core employees of our Group and other designated persons.

(c) Grant of Awards

The participants may be granted limited partnership interest (the "**Award**") in the indirect level incentive shareholding platforms at a consideration specified under the grant agreements, and each becomes a limited partner of the indirect level incentive shareholding platforms upon grant of the Awards.

(d) Administration of the equity incentive schemes

The equity incentives schemes are subject to approval of the shareholders and the Board. Mr. Zhou Jian is responsible for matters pertaining to the implementation of the equity incentive schemes, including but not limited to determining the identity of grantees and the number and considerations of grants.

(e) Lock-up period and return of granted Awards

Subject to requirements which may vary among each equity incentive schemes, the granted Awards may be bound by a lock-up period, and the participants may also be requested to return the granted Awards upon the occurrence of certain events.

(f) Details of Awards

As of the Latest Practicable Date, (i) 41 indirect level incentive shareholding platforms have been established for the purpose of the equity incentive schemes; (ii) there is an aggregate number of 691 participants holding partnership interest in the indirect level incentive shareholding platforms; and (iii) none of our Directors or Supervisors held more than one-third of the partnership interest in any of the indirect level incentive shareholding platforms.

For details of the Awards during the Track Record Period, see Note 30 to "Appendix I – Accountant's Report".

E. OTHER INFORMATION

1. Estate Duty

Our Directors have been advised that no material liability for estate duty is likely to fall on our Group.

2. Litigation

As of the Latest Practicable Date, save as disclosed in "Business — Legal Proceedings", we are not involved in any material litigation, arbitration or administrative proceedings, and so far as our Directors are aware, no such material litigation, arbitration or administrative proceedings are pending or threatened against any members of our Group.

3. Sole Sponsor

The Sole Sponsor has declared its independence pursuant to Rule 3A.07 of the Listing Rules. The Sole Sponsor has made an application on our behalf to the Hong Kong Stock Exchange for [**REDACTED**] of, and permission to deal in, our H Shares to be issued pursuant to the [**REDACTED**] (including the additional H Shares which may be issued pursuant to the exercise of the [**REDACTED**]). All necessary arrangements have been made to enable our H Shares to be admitted into CCASS.

Pursuant to the engagement letter entered into between our Company and the Sole Sponsor, we have agreed to pay the Sole Sponsor a fee of US\$[**REDACTED**] to act as the sponsor of our Company in connection with the proposed [**REDACTED**].

THIS DOCUMENT IS IN DRAFT FORM, INCOMPLETE AND SUBJECT TO CHANGE AND THAT THE INFORMATION MUST BE READ IN CONJUNCTION WITH THE SECTION HEADED "WARNING" ON THE COVER OF THIS DOCUMENT.

APPENDIX VII STATUTORY AND GENERAL INFORMATION

4. Compliance Adviser

We have appointed Guotai Junan Capital Limited as our Compliance Adviser in compliance with Rule 3A.19 of the Listing Rules.

5. **Preliminary Expenses**

Our Company did not incur material preliminary expense for the purpose of the Hong Kong Listing Rules.

6. **Promoters**

The promoters as of the time of our Company's conversion are:

No.	Name
1	Mr. Zhou Jian
2	Mr. Xia Zuoquan
3	QM25 Limited
4	Huzhou Sanciyuan Enterprise Management Consulting Limited Partnership* (湖州三 次元企業管理諮詢合夥企業(有限合夥)) (the former name of Shenzhen Sanciyuan)
5	Ms. Wang Lin
6	CDH
7	Mr. Zhao Guoqun
8	Mr. Xia Yongjun
9	Shenzhen Ningjing Youxuan Enterprise Management Center Limited Partnership* (深 圳寧靜優選企業管理中心(有限合夥)) (the former name of Qingdao Ningmi)
10	Leaguer Huarui
11	Haikun Yujie
12	Huzhou Tianlangxing
13	Zhuhai Technology
14	Zhuhai Huaying
15	Chia Tai
16	Shenzhen Evolution
17	Image Frame
18	Mr. Xiong Youjun
19	ICBC (Shenzhen)
20	Huizhi Tongtai
21	Shenzhen Zhineng Youxuan
22	Beijing Juran Investment
23	Tencent SZ
24	Shenzhen Unicorn
25	Beijing Juran Investment
26	Yiwu Hongyuan
27	Beijing Tianlang Xingsu
28	Huizhi Tongying
29	Jinshi Haorui
30	iFlytek Stock
31	Shenzhen Songhe
32	Telstra Ventures
33	Zhonghui Jinjiu
34	Lide Investment
35	Langma Yongan
36	Ningbo Jiuyou
37	Haikun Xinhong Investment

No.	Name
38	Chengdu Hongzhijia
39	YBX
40	Zhuhai Hengqin
41	Ningbo Haohong
42	Xiangshi Xiren
43	Xiangshi Xiyi
44	Shenzhen Zhineng Jiaxuan
45	Chengdu Zhongrui
46	Chongqing Chengwei
47	Lifu Tianda
48	Fuzhong Kangding
49	Qianhai Quanmintong
50	Taian Taiying

Within the two years immediately preceding the date of this document, no cash, securities or benefit has been paid, allotted or given, or is proposed to be paid, allotted or given to the promoters named above in connection with the [**REDACTED**] or the related transactions described in this document.

7. Qualifications of Experts

The following experts have each given and have not withdrawn their respective written consents to the issue of this document with copies of their reports, letters, opinions or summaries of opinions (as the case may be) and the references to their names included herein in the form and context in which they are respectively included.

Name	Qualification
Guotai Junan Capital Limited	A licensed corporation to conduct type 6 (advising on corporate finance) regulated activities under the SFO
PricewaterhouseCoopers	Certified Public Accountants under Professional Accountant Ordinance (Chapter 50 of the laws of Hong Kong) and Registered Public Interest Entity Auditor under Accounting and Financial Reporting Council Ordinance (Chapter 588 of the Laws of Hong Kong)
King & Wood Mallesons	Legal Advisers as to PRC law and PRC data security and privacy protection matters
Ashurst Hong Kong	Legal advisers as to International Sanctions law and special counsel with respect to U.S. regulatory and compliance matters
Frost & Sullivan (Beijing) Inc., Shanghai Branch Co	Independent industry consultant
International Valuation Limited	Independent property valuer

8. Consents of Experts

Each of the experts as referred to in "E. Other Information — 7. Qualifications of Experts" of this Appendix has given, and has not withdrawn, its respective written consents to the issue of this document with the inclusion of its reports and/or letter(s) and/or opinion(s) and/or the references to its name included herein in the form and context in which it is respectively included.

As of the Latest Practicable Date, none of the experts named above has any shareholding interests in any members of our Group or the right (other than the penal provisions) of sections 44A of the Companies (Winding Up and Miscellaneous Provisions) Ordinance so far as applicable.

9. Binding Effect

This document shall have the effect, if an application is made in pursuance hereof, of rendering all persons concerned bound by all the provisions (other than the penal provisions) of sections 44A and 44B of the Companies Ordinance so far as applicable.

10. Bilingual Document

The English language and Chinese language versions of this document are being published separately in reliance upon the exemption provided by section 4 of the Companies Ordinance (Exemption of Companies and Prospectuses from Compliance with Provisions) Notice (Chapter 32L of the Laws of Hong Kong).

11. Tax and Other Indemnities

The sale, purchase and transfer of H Shares are subject to Hong Kong stamp duty. The current rate charged on each of the seller and purchaser is HK\$1.30 for every HK\$1,000 (or part thereof) of the consideration or, if higher, the fair value of the H Shares being sold or transferred. For further information in relation to taxation, see "Appendix IV — Taxation and Foreign Exchange".

Mr. Zhou Jian, Ms. Wang Lin and Mr. Xiong Youjun [have entered] into the Undertaking of Indemnity with and in favor of the Group (being the contract referred to in "B. Further Information about The Business — 1. Summary of Material Contracts" above) to provide indemnities on a joint and several basis in respect of, among other matters,

- (a) any taxation or fees falling on any members of the Group resulting from or by reference to any revenue (including any form of government financial assistance, subsidy or rebate), income, profits or gains granted, earned, accrued, received or made (or deemed to be so granted, earned, accrued, received or made) on or before the [**REDACTED**];
- (b) any event, transaction, act or omission occurring or deemed to occur on or before the [**REDACTED**] Date whether alone or in conjunction with any other event, act or omission occurring or deemed to occur on or before the [**REDACTED**] and whether or not such taxation is chargeable against or attributable to any other person, firm or company; and
- (c) non-compliances of any of the members of the Group which has occurred on or before the [**REDACTED**].

Under the Undertaking of Indemnity, Mr. Zhou Jian, Ms. Wang Lin and Mr. Xiong Youjun have also agreed and undertaken to each member of the Group on a joint and several basis that they would indemnify and at all times keep the same indemnified on demand from and against all sums, outgoings, fees, demands, claims, damages, losses, costs, charges, liabilities, fines, penalties and expenses incurred or suffered by the Company or any members of the Group resulting from any and all of the non-compliances of any of the members of the Group with the Companies (Winding Up and Miscellaneous Provisions) Ordinance and the Companies Ordinance or other applicable laws, rules or regulations in their respective place of incorporations or operation which has occurred at any time during the Track Record Period and on the [**REDACTED**].

Under the Undertaking of Indemnity, Mr. Zhou Jian has also agreed and undertaken to each member of the Group that, in the event that the Group suffers damages as a result of a breach of any government cooperation agreement, to the extent that such damages suffered by the Group had not been recorded as other payables and accruals in the consolidated audited accounts of the Group or the audited accounts of any of the members of the Group for the years ended December 31, 2020, 2021 or 2022 or the four months ended April 30, 2023, he would indemnify and at all times keep the same indemnified on demand from and against for any liabilities and/or compensation which may arise from any such damages incurred from any such breach.

However, the indemnities given by Mr. Zhou Jian, Ms. Wang Lin and Mr. Xiong Youjun under the Undertaking of Indemnity do not cover, and none of Mr. Zhou Jian, Ms. Wang Lin and Mr. Xiong Youjun shall be under any liability in respect of, any liability on taxation and taxation claim:

- (a) to the extent that provision has been made therefor in the consolidated audited accounts of the Group or the audited accounts of any of the members of the Group for the years ended December 31, 2020, 2021 and 2022 and the four months ended April 30, 2023;
- (b) falling on any members of the Group on or after April 30, 2023 and ending on the [REDACTED] unless such liability would not have arisen but for some act or omission of, or transaction entered into by, Mr. Zhou Jian, Ms. Wang Lin and/or Mr. Xiong Youjun or any members of the Group (whether alone or in conjunction with some other act, omission or transaction, whenever occurring), otherwise than: (i) in the ordinary course of business, or in the ordinary course of acquiring or disposing of capital assets, on or before the [REDACTED]; or (ii) pursuant to a legally binding commitment created on or before the date of the deed of indemnity or pursuant to any statement of intention made in this document;
- (c) to the extent that such liability arises or is incurred as a consequence of any change in the law, rules or regulations, or the interpretation or practice thereof by any statutory or governmental authority (in Hong Kong, the PRC or elsewhere), including without limitation the Inland Revenue Department and the tax bureau of the PRC, having retrospective effect coming into force after the [**REDACTED**] or to the extent that such liability arises or is increased by an increase in rates of taxation or other penalties after the [**REDACTED**] with retrospective effect;
- (d) to the extent that such liability is discharged by another person who is not a member of the Group and that none of the member of the Group is required to reimburse such person in respect of the discharge of such liability; or
- (e) to the extent of any provision or reserve made for such liability in the audited accounts referred to in Clause (a) above which is finally established to be an overprovision or an excessive reserve provided that the amount of any such provision or reserve applied to reduce the liability of Mr. Zhou Jian, Ms. Wang Lin and/or Mr. Xiong Youjun in respect of such liability shall not be available in respect of any such liability arising thereafter.

12. Related Party Transactions

Our Group entered into the related party transactions within the two years immediately preceding the date of this document as mentioned in "Appendix I — Accountant's Report — II. Notes to the Historical Financial Information — 41. Significant related party transactions."

13. No Material Adverse Change

Our Directors confirm that there has been no material change in our financial or trading position since April 30, 2023 and up to the Latest Practicable Date.

14. Miscellaneous

- (a) Within the two years immediately preceding the date of this document:
 - Save as disclosed in the section headed "History, Development and Corporate Structure" in this document, no share or loan capital or debenture of our Company or any of our subsidiaries has been issued or agreed to be issued or is proposed to be issued for cash or as fully or partly paid other than in cash or otherwise;
 - (ii) no share or loan capital of our Company or any of our subsidiaries is under option or is agreed conditionally or unconditionally to be put under option; and
 - (iii) no commissions, discounts, brokerages or other special terms have been granted or agreed to be granted in connection with the issue or sale of any share or loan capital of our Company or any of our subsidiaries.

- (b) there are no founder, management or deferred shares nor any debentures in our Company or any of our subsidiaries;
- (c) no share or loan capital or debenture of our Company or any of our subsidiaries is under option or is agreed conditionally or unconditionally to be put under option; and
- (d) no commissions, discounts, brokerages or other special terms have been granted in connection with the issue or sale of any share or loan capital of our Company or any of its subsidiaries by our Company for subscribing or agreeing to subscribe, or procuring or agreeing to procure subscriptions, for any shares in or debentures of our Company or any of our subsidiaries.
- (e) Save as disclosed in the paragraph headed "B. Further Information about our Business 1. Summary of Material Contracts" in this section, none of our Directors or proposed Directors or experts (as named in this document), have any interest, direct or indirect, in any assets which have been, within the two years immediately preceding the date of this document, acquired or disposed of by or leased to, any member of our Group, or are proposed to be acquired or disposed of by or leased to any member of our Group.
- (f) no equity or debt securities of any company within our Group is presently listed on any stock exchange or traded on any trading system nor is any [**REDACTED**] or permission to deal being or proposed to be sought, save for the [**REDACTED**].
- (g) Our Company has no outstanding convertible debt securities or debentures.
- (h) There is no arrangement under which future dividends are waived or agreed to be waived.
- (i) There has not been any interruption in the business of our Group which may have or has had a significant effect on the financial position of our Group in the 12 months preceding the date of this document.
- (j) We currently do not intend to apply for the status of a Sino-foreign investment joint stock limited company and do not expect to be subject to the PRC Sino-Foreign Joint Venture Law.
- (k) All necessary arrangements have been made by the Company to enable the H shares to be admitted into CCASS for clearing and settlement.