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2. MR. QINGHUAN SUN

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Biography

Mr. Qinghuan Sun was born in 1973 with Chinese nationality and no right of abode abroad. He graduated from Jiangxi University of Engineering. He founded MLS in 1997, and currently serves as the legal representative and chairman of MLS Co., Ltd.

Mr. Qinghuan Sun is an active pathfinder and outstanding representative of the LED industry. He has been involved in the industry, with a focus on technological innovation and management innovation. He works in a pragmatic manner as he steers the company to develop the market. The company pursues a distinctive path of innovation. Driven by “brand strategy” and “smart manufacturing”, it establishes a whole industry chain with “LED as the benchmark and its business extending to upstream and downstream areas of the LED industry chain”.

After more than 20 years of development, MLS led by Mr. Qinghuan Sun has evolved into a world-renowned leading LED enterprise. It has become a global tech enterprise specializing in LED packaging, lighting brand business, LED products and innovation business. MLS has over 100 subsidiaries worldwide, which cover over 140 countries and regions. It boasts six CNAS certified laboratories, and has over 20,000 employees worldwide, with an annual operating income of over 18 billion yuan. MLS is committed to providing healthier and more environmentally friendly products for mankind.

Outstanding Contribution Brief

1. Reduce product costs with technological innovation, promote industry changes, and popularize LED products

After founding MLS in 1997, Mr. Qinghuan Sun set about improving the process for direct in-line package LEDs. Following the purchase of automation equipment and process innovation, the company automated the LED packaging production process in 2005, and achieved a monthly capacity of 500 million. It is hailed as the largest LED packaging base in Asia. In 2012, Mr. Qinghuan Sun led the MLS team to produce “LEDs worth one dollar” through technological innovation and cost control, bringing affordable, high-efficiency, energy-saving LED products to the people. It has significantly popularized LED products in the Chinese market and the Asian market, and indirectly altered the landscape of the world LED industry.

Under the initiative of Mr. Qinghuan Sun, MLS funded the establishment of “MLS College” in cooperation with Ji'an Vocational and Technical College in order to train high-quality personnel for the semiconductor lighting industry and promote capacity building, and provide professionals for the sustainable development of the industry.



2. Promote green lighting worldwide, and commit itself to energy saving and emission reduction



Thanks to technological innovation made by MLS and a continuous decline in the cost of LED products, LED lighting products are being used in small cities and rural areas at a faster rate. As a result, LED lighting products are accepted in low-end markets, and more people can use affordable LED lighting products, thereby contributing to energy conservation and emission reduction.

Under the leadership of Mr. Qinghuan Sun, MLS has contributed to global green development, energy saving and emission reduction. MLS has made the “Green Lighting Commitment” at the “Global Lighting Challenge” Forum under the mechanism of the Clean Energy Ministerial in June 2017. 13 semiconductor lighting companies voluntarily made new commitments to produce and sell nearly 6 billion LED lighting products. Of these, 12 companies promised to produce and sell a total of 3.29 billion LED lamps and 5.77 million LED street lamps in the next two years (by the end of 2018). MLS promised to produce and sell 900 million LED-based products, ranking first among the 12 companies. Moreover, LEDVANCE, a subsidiary of MLS, pledged to sell 2.5 billion LED lamps by 2023.

If the aforesaid target can be achieved, the estimated energy savings will be equivalent to the generating capacity of 75 medium-sized coal-fired power plants.



3. Foster international cooperation in the semiconductor lighting industry, so that more countries and regions benefit from low-cost products

In May 2016, MLS announced that it would bid to acquire LEDVANCE, a subsidiary of OSRAM, through consortium. In March 2017, it completed 100% acquisition of LEDVANCE and completed the delivery of assets. In 2018, MLS completed the acquisition of LEDVANCE, so that Chinese LED companies participate in global competition by selling products overseas. It has integrated LEDVANCE in many areas and improved the supply chain and product structure, resulting in gains in the brand advantages and profitability of LEDVANCE. After acquiring LEDVANCE, MLS now owns foreign high-end lighting brands, including the centennial brands “LEDVANCE” and “SYLVANIA”. With overseas sales channels that cover 140 countries and regions, MLS has global brands and channel advantages in the field of lighting.



4. Innovation-driven exploration in more areas

Given the global adjustment caused by the COVID-19 in 2020, MLS established “GYGAIR Technology Co., Ltd.” in partnership with Guangdong Zhong Nanshan Medical Fund, etc., and launched five core solutions for air quality safety in public areas. These are used in conjunction with UVC surface disinfection technology. He plays his role as a responsible entrepreneur in the post-COVID era.

In 2021, MLS, under the leadership of Mr. Qinghuan Sun, explored and developed plant lighting, human-centric lighting and other high-end businesses. In cooperation with the Institute of Urban Agriculture of the Chinese Academy of Agricultural Sciences, MLS set up a platform for industry and research institute cooperation for the screening of pasture varieties, the optimization of environmental factors in plant factories, and the development and research on LED plant lighting solutions, contributing to the sustainable and high-quality development of the animal husbandry industry.



Beginning in 2018, MLS has been developing health lighting products based on LEDVANCE. MLS creates its own brand ecosystem through technological innovation, and explores the application areas of human-centric lighting.



ISA is a non-for-profit international organization consists of regional alliances, association/society, leading companies and renowned universities in global Solid State Lighting (SSL) field.

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