

Suzhou Project Information for Foreign Experts (2018)

Name of the Organization	Kedou (Suzhou) Brain-Computer Technology Co. , Ltd.	Nature of the organization	Civilian run company
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Brief Introduction of the Organization	<p style="text-align: center;">Brief Introduction of the Organization</p> <p>Kedou (Suzhou) Brain-Computer Technology Co. , Ltd is a high-tech enterprise, which focuses on researching, producing and selling various brain-machine interface (medical instrument) related to hardware and software products. It provides services and solutions for customers.</p> <p>The company has a 600m2 research and development base in suzhou. Currently, there are 10 research staffs, including 3 Phds and 3 masters.In addition, there are 5 operating staffs, including 1 master.</p> <p>At present, company's main products include high and middle-end brain electrode, brain science auxiliary equipment, mind control equipment and other brain-computer interface and other related products.</p> <p>At present, company has received more than 30 patents. Microelectrode, brain sciences auxiliary equipment, and other products have been used in animals in neuroscience experiment by more than 10 colleges and universities, such as zhengzhou university, zhejiang university, fudan university, Chinese academy of sciences, and the feedback is good.</p> <p>The current global brain-machine interface market is at the early developing period. Besides, there is no domestic professional manufacturer producing implantable brain electrodes and related equipment. As the first company produces and sells brain microelectrode and other related equipment in China, it has a wide market.</p> <p>ipment in China, have a wide prospect of market.</p>		
Name of the Project	Development and industrialization of implantable microelectrodes.		
Industry	Biological and new medicine - medical instrument, equipment and medical special software - new electrophysiological detection and monitoring technology.		

<p>Introduction of the Project</p>	<p>Research purposes: Various countries have invested a large of money on brain science research. Whether the brain simulation which is focused by the United States and the European Union cerebral plans, or the exploration of the cerebral secret and conquering the brain disease which Chinese government pays attention to, both of them are inseparable from the brain machine interface using eeg to analyze brain activity.</p> <p>Core technology: After the electrode wire is straightened and hardened, it can penetrate the dura mater. The tip is hardened by special process and the surface is activated. It is suitable for long-term chronic record and stimulation, and can be used for more than one year in body.</p> <p>Project achievements: This project is the main product of the company. Currently, 18 utility model patents have been granted, and 13 invention patents have been accepted. Currently, the main customers of this product are from various universities and institutes, including national biological research laboratory of zhejiang university and institute of biological sciences of fudan university, zhengzhou university, etc.The company's "development and industrialization of high-end brain-machine interface products" won the third prize in the 4th youth entrepreneurship and innovation competition of 2016 in xiangcheng district, suzhou city.</p>
<p>Cooperation Conditions</p>	<p>Material foundation, have mutual goal and trust.</p>
<p>Note</p>	