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[\[Creativity\] Applying Bluetooth and Flash Drive to Gate Control. Taiwan High School Students Won Gold in Geneva and Russia](#)

[Creativity] Applying Bluetooth and Flash Drive to Gate Control, Taiwan High School Students Won Gold in Geneva and Russia ([Chinese Version](#))

BCC & Apple Daily (2011/04/12) The students of Chung Shan Industrial & Commercial School, Kaohsiung, won two gold medals in the invention exhibitions in Geneva and Russia. The invention of a gate control module integrated with flash drive and bluetooth technology won a gold medal in Archimedes Invention Exhibition in Moscow. A company in Hong Kong wished to purchase the authorization to produce the module for six million dollars. The other gold medal invention in Geneva, one mobile phone bluetooth remote control module for rolling door, was regarded as highly commercially promising. Director of the school's Information Center, Yuli SUNG told the press, both inventions made gate control more secure and solid with the double password control, for beside of the password, the unique machine code of each mobile phone or flash drive can be also used as the additional password.

Buo-Yi LI (trans. temp.), the student of Chung Shan Industrial & Commercial School, was inspired to the invention of mobile phone remote control for rolling door when he was locked out once for the remote control for the rolling door was out of energy. He thought, if the control could be down with bluetooth mobile phones, the energy problem would be diminished. This invention won a gold medal in the International Exhibition of Inventions of Geneva 2011.

The other team invented a flash drive key. Jun-Ren SU (trans. temp.) told the press, the invention was a continuation from a previous invention by the same school's students last year. The modified flash drive key won a gold medal in Archimedes Invention Exhibition in Moscow.

Reference:

[BCC 2011/04/12](#) (Chinese)

[Apple Daily 2011/04/12](#) (Chinese)

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[National Science Council International Cooperation Sci-Tech Newsbrief](#)

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