

TAIWAN DELEGATION, INTERNATIONAL EXHIBITION "IDEAS-INVENTIONS-NEW PRODUCTS" NUREMBERG

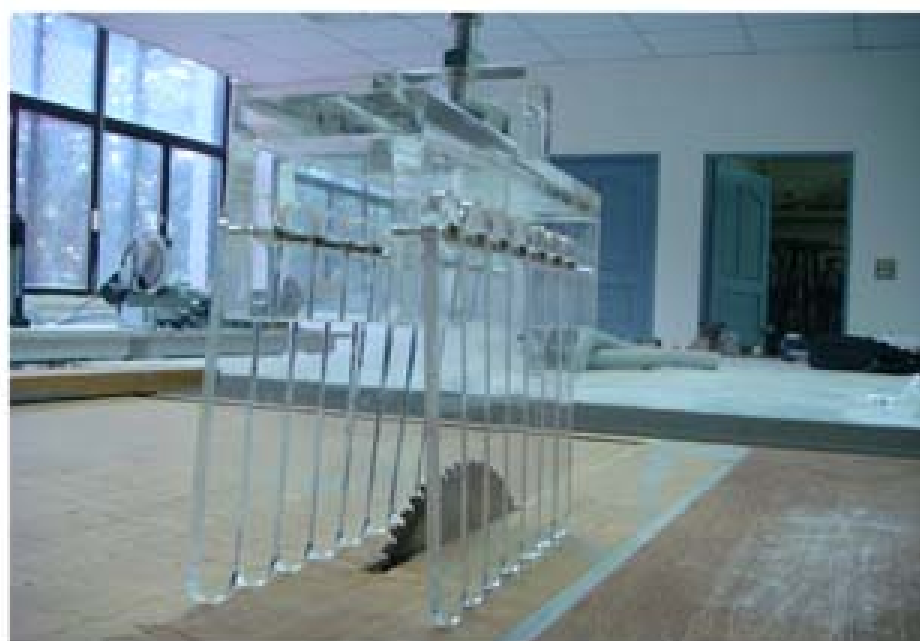


CIRCULAR SAW AND PROTECTIVE DEVICE THEREIN



FEATURE

An add-on device was invented to protect the interior decoration workers from hurting by circular saws, which can be added on the existing circular saws. The protective cover comprises a hanger rack and several protective leaves with hinges. The hanger rack is fixed to the horizontal adjustment component. The protective leaves are arrayed and hinged on the two sides of the rack. The protective leaves are equipped with sensors so that when they are pushed by the worker's hands and swing to the shaded area of the sawing bench, the power of saw will be switched down automatically to protect the worker's hands from cutting by the saw. With such device, the safety of worker will be improved significantly.



PATENT

M 388982

NAME

: CHUNG HUA UNIVERSITY
Sha, Yung Jye / Cheng, Shao Tsai / Wu, Chih Ming / Huang, Yu Cih

ADDRESS

: NO.707, SEC. 2, WUFU RD., XIANGSHAN DIST.,
HSINCHU CITY 30012, TAIWAN

TEL

: 886-3-5186764
+886919364676

FAX : 886-3-5370517

E-mail

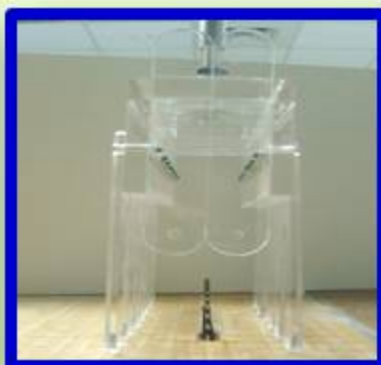
: d09603004@chu.edu.tw

TAIWAN DELEGATION, INTERNATIONAL EXHIBITION "IDEAS-INVENTIONS-NEW PRODUCTS" NUREMBERG

CIRCULAR SAW AND PROTECTIVE DEVICE THEREIN

TW PATENT NO.M388982

An add-on device was invented to protect the interior decoration workers from hurting by circular saws, which can be added on the existing circular saws. The protective cover comprises a hanger rack and several protective leaves with hinges. The hanger rack is fixed to the horizontal adjustment component. The protective leaves are arrayed and hinged on the two sides of the rack.



The protective leaves are equipped with sensors so that when they are pushed by the worker's hands and swing to the shaded area of the sawing bench, the power of saw will be switched down automatically to protect the worker's hands from cutting by the saw. With such device, the safety of worker will be improved significantly.



Touch Sensor



Wireless Sensor (Infrared Rays)

Creativity to secure safety!!

Chung Hua University

Sha Yung Jey, Cheng Shao Tsai, Wu Chih Ming, Huang Yu Cih

E-mail:d09603004@chu.edu.tw

Address:707, Sec.2, WuFu Rd., Hsinchu, Taiwan 30012, R.O.C.

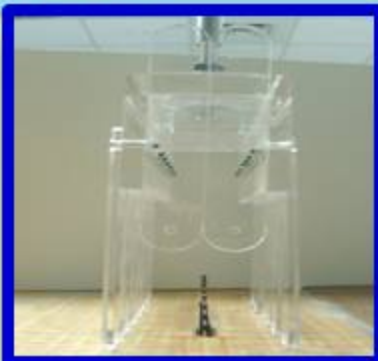
TEL:+886-3-55186764 FAX:+886-3-5370517



TAIWAN DELEGATION, INTERNATIONAL EXHIBITION “IDEAS-INVENTIONS-NEW PRODUCTS” NUREMBERG CIRCULAR SAW AND PROTECTIVE DEVICE THEREIN

TW PATENT NO.M388982

Eine Zusatzvorrichtung, die auf die existierenden Kreissägen hinzugefügt werden kann, wurde erfunden, um die Arbeiter für die Innendekoration vor der Verletzung durch Kreissägen zu schützen. Die Schutzkappe enthält eine Aufhängerstange und einige Schutzblätter mit Scharnieren. Die Aufhängerstange wird am Bestandteil zur horizontalen Einstellung befestigt. Die Schutzblätter sind an beiden Seiten der Stange aufgestellt und abgehängt. Die Schutzblätter werden mit drahtlosen Sensoren so ausgerüstet, daß, wenn sie von den Händen der Arbeiter gedrückt werden und zum schraffierten Bereich der Sägebank schwingen, wird die Kraft der Säge nach unten automatisch umgeschaltet, um die Hände der Arbeiter vom Schneiden durch die Säge zu schützen. Mit solcher Vorrichtung wird die Sicherheit der Arbeitskraft erheblich verbessert.



Touch Sensor



Wireless Sensor (Infrared Rays)

Creativity to secure safety!!

Chung Hua University

Sha Yung Jey, Cheng Shao Tsai, Wu Chih Ming, Huang Yu Cih

E-mail:d09603004@chu.edu.tw

Address:707, Sec.2, WuFu Rd., Hsinchu, Taiwan 30012, R.O.C.

TEL:+886-3-55186764 FAX:+886-3-5370517

