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國立台灣大學技術行銷表

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產品/技術名稱	具有導電通道的觸控螢幕護膜
發明人/單位	羅仁權/國立臺灣大學電機學系暨研究所終身特聘教授 吉正然/國立臺灣大學電機學系暨研究所
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應用範圍	觸控螢幕介面
產品/技術優勢	可在保護觸控螢幕的同時，確保電容式觸控螢幕的正常功能 可在提供盲人觸覺辨識標記的同時，確保電容式觸控螢幕的正常功能
市場潛力	可應用於採用電容式觸控螢幕的裝置，如手機、PDA、NB、ATM、未來之觸控電視、數位菜單等等。
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Marketing Abstract of NTU's Invention Disclosure

NTU's docket no: _____ (由技轉室填寫)

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Title	Jelly sets for Blind People.
Inventor (s)	R. C. Luo/ Professor, Department of Electrical Engineering, National Taiwan University C. J. Chi/ Researcher, Department of Electrical Engineering, National Taiwan University
Brief Description	Capacitor-type touch screen dominates the worldwide market now. However, blind people can't use it since these screens are flat and sensitive to any obstructions between the screen and the users' fingers. So we build a "Jelly set" with channel which allows the currents flow by to trigger the screen-sensor.
Fields of Application	Assistive technology (AT) for visual impairs For touch-screens protection application.
Advantages	 <p>It enables the visual impairs using the capacitor-type touch screen, which is the main stream or current and future market. It is also capable for the screen-protect application for normal people. The pictures above demos an implementation of the application</p>
Market Potential	<p>Growth in the number of elder people in the populations of countries in the United States, Europe, Asia, and elsewhere suggest that there will be a strong, steady increase in demand over the next several decades for a broad spectrum of AT devices from hearing aids and canes to advanced wheelchairs, specially equipped automobiles, and personal communications devices.</p> <p>Global sales by companies producing AT products and services in the U.S., according to BIS data, totaled \$2.87 billion in 1999, up from \$2.35 billion in 1997 -- an increase of nearly 22 percent. In fact, demand for AT products produced in the United States increased from 1997 through 1999 in almost every major market around the world. These figures represent sales by U.S.-owned companies in the United States as well as revenues of the U.S. business units of foreign companies.</p> <p>BIS's data understate total sales by AT companies operating in the United States because many firms did not participate in the AT industry study, or did not report sales information. An executive of one U.S. mobility equipment company, for example, estimates the domestic market for his type of products alone (excluding simple wheelchairs) at \$1 billion annually.</p>
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