國立台灣大學技術行銷表

台大案號: 06A-100118 (由產學組填寫)

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| 多人多點觸控板 |
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| 康仕仲/臺灣大學土木工程學系 |
| (非機密性技術內容描述,以供推廣或外界參考 (100 字內)) |
| 發展『多人多點觸控板』,配合 Windows 7 多點觸控的功能的硬體設備。希望能支援多人,與一台或多台電腦做互動。 |
| 使用場景 1: 工程會議或設計會議。 |
| 大家在討論圖面時,把自己個別的想法加到圖面,由於觸控板訊號來自 |
| 不同的地方,圖面上可以把不同人的筆觸和註解用不同的顏色表示,達 |
| 到溝通的目的,且有記錄的效果。 |
| 使用場景 2: 教學環境。 |
| 師生之間可以有更多的互動可能,例如老師可以出問題,大家來填答 |
| 案。或者是學習小組可以共同創作等。 |
| (與現有之技術相比較後,列舉此項技術的優點) |
| 1. 多點觸碰功能:可結合未來 windows 7 之內建多點觸碰程式 |
| 2. 隨插即用:未來使用該項產品時,只需要直接購買此硬體,而不需要購 |
| 置相關之軟體即可使用,此概念非常相似於現在使用之滑鼠隨插即用之 |
| 概念。也可以取代現有的手寫版硬體。 |
| 3. 可支援多人使用(group dynamic) |
| (可用量化方式說明市場潛力,或預估可帶來的效益等) |
| 1. 可適用於各類公司行號,以協助會議之進行。 |
| 2. 在教學環境方面,目前著重於國小之教學上,而國小學童為目前教育體 |
| 制中人數最多的一群。 |
| (由技轉組填寫) |
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Revised: 20090921

Marketing Abstract of NTU's Invention Disclosure

NTU's docket no: 06A-10011B (由技轉室填寫)

TTO contact:

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| Title | Multi-people and multi-points touch panel |
|--------------|--|
| Inventor (s) | Shih-Chung Kang |
| Brief | $(\leq 100 \text{ words of non-confidential information})$ |
| Description | We would like to develop a new touch panel with multi-people and multi-touch characteristic to let many people can interact with one or more computers at the same time. |
| | Scenario1: Meeting Room |
| Fields of | Anyone could add his own idea on this panel when he is joining the meeting. The ideas coming from different panels will be represented in different color to achieve the goal of communication and recording. |
| Application | Scenario2: Teaching Circumstance This panel increases the possibility of interaction between teachers and students. For example, the teacher would give his students some questions, and then the students could give his own answer through the panel or the study group could answer the questions cooperatively. |
| Advantages | (when compared to the existing technologies) |
| | Multi-touch function: This panel would combine the programs in Windows7. Mouse-Like characteristic: You can use it when you connect it to any computers without specific software. Group dynamic: It could be used by many users at the same time. |
| Market | 1. It could be used in any kind of companies. |
| Potential | 2. It could be used in the teaching circumstance, especially in the elementary school. |
| IP Right(s) | (由技轉室填寫) |

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