國立台灣大學技術行銷表

台大案號: 06A-091110 (由產學組填寫)

產學合作中心聯絡人： 電話： e-mail：

產品/技術名稱	鋰離子電池負極材料
發明人/單位	吳乃立、趙崧傑/化工系
產品/技術說明	多孔性錫粒子，可作為高容量鋰離子電池負極材料
應用範圍	鋰離子電池
產品/技術優勢	具較石墨負極商品多出 50%以上之電容量
市場潛力	該專利尚在概念階段，若試量產成功，預估每年可達數新台幣千萬以上的市場潛力
產品/技術 智財權保護方式	（由技轉組填寫）

Marketing Abstract of NTU's Invention Disclosure

NTU's docket no:_____(由技轉室填寫)

TTO contact： Tel： e-mail：

Title	High-capacity Anode material for Li-ion Battery
Inventor (s)	Nae-Lih Wu, Sung-Chieh Chao /Department of Chemical Engineering
Brief Description	(≤ 100 words of non-confidential information) This invention includes porous tin powder, which is suitable for Li-ion Battery as an anode material.
Fields of Application	Li-ion battery
Advantages	(when compared to the existing technologies) Compared with commercial graphite anode, the invention has the advantage of greater capacity by more than 50%.
Market Potential	The invention is at the conceptual stage, and bench-scale production of the powder is currently undergoing. With successful outcome, the product has the market potential of more than >10,000,000 NTD/yr.
IP Right(s)	