

Summary of Linkage Projects Applications for Funding to Commence in 2006

Victoria

Swinburne University of Technology

LP0667802 Prof E Shayan; Prof SH Masood; Dr F Ghotb

Approved Project Title **An advanced design support system for sofa furniture manufacturing**

2006 : \$80,000

2007 : \$80,000

Primary RFCD 2802 ARTIFICIAL INTELLIGENCE AND SIGNAL AND IMAGE PROCESSING

APA(I) Award(s): 1

Partner Organisation(s)

Moran Furniture

Administering Institution Swinburne University of Technology

Project Summary

Moran currently exports its products and has an established brand name in Australia and parts of Asia due to its long-term emphasis on the structure and comfort of its furniture. However it, like the whole of the furniture industry in Australia, faces a growing threat from cheap substitute imports. Lowering the manufacturing cost and lead-time, as well as offering a wide variety of designs, are strategic tools for Moran and other Australian furniture manufacturing companies. Development of a consolidated design approach to respond rapidly with the needed accuracy, which in turn guarantees the desired results, would greatly benefit Moran and other Australian companies who adopt it.