

24 July 2014

Lodged by ASX Online

The Manager
Company Announcements Office
ASX Limited
Level 4, 20 Bridge Street
Sydney, NSW 2000

Dear Sir /Madam

Patents Granted for New TZ SMARt Locking Devices

TZ Limited (“**TZ**”, the “**Company**”) is pleased to announce that patent applications relating to new types of TZ SMARt Locking and Fastening Devices have been granted in Australia and Japan. The application has also been accepted in China and is proceeding to grant. The applications in the US and Europe are currently undergoing patent office examination.

The patent covers a range of shape memory alloy actuated or smart materials actuated fasteners, fastening and locking systems, fastener assemblies and other related areas that represent embodiments and improvements over TZ’s prior art in the intelligent fastening device space. Specifically the patents cover TZ’s range of SMARt Devices known by the Company as the Beam Clip, Ring Grip and In-Line Fasteners which represent a broad array of alternative form factors, actuating methodologies and mechanisms.

The Beam Clip is of particular interest as it demonstrates the possibilities for a new type of electronically controlled snap joint. A snap joint is a very simple, economical and rapid way of joining two different components. Snap joints work on the principle that a protruding part of one component, e.g. an overhang clip, is deflected briefly during the joining operation and catches in an undercut in the mating component. Snap joints are used extensively in plastics design to clip moulded housings together. TZ’s Beam Clip is unique in that the flexing can be controlled so that when remotely actuated it bends backwards away from the undercut to release the mating component. This device represents TZ’s smallest fastening form factor and the potential for an extremely low cost fastening alternative.

Kenneth Ting, Executive Director of TZ Limited, stated “This patent grant demonstrates our strong proprietary position in this technology space. Of our range of locking and fastening devices, only our Radial device has been commercialised and is currently used extensively in our data centre and parcel locker offerings. These new device form factors will support new applications of our technology going forward. For example, our new TZ SwingHandle™ electronic upgrade module is utilising the In-Line actuator mechanism covered in the patents. The investment in R&D and in our patent portfolio over the years has given us a rich platform that offers the potential for an extensive range of compact TZ SMARt Devices suitable for a range of applications that should assist us in moving towards our ultimate goal of making TZ Devices as ubiquitous as the common key lock.”

About TZ Limited

TZ Limited is a technology company that is listed on the Australian Stock Exchange. TZ is the leader in SMARt Device™ technology combining state-of-the-art SMA actuated intelligent fastening and locking devices with TZ remote software control. TZ's systems deliver asset level protection and compelling solutions for security, monitoring and control applications across a number of market segments. The Company currently supplies market leading solutions to major corporations worldwide to the Data Centre industry and in the Automated Parcel Locker and E-Commerce market.

For additional information on TZ Limited, please visit www.tz.net.