



Eastland Medical
Systems Ltd

20 April 2004

The Manager
The Company Announcements Platform
Australian Stock Exchange Limited
Level 4
20 Bridge Street
SYDNEY NSW 2000

By E-Lodgement of 3 pages

Dear Sir

EMS Expands Patent Coverage on PAP Technology.

The Directors of Eastland Medical Systems Ltd (Eastland) are pleased to advise that the Company has lodged three further patent applications extending earlier patents for the application of PAP technology.

A copy of the company's Media Release is attached for release to the market.

Yours sincerely

**DON O'SULLIVAN
MANAGING DIRECTOR**

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EASTLAND MEDICAL SYSTEMS EXPANDS PATENT COVERAGE ON P.A.P. TECHNOLOGY

Eastland Medical
Systems Ltd

The Directors of Eastland Medical Systems Ltd (Eastland) are pleased to advise that the Company has lodged three further patent applications extending the earlier patents for the application of P.A.P. technology for use in the manufacture of precision ground component parts for the Motor, Aircraft and other Engineering Industries.

The initial patents for Eastland's P.A.P. precision grinding needle technology form the basis for the manufacture and supply of **"Clip-On"** and other speciality hypodermic and surgical needles for use in the medical and related professions. The technology now incorporated in the three new patent applications expands the scope and application of the technology to other industries requiring precision grinding of component parts.

The new patent applications enhance Eastland's scope of operations beyond a developer of parenteral devices and the manufacturer and distributor of hypodermic and surgical needles and other surgical products to incorporate the supply of precision grinding technology to other industries.

The benefits of this technology are such that Eastland is taking advantage of its unique position and revolutionary innovation and intends to pursue opportunities to license the technology and develop strategic alliances throughout the world for this technology.

The development of the P.A.P. grinding technology to produce Eastland's **"Clip-On"** special hypodermic needle and the Portland range of specialty hypodermic and surgical needles is well advanced, and Eastland is on course to have P.A.P. produced **"Clip-On"** needles available in the near future with the **"Clip-On"** Safe Retractable Needle entering the market shortly thereafter.

Completion of the current stage of the development of the P.A.P. needle grinding technology allows Eastland to compete for a share of the US\$3.5 billion global market for hypodermic and surgical needles as a direct participant for its own specialty products and as a contract manufacturer for major distributors currently supplying these and overseas markets.

Commercialisation of the new patent applications expands the scope of the needle grinding technology and will allow Eastland to participate as a licensee or direct participant via strategic alliances in a US\$20 billion global market for the motor industry and related engineering industries requiring precision grinding of component parts.

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Eastland's Directors are delighted with this lodgement for extended Patent applications and expect to be in a position to update the market on further developments in these new areas of opportunity in the coming months. The new patent lodgements provide further evidence of Eastland's innovative and revolutionary technologies and the Directors are genuinely excited by the opportunities presented to the Company's shareholders as a result.



F. Don O'Sullivan
Managing Director and CEO
Eastland Medical Systems Ltd

For further information, please contact Don O'Sullivan or David Whitelaw,
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