



The New Inventors

Presented by James O'Loughlin



The Next Nintendo . . . ?

85-year-old inventor . . . no drip!

. . . and a tool belt for nurses

Wednesday, April 6th at 8.00pm (Ep. 9)

ABC TV's most popular program **The New Inventors** continues its stellar run tonight with three more fantastic inventions.

In his own inimitable style, host James O'Loughlin, introduces an invention that will revolutionise the seedy world of drip irrigation, a tool belt for nurses and a new video game that involves physical activity.

And in a further look at what Houses of The Future may be like **The New Inventors** inspects an environmentally responsive ultra-low energy living, self-cleaning Glass House by UTS architect James Muir that uses nanotechnology to keep it cool in summer and warm in winter.

#1. K.I.S.S.S. (Capillary Irrigation Sub-Surface System)

85-year-old Sydney inventor Atholl Murray and his business manager David Hinton have developed a remarkable underground drip irrigation system that makes the most out of every last drip of water. Ever since boyhood, fifth generation farmer, Atholl Murray, has been concerned about water conservation. The KISSS system uses a mixture of drip line, polyester geotextile (woven) and polyethylenes (plastic) to spread water underground more evenly and efficiently. The millions of absorption points between the threads of the geotextile fibres minimises water loss and improves already efficient drip irrigation systems by up to 30%.

#2. Nurse's Joey

Former Melbourne nurse Wendy Miles has designed a handy 16-pocket utility pouch for nurses to carry all their essential implements, instruments and products. The one size fits all pouch – washable to ensure it does not pose an infection risk - sits flat across the abdomen and is simply buckled at the waist or hips. For time constrained nurses the pouch gives quick and easy access to essential medical implements used in daily duties such as thermometers, scissors, gloves, sterile packages, tapes and pens etc. The Nurse's Joey is a time management tool that enhances patient care each day by freeing up valuable time normally spent running back and forth to collect essential nursing implements.

#3. E-Ball Game

Many parents bemoan the fact that their kids spend far too much time playing video games and not nearly enough time running around getting some exercise. Parents worry that while they may grow up to have incredibly dexterous thumbs they will be slovenly and overweight.

Melbourne IT specialist Tony Course inspired by his kids love of sport and electronic games has designed a real-time electronic ball game simulator that involves physical activity. E-Ball is a ball sports simulator for video arcades that can be adapted to a range of ball games. The prototype system features Australian Rules Football (AFL) and has hundreds of infrared sensors that track in real time accuracy when kicking for goal or handballing at a target. The infrared sensors, in front of on screen images and realistic sound effects, measure kicking trajectory and speed to produce a real time response that enhances the thrill of the simulator.

www.abc.net.au/newinventors

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For more information, preview tapes, photographs and interviews please contact:

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