Supporting IP-based Commercialisation in the Digital Environment

Australia’s Experience

Lauren Stokoe, Manager, Source IP and Assistant Director, Innovation, IP Australia.
Why is Collaboration Important?

‘Collaboration with research organisations and universities has been found to more than triple the likelihood of businesses reporting annual productivity growth’

- Australian Innovation System Report 2016

Source: http://www.wipo.int/cooperation/en/funds_in_trust/
The Role of Intellectual Property

About this Patent
This platform technology is a method to prepare polymers using visible light. This method is both gentle and highly controlled offering widespread application, especially in the fields of technology and biotechnology. This photo polymerisation technique allows for the preparation of simple polymers, polymer blends, block copolymers, and interpenetrating polymer networks.

http://www.innovations.unsw.edu.au

Source IP Listing – AU2015900939

Source: https://sourceip.ipaustralia.gov.au/
Explore UNSW Innovations's research ecosystem...
<table>
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<tr>
<th>Licensing Options</th>
<th>Application Status</th>
<th>Technology Field</th>
<th>Organisation</th>
<th>Invention Title</th>
<th>Invention Code</th>
<th>Inventor(s)</th>
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<tr>
<td>No Cost Licence Available</td>
<td></td>
<td></td>
<td></td>
<td>A radiative energy concentrator</td>
<td>AU2015210329</td>
<td>LI, QIUWAN, ROSENGARTEN, GARY, TAYLOR, ROBERT A.; ZHENG, CHENG</td>
<td>2015</td>
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<td>Licence Available</td>
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<td>Hybrid solar cell contact</td>
<td>US201214009669</td>
<td>WENHAM STUART ROSS; MAI LY</td>
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<td></td>
<td>Method for patterned etching of selected material</td>
<td>EP2245635</td>
<td>Ho-Baillie, Anita Wing Yi; Lennon, Alison Joan; Wenham, Stuart Ross</td>
<td>2009</td>
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<td>High efficiency solar cell fabrication</td>
<td>AU2006317517</td>
<td>Kuepper, Nicole Bianca; Mai Ly; Tjahjono, Budi; Wenham, Stuart Ross</td>
<td>2006</td>
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<td>licence Available</td>
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<td>Low area screen printed metal contact structure and method</td>
<td>AU2006317517</td>
<td>Kuepper, Nicole Bianca; Mai Ly; Tjahjono, Budi; Wenham, Stuart Ross</td>
<td>2006</td>
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<td>Method of forming openings in selected material</td>
<td>AU2008210253</td>
<td>Ho-Baillie, Anita Wing Yi; Lennon, Alison; Utama, Roland Yudiantibata; Wenham, Stuart Ross</td>
<td>2008</td>
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<td>Licence Available</td>
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<td>Transparent conductors for silicon solar cells</td>
<td>AU2006255483</td>
<td>MAI, LY, TJAJHONO, BUDI; WENHAM, STUART ROSS</td>
<td>2006</td>
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<td>Metal contact scheme for solar cells</td>
<td>US201113805403</td>
<td>LENNOC ALISON JOAN; LU PEI HSUAN; CHEN YANG</td>
<td>2011</td>
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Innovation Challenges

Innovation Challenges are designed to create opportunities for business and research organisations to work together to solve real-world problems.

The Data61+ Expert Connect Innovation Challenge platform, developed in collaboration with Source IP and a range of private and government partners, consolidates business problems from around Australia and the world into a single platform.

These Challenges are powered by Expert Connect. For more information see https://expertconnect.global.

Find Challenges

Found 42 challenges.

- **Wege Prize**
  - **Wege Prize 2019**
  - The Wege Prize 2019 will be revisiting the following wicked problem: How can we create a circular economy?
  - **Open until** 18th November 2018
  - **Posted by** The Wege Foundation
  - **Anticipated funding** $30,000
  - Read more on Expert Connect

- **Melbourne Water**
  - **Innovation competition to reduce Scope 1 greenhouse gas emissions**
  - Passionate about fighting climate change? Melbourne invite you to join their contest for innovative ways to reduce or eliminate Scope 1 greenhouse gas emissions (methane and nitrous oxide) from their wastewater treatment plants.
  - **Open until** 3rd December 2018
  - **Posted by** Melbourne Water
  - **Anticipated funding** $200,000
  - Read more on Expert Connect

- **Get To The Core II - Revenge of the Depths**
  - This is a follow up competition to Get 2 The Core, which successfully provided an automated solution for cropping rows of core. This next challenge seeks to automate the identification of depth measurements within an image to expedite the depth registration process.
  - **Open until** 4th December 2018
  - **Posted by** Newcrest Mining Ltd
  - **Anticipated funding** $20,000
  - Read more on Expert Connect

Source: https://sourceip.ipaustralia.gov.au/
Intelligent search connecting you with Australian expertise

Open Innovation Tools

- InnovationMap
  - Interactively explore innovation-related data.

- Innovation Challenges
  - Find and solve Innovation Challenges, or post your own.

- Innovation Platforms
  - Tools to access knowledge, talent, funding or stakeholder input.

Source: https://expertconnect.global/
Source IP Evaluation

- 135,000 Page Visits
- 110 Countries
- 1500 Contact Requests
- 9,000 Patents
- 67 Research Organisations
Case Study

Forcite helmets given Source IP headstart

Smart helmet: headstart to success with Source IP

Source: www.forcite.com.au
Building Source IP

Source IP - High Level Solution Design

- Highly accessible
- 24/7 access
- Easy to use
- Access to Research Organisations
- Ability for contact requests to be sent directly to Patent owners
- Scalable
Source IP Market Research

<table>
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<th>Research Organisations</th>
<th>Businesses</th>
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<tr>
<td>- Time consuming to update listings.</td>
<td>- Difficult to navigate and find relevant technology – no private or international patents.</td>
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<td>- Administratively burdensome.</td>
<td>- Patent specifications are too complex.</td>
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<td>- Contacts made through Source IP are often irrelevant.</td>
<td>- Research organisations have an overinflated view of what IP is worth.</td>
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<td>- Majority of leads come from personal connections and industry events.</td>
<td>- Research timeframes are often incompatible with realities of market.</td>
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<td>- Difficult to form agreements with business.</td>
<td>- Legal advice is expensive.</td>
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</table>
Lessons Learned and Next Steps
Thank You
Contact us

1300 65 1010 (9am – 5pm)
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linkedin.com/company/ip-australia
youtube.com/user/ipaustralia