Neometals Grant of Battery Recycling Patent

Neometals (ASX / AIM: NMT)

Announced that the Australian Patent Office has granted Neometals' 50% owned
recycling intellectual property subsidiary, A.C.N. 630 589 507 Pty Ltd a patent for the key process steps of its lithium-ion battery recycling process.



Primobius Werkstatt Hilchenbach Plant, Germany

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Neometals	ASX / AIM : NMT

Stage	Production + development
Metals	Titanium + Vanadium + lithium + nickel
Market cap	A$351 m @ A$.63
Location	Western Australia, Germany, Finland, USA

Neometals Grant of Battery Recycling Patent

Neometals Ltd (ASX: NMT & AIM: NMT) ("Neometals" or "the Company"), is pleased to announce that the Australian Patent Office has granted Neometals' 50% owned recycling intellectual property subsidiary, A.C.N. 630 589 507 Pty Ltd ("ACN Co"), a patent for the key process steps of its lithium-ion battery recycling process ("LiB Recycling Technology").

The Australian patent (Australian Patent No.2019400942) is the first to grant of the seventeen national patent applications filed by ACN Co for the LiB Recycling Technology in key jurisdictions across the globe.

The LiB Recycling Technology, co-owned 50% by Neometals' Primobius joint venture partner, SMS group, recovers materials contained in LiB production scrap and end-of-life cells that might otherwise be disposed of in land fill.

The two-stage process recovers nickel, cobalt, lithium and manganese battery materials (and physically recovers metals and plastics) into saleable products that can be reused in the LiB supply chain.

The LiB Recycling Technology prioritises maximum safety, environmental sustainability, and product recoveries, to support the circular economy and decarbonisation.

The LiB Recycling Technology comprises two stages:

1. “Spoke” – Comprising of LiB receipting, sorting, discharging, disassembly together with shredding and separation, to physically separate all of the components of LiBs received, by metal casings, electrode foils, plastics and active battery materials; and
2. “Hub” – Comprising of leaching, purification, precipitation or solvent extraction and crystallisation of the active materials suitable for use in production of LiB precursor, via a hydrometallurgical refining process.

Neometals Managing Director Chris Reed said:

“We are pleased to receive the first granted patent for our battery recycling process from the Australian Patent Office.

“This cements our competitive advantage as a leading provider of recycling solutions and allows Primobius to accelerate its recycling plant supply and licensing business model.

“The validation also provides encouragement that our portfolio of applications in other jurisdictions will

similarly be granted."

To read the full news release, please click HERE

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If you need clarification of any information contained in this note, or have any questions, I will be delighted to assist – Please email andrew@city-investors-circle.com

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Disclosure

At the time of writing the author holds no shares in **Neometals.**

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