

30 JULY 2024

## US Patent Approved for Nexus™ Technology

- > **US Patent Application US 17/753,356 approved**
- > **HITIQ technology now supported by foundational IP protection in key jurisdiction**
- > **Data categorization key aspect of IP related to field performance of technology**

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**HITIQ Limited (ASX: HIQ) (HITIQ or the Company)**, a global leader in concussion management technologies, is pleased to announce the company has been approved a US Patent relating to impact processing technology for its Nexus™ technology.

The US Patent and Trademark Office has issued a Notice of Allowance for HITIQ's patent application US 17/753,356 "Processing of Data Collected Via an Instrumented Mouthguard Device, Including Identification of False Impacts". The company expects the patent to be formally awarded in the coming months.

This patent facilitates optimal impact processing and data categorisation, enabling the delivery of reliable field data. HITIQ's novel approach neutralises noisy field environments experienced by the device particularly around classifying and removing false positive data.

Solving for this problem technically and holding the relevant IP allows HITIQ to unlock an array of commercial opportunities within the company's key target market. Provisioning of trustworthy data to customers is an integral component of the company's commercialisation strategy and is a commercial differentiator.

The company looks forward to notifying the market once the Patent is formally awarded.

### **Commenting on the Patent, HITIQ Chief Executive, Mike Vegar, said:**

*"Receiving approval for our maiden US patent signals our technology as globally relevant and helps forge a pathway into the US, our key commercial jurisdiction."*

*"This approval ensures our ability to protect an integral component of our product and technology in the largest addressable market within our product category."*

*"We will continue to build our global patent portfolio with our pipeline of IP activity to gradually emerge."*



### **About HITIQ's Nexus™**

Instrumented Nexus™ mouthguard - Embedded in a custom fit, custom calibrated mouthguard, HITIQ's independently validated impact sensor captures the frequency, location and intensity of all head impact exposures. For further information please visit: <https://www.hitiq.com/nexus>

This announcement is authorised for release by the HITIQ Board of Directors.

### **Ends**

For more information, contact: [investors@hitiq.com](mailto:investors@hitiq.com)

### **About HITIQ**

HITIQ has an evidenced-based brain care solution company deploying world-class technologies.

Our solutions include a sensor-enabled mouthguard to an AI-enabled data analytics interface and, best in class return to play/work support software.

Our technology enables data driven decisions for thousands of professional and amateur sports players who experience brain impacts, empowers clinicians who care for their brains and enhance concussion management policies for progressive leagues around the globe.

Our customers include the Australian Football League (AFL), English Premier League (EPL), and the National Rugby League (NRL), along with numerous other teams in a variety of sporting codes. We also service universities and research organisations studying the impacts (both short and long-term) of repeat head impacts.