

ASX Announcement

FBR Limited



FBR strengthens Intellectual Property portfolio

Thursday, 2 November 2023 – Robotic technology company **FBR Limited (ASX:FBR)** ('FBR' or 'the Company') is pleased to advise that it has filed nine new International PCT patent applications covering a range of technologies involved in the next-generation Hadrian X[®], bringing the total number of patent families covering the Hadrian X[®], DST[®], the Fastbrick Wall System[®] and adjacent outdoor robotics applications utilising FBR's core technology to over 40.

The filing of these applications further strengthens FBR's leading position within the construction robotics space, and is in line with the Company's strategy of securing the commercial opportunity for dynamically stabilised placement of product in outdoor, uncontrolled environments through long-term patent protection. The recent filings capture a number of FBR's research and development efforts relating to the next-generation Hadrian X[®], including the protection of the new modular design and distributed control architecture, and the shuttle-based block delivery system that transports blocks from the base of the machine to the laying head, enabling faster block delivery, eliminating block handovers between different modules and opening up avenues to lay or place other materials such as roof tiles.

The next-generation Hadrian X[®] is far more advanced than its predecessor, with improved lay speed, boom reach, reliability, and versatility. The first next-generation Hadrian X[®] is planned to be shipped to the United States in early 2024 to commence commercial activity.

FBR Managing Director and CEO, Mike Pivac commented:

"The intellectual property developed during the design and manufacture of the next-generation Hadrian X[®] is significant in providing FBR with a strategic moat and an on-going commercial advantage as we begin to roll out our Wall as a Service[®] operations in key international markets. Importantly, it is not just the commercial opportunity for our flagship Hadrian X[®] that is being preserved through our Intellectual Property strategy, but also adjacent applications such as roof tiling and 3D concrete printing that will utilise the core technology of a fully mobile, dynamically stabilised system capable of highly accurate placement of product at distance in uncontrolled environments. Our focus continues to be preparing the next-generation Hadrian X[®] for deployment to the United States, and the execution of our Intellectual Property strategy grants us the ability to effectively prioritise our development programs while securing the commercial opportunity for a broad range of applications well into the future."

This announcement has been authorised for release to the ASX by the FBR Board of Directors.

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About FBR Limited

FBR Limited (ASX: FBR) designs, develops and builds dynamically stabilised robots to address global needs in a safer, more efficient and more sustainable way. These robots are designed to work outdoors using the company's core Dynamic Stabilisation Technology[®] (DST[®]).



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The first application of DST[®] is the Hadrian X[®], a bricklaying robot that builds structural walls faster, safer, more accurately and with less wastage than traditional manual methods. The Hadrian X[®] provides Wall as a Service[®], FBR's unique commercial offering, to builders on demand.

To learn more please visit www.fbr.com.au

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