

ASX RELEASE

15 April 2020

## 4DS GRANTED 23rd USA PATENT

4DS Memory Limited (ASX:4DS) (**4DS**) (the **Company**), an industry leader in Interface Switching ReRAM today announced the granting of its 23<sup>rd</sup> patent in the USA: "Resistive Memory Device Having a Template Layer".

The present invention relates generally to the Company's in-house developed and fully-owned Interface Switching ReRAM technology and specifically to its operation as high-speed Storage Class Memory as announced on 13 June 2017 – "4DS ReRAM Reaches Read Speed Comparable to DRAM".

The Company now has 23 granted USA patents and has filed an additional 9 USA patent applications to protect its stream of innovations and to strengthen its intellectual property portfolio in the area of Interface Switching ReRAM for Storage Class Memory comparable to DRAM.

Chief Executive Officer and Managing Director Dr Guido Arnout stated "This twenty-third granted patent was the third 4DS patent that was placed on a fast track granting process. The board and management of 4DS Memory are extremely pleased with the grant of this patent as it again reinforces the uniqueness and importance of the Company's technology in the ReRAM field."

**ENDS**

Authorised for release by David McAuliffe, Executive Director

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### About 4DS

4DS Memory Limited (ASX: 4DS), with facilities located in Silicon Valley, is a semiconductor development company of non-volatile memory technology, pioneering Interface Switching ReRAM for next generation gigabyte storage in mobile and cloud. Established in 2007, 4DS owns a patented IP portfolio, comprising 23 USA patents granted and 9 patent applications pending which have been developed in-house to create high-density Storage Class Memory. 4DS has a joint development agreement with Western Digital subsidiary HGST, a global storage leader, which accelerates the evolution of 4DS' technology. 4DS also collaborates with imec, a world-leading research and innovation hub in nanoelectronics and digital technologies. The combination of imec's widely acclaimed leadership in microchip technology and profound software and information and communication technology expertise makes them unique.

For more information, please visit [www.4dsmemory.com](http://www.4dsmemory.com).

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This release contains certain forward looking statements that are based on the Company's management's beliefs, assumptions and expectations and on information currently available to management. Such forward looking statements involve known and unknown risks, uncertainties, and other factors which may cause the actual results or performance of 4DS to be materially different from the results or performance expressed or implied by such forward looking statements. Such forward looking statements are based on numerous assumptions regarding the Company's present and future business strategies and the political and economic environment in which 4DS will operate in the future, which are subject to change without notice. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward looking statements or other forecast. To the full extent permitted by law, 4DS and its directors, officers, employees, advisers, agents and intermediaries disclaim any obligation or undertaking to release any updates or revisions to information to reflect any change in any of the information contained in this release (including, but not limited to, any assumptions or expectations set out in the release).

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