

16 July 2019

US patent filed for markers used to authenticate artwork

- Patent application filed in the USA, representing the second US patent to be filed in 2019
- Patent covers markers specifically engineered with one or more tracers for use in the authentication of artwork

Security Matters Limited (ASX: [SMX](#)) (Security Matters or the Company), a brand protection, supply chain integrity and blockchain technology company focussed on becoming the global record of physical goods, is delighted to announce it has filed a patent application in the USA for polymers used in the identification and authentication of artwork, including fine and ancient art.

The patent (file number: 62/874,141) relates to polymeric markers comprising one or more tracers that have been developed by [SMX](#). The tracers have been specifically designed to be incorporated into or onto all materials used in all artwork, including fine and ancient art, without modulating the art in any way. This includes all paints, canvases, paper and frames.

[SMX](#) sees a myriad of uses and potential customers for this technology in the world of fine art, not least potentially insurance companies who wish to identify, track and trace valuable original works of art throughout time. Insurance companies create and set quality standards and [SMX](#) remains committed to working with companies that progress the delivery of its core strategy to create a global standard of physical goods.

Each time a marker is read by [SMX](#)'s proprietary reader the record is logged onto the blockchain and the authentication process takes place.

Haggai Alon, Founder and CEO comments:

"With our technology we are now able to create a secure digital twin of any piece of artwork and this patent is evidence of how far we have further developed our unique and proprietary technology to allow its integration into all aspects of artwork."

"This extends to the canvas or paper it is painted on, the paint itself or the frame it is displayed in. Art preservation and anti-counterfeiting is something we have worked very hard at for quite some time and we continue to explore opportunities in the industry."

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For further information, please contact:

Corporate Enquiries


Nathan Barbarich
RM Corporate Finance
P: 08 6380 9200
E: nbarbarich@rmcf.com.au

Media Enquiries

Hannah Howlett
Media and Capital Partners
P: 04 5064 8064
E: Hannah.howlett@mcpartners.com.au

About Security Matters Limited

Security Matters has commenced the commercialisation of its unique, patented technology that uses a hidden chemical-based 'barcode' to permanently and irrevocably 'mark' any object, be it solid, liquid or gas. The barcode is read using the company's unique 'reader' to access the corresponding stored data, recorded and protected using blockchain technology.

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