

ASX RELEASE**18 November 2021****ASX: NVU**

Nanoveu Receives Patent Approval for EyeFyx

Highlights

- **Nanoveu has received Patent Cooperation Treaty approval for EyeFyx, with the patent securing intellectual property rights in 18 countries.**
- **EyeFyx provides vision correction for screen images and is Nanoveu's first exclusive patent in vision-based films.**
- **The potential market size for Eyefyx is significant with 1 in 4 people globally affected by farsightedness¹, and the global spectacle lens market expected to reach US \$61.1b by 2026².**
- **The patented technology underpins Nanoveu's role in enhancing the value, uses and safety of digital screens and devices.**

Nanoveu Limited ("**Nanoveu**" or the "**Company**") (**ASX: NVU**) is pleased to announce it has filed and received Patent Cooperation Treaty approval for its EyeFyx project from the International Bureau of the World Intellectual Property Organisation, with the patent securing intellectual property rights in multiple markets including the USA, Japan, China, Australia and Europe including the UK. The progression to this stage in the patenting process follows the completion of prototype lenses for which patents were previously lodged (see *ASX announcement of 17 November 2020*).

EyeFyx provides vision correction for screen images through the use of a film that is imprinted with different nano-lens structures, in conjunction with software to ensure functionality across a range of digital screens and eyesight strengths.

With the use of EyeFyx, images and text on digital screens, including computer screens and in-vehicle LED devices are adjusted, allowing people that suffer from farsightedness (presbyopia) to view images on screens without requiring reading glasses. The technology uses nano-imprinting lithography (NIL) to produce a thin-film lens which can be applied to selected digital devices, combined with an embedded software that renders clear images onto the retina of a person with blurred vision.

¹<https://www.sciencedirect.com/science/article/pii/S0161642017337971>

²<https://www.businesswire.com/news/home/20211028005507/en/Global-Spectacle-Lens-Market-2021---2026-Growing-Demand-for-Vision-Correction-in-the-Age-of-Digitalization---ResearchAndMarkets.com>



The Company worked with Nanyang Technological University, Singapore (NTU Singapore) in the development of the Eyefyx project from invention to its current stage.

Nanoveu Founder and CEO, Alfred Chong, commented: “We are very excited for Nanoveu to be granted Patent Cooperation Treaty approval for EyeFyx, as it represents one of the next steps in the commercialisation process. A significant market exists for Eyefyx and we now look forward to advancing commercial discussions with interested parties globally.”

Presbyopia affects over one in four people³, and is a gradual loss of the ability for a human eye to focus on objects. Presbyopia is normal with aging and typically becomes noticeable in middle age and continues to deteriorate with age.

With more dependence on digital screens and dual screen environments, many sufferers must resort to bifocal spectacles, or constantly look through and around their spectacles.

The global spectacle lens market presents a significant opportunity for EyeFyx, with the global market for spectacle lens market valued at US \$45.4b in 2020 and expected to reach US \$61.1b by 2026⁴.

EyeFyx provides a solution for digital displays that is affixed to the screens to address Presbyopia.

With Nanoveu now granted Patent Cooperation Treaty approval for EyeFyx, the Company is investigating opportunities to commercialise the technology.

- Ends -

This announcement has been authorised for release by the Board of Directors

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³<https://www.sciencedirect.com/science/article/pii/S0161642017337971>

⁴<https://www.businesswire.com/news/home/20211028005507/en/Global-Spectacle-Lens-Market-2021---2026-Growing-Demand-for-Vision-Correction-in-the-Age-of-Digitalization---ResearchAndMarkets.com>



About Nanoveu Limited

We are technology innovators who specialize in modern, cutting-edge nanotechnology that improve the way we live, from reducing contagious transmissions on high touch points to immersive vision-based entertainment. <https://www.nanoveu.com/>

Nanoshield - is a film which uses a patented polymer of Cuprous embedded film to self-disinfect surfaces. Nanoshield antiviral protection which is available in a variety of shapes and forms, from mobile screen covers, to mobile phone cases and as a PVC commercial film, capable of being applied to a number of surfaces such as doorhandles and push panels. The perfectly clear plastic film contains a layer of charged copper nanoparticles which have antiviral and antimicrobial properties. This technology is also being applied to fabric applications targeting use in the personal protective equipment sector.

EyeFly3D - is a film applied to digital displays that allowed users to experience 3D without the need for glasses on everyday mobile handheld devices.

Customskins - are vending machines capable of precisely applying screen covers to mobile phones with an alignment accuracy of 150 microns.

EyeFyx - currently in research and development stage, EyeFyx is a vision correction solution using hardware and software to manipulate screen output addressing long-sightedness without the need to wear reading glasses.