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ASX RELEASE **17 July 2020**

ASX: NVU

Investor Webinar Presentation

Nanoveu Limited ("Nanoveu") participated in the ShareCafé "Micro/Small Cap "Hidden Gems" Webinar held on Friday 17 July 2020 from 12:30pm AEST / 10:30am AWST.

A copy of the investor presentation delivered during the webinar is attached.

- Ends -

This announcement has been authorised for release by Nanoveu's Executive Chairman and CEO.

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About Nanoveu:

Nanoveu's EyeFly3D™ product converts 2D digital displays into 3D without the need for 3D glasses. EyeFly3D™ has won numerous industry awards and is currently available for Apple iPhones and Google Pixel 3 phones.

Nanoveu is expanding its product range with the development of three complementary technologies:

- EyeFyx, to enable people with age-related farsightedness (presbyopia, one of the most common types of vision loss, affecting nearly one-quarter of the world's population and anyone living beyond middle age) to read smartphones and tablets without wearing reading glasses;
- Anti-reflective protectors, reducing screen reflection for smart phones and tablets; and
- Antiviral protectors, providing protection from viruses and bacteria.

Further, Nanoveu offers laminating machines for precise and bacterial free installation of its products on smart phones.

(ASX: NVU)

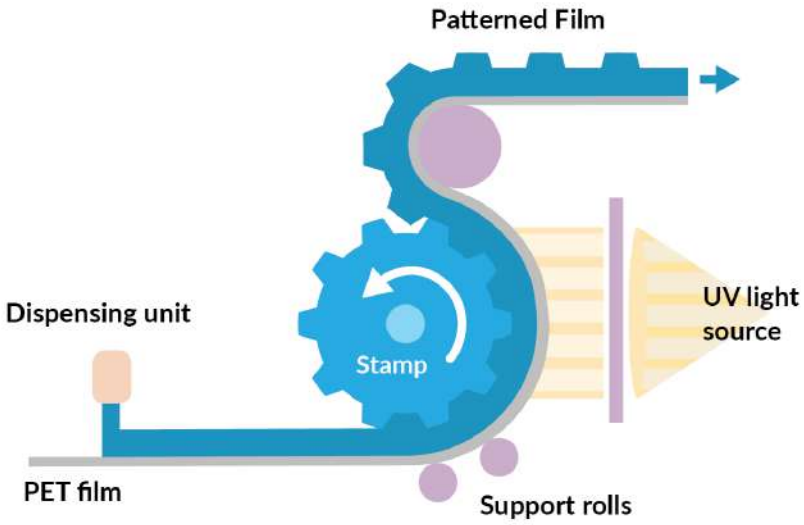
Share Café "Hidden Gems" Investor Presentation

17th July 2020

Why Invest

- Experts in harnessing nano-technology to solve major problems, including anti-viral digital screen protection
- Revolutionary anti-viral digital device protection technology applicable for a multi-billion dollar global market
- Inaugural sales orders filled in July 2020
- Continuing to develop other unique technologies, such as anti-reflective and vision correction applications for digital screens

Technology



- Nano Imprint Lithography (NIL)
- Chemical-free
- Displays 3D in portrait & landscape
- Bright and transparent
- Distortion free
- Easy fabrication process
- Grounded with patents

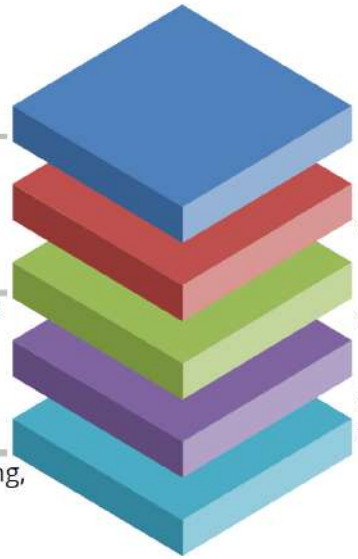
- Resin is dispensed on to PET film
- A mold stamps the imprint
- UV light hardens the imprint
- Patterned film is produced which is cut to size

Technology Overview

SUBSTRATE
- Suitable for Glass, Textile, Polymer, Metals

FORMULATION
- Matrix + Additives + Diluent
- Sol-gel based matrix
- Ag/ ZnO based additives

COATING PROCESS
- Suitable for spraying, dipping, brushing
- Thermal and Ambient cure suitable



ANTI- MICROBIAL
- ✓ 99.9% anti-bacterial efficacy against *E.coli* (ATCC 8739), *S.aureus* (ATCC 6538P)
- ✓ 99.9% against EV-A71 virus

SAFETY
- ✓ Non-cytotoxic (*in-vitro*)
- ✓ Non-skin irritation/ sensitization (according to ISO10993-10)

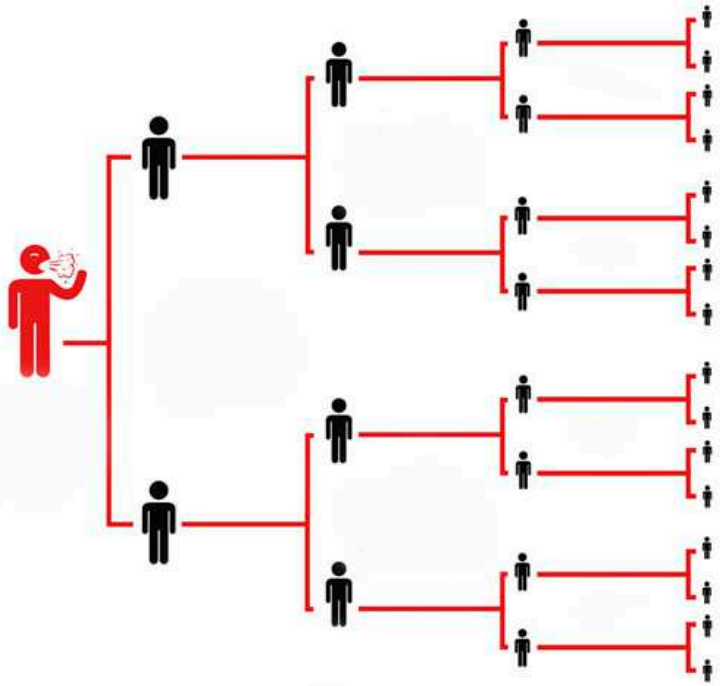
No.	Patent Family	Territory	Application No.	Filing Date	Earliest Priority Date	Patent Application Title	Patent Subject Matter	Status
1	IMR/P/07 553	PCT	PCT/SG2013/000507	29-Nov-13	29-Nov-12	Method Of Forming A Film With A Lenticular Lens Array	Lenticular lens array for glass-free 3D display	Expired
		Taiwan	102143854	29-Nov-13	29-Nov-12			Granted
		China	201380062463.4	29-Nov-13	29-Nov-12			Pending
		Singapore	11201504254Y	29-Nov-13	29-Nov-12			Granted
		US	14/648,063	29-Nov-13	29-Nov-12			Pending
2	IMR/P/07 311	PCT	PCT/SG2013/000340	12-Aug-13	10-Aug-12	Optical Grating	Optical Element with Unique Structure Fabricated on Plastic Substrate	Expired
		SG	11201500992T	12-Aug-13	10-Aug-12			Granted
		US	14/420,833	12-Aug-13	10-Aug-12			Pending
		CN	201380052724.4	12-Aug-13	10-Aug-12			Pending
		EP	13828674.5	12-Aug-13	10-Aug-12			Pending
		JP	2015-526502	12-Aug-13	10-Aug-12			Pending

The New Normal

- Mobile phones are ubiquitous with millions of people around the world owning a device
- All smartphones require touch to operate
- Human contact and sharing phones can easily cause the spread of disease
- Anti-bacterial covers are commonplace but unable to prevent the spread of viruses
- No smartphone protection technology innately fights viruses on your device
- Application to other digital screens – ATMs, point of sale devices, etc.
- Lockdowns, an initial defense seem to be relaxing in spite of the potential of second or third wave
- The only solution is defense

The Problem





- Currently +13 million documented cases of COVID-19 globally
- Transmission of viruses such as COVID-19 can spread exponentially
- Transmission rates significantly higher in affluent Western nations and spreading through the developing world
- Strong awareness of need to limit risk of infection
- Increasing desire for anti-viral protection, especially for devices where touch is required

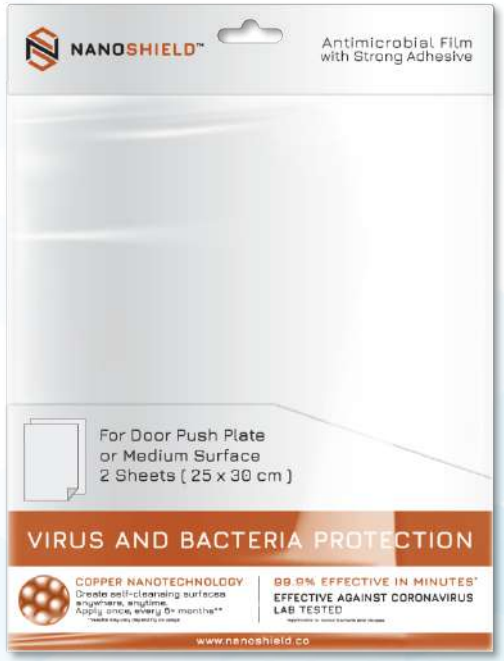
The Solution

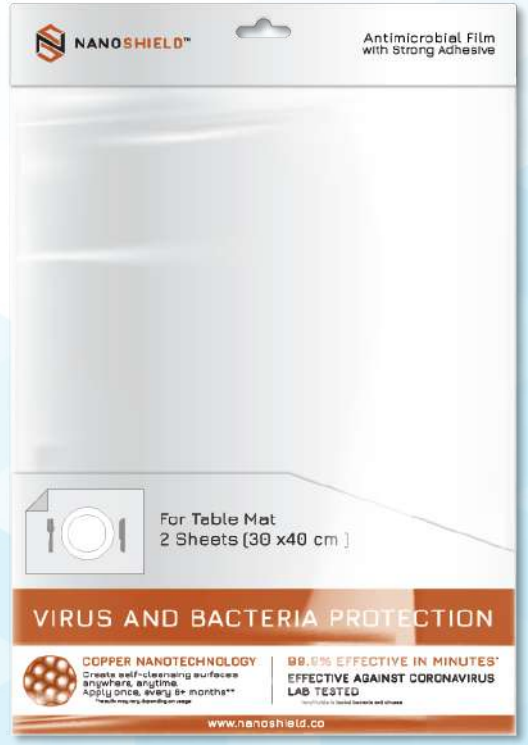
NANOSHIELD™

- Independently tested in Japan, Singapore and the US
- Registered as a Class 1 Medical Device with the TGA in Australia
- Translucent screen capable of 90 percent visible light transparency with hardness of 2H & no wipes or refills required
- Technology can extend to a number of products including:
  - antiviral face shield,
  - phone cases and protectors,
  - antivirus tape; &
  - door handles

Products

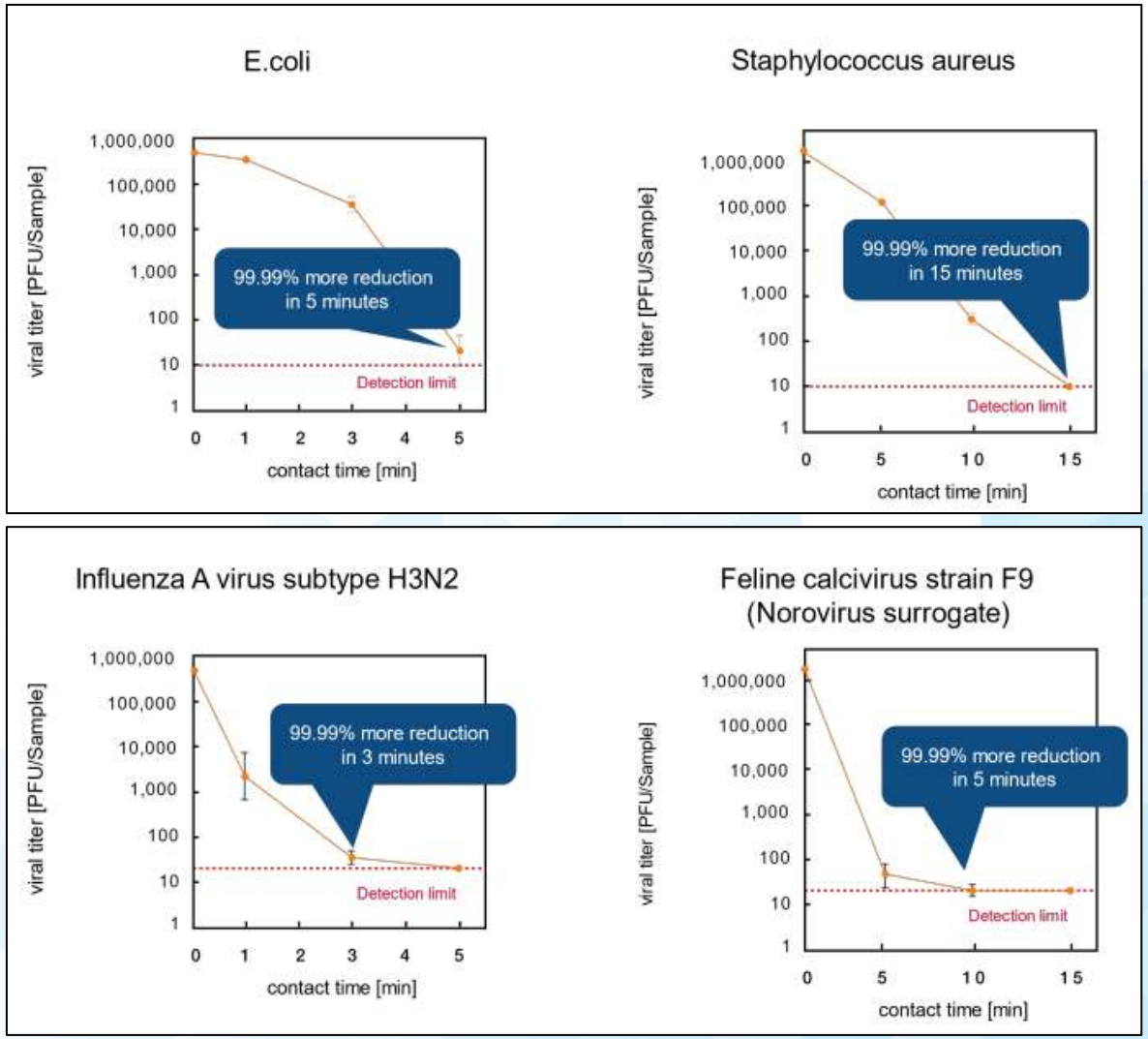
nanoveu
WITH NANOSHIELD™ TECHNOLOGY





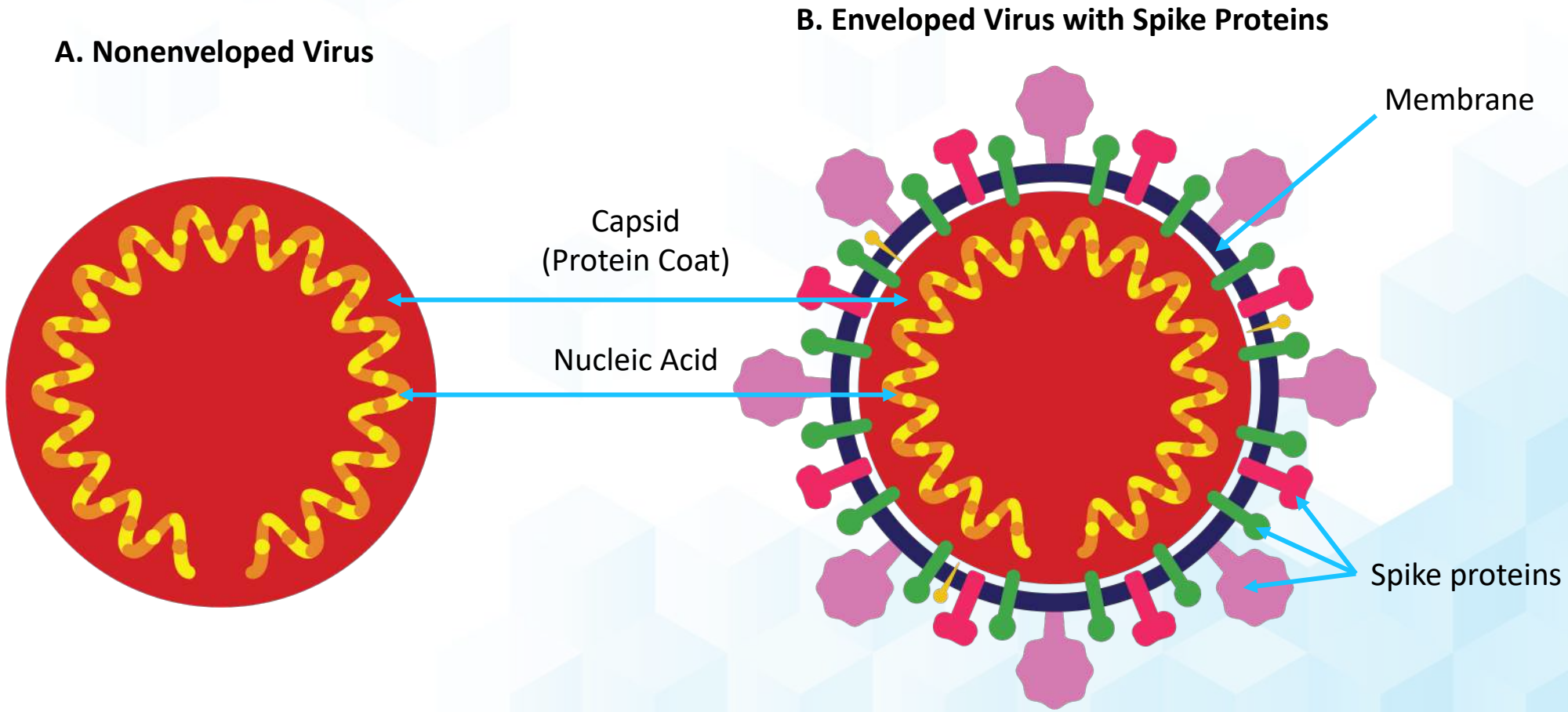
Technology Validation

- Independent testing performed
- In 10 minutes 90% of the mouse-based coronavirus MHV-A59 was eradicated [1]
- 99.99% of human coronavirus strain OC43 was eradicated in 30 minutes [1]
  - OC43 is a betacoronavirus.
  - Betacoronaviruses are single-stranded RNA viruses emerging from animals and are typically associated with respiratory ailments. For example, SARS, MERS, and COVID-19 are all forms of betacoronavirus.
- Product also demonstrated to be effective against the E. coli, Staphyloccus aureus, Influenza A virus subtype H3N2 and Feline clacivirus strain F9 (norovirus surrogate) [1]



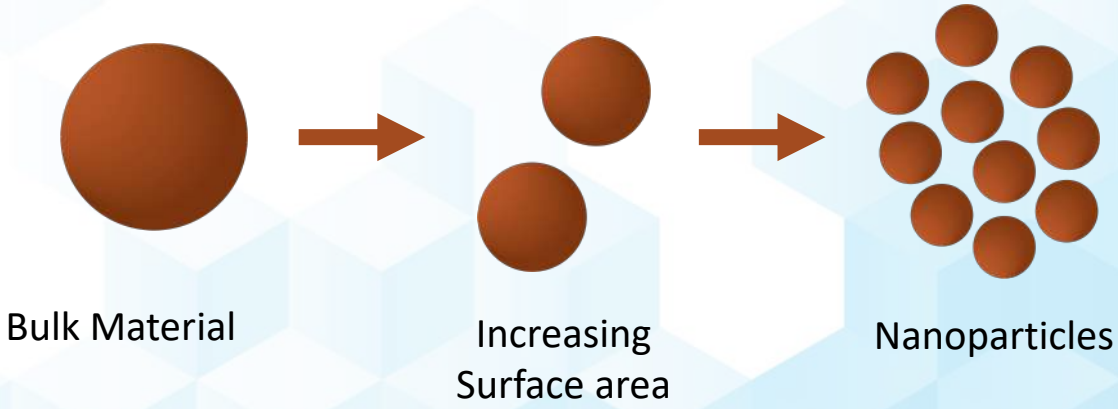
1. Details of the test results can be found in the ASX announcements of 15 April 2020, 5 May 2020 and 25 May 2020

Virus Structure



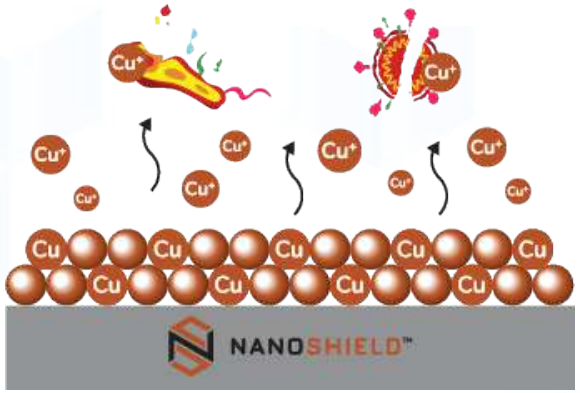
Viruses have a protective layer that attempts to preserve the infectious DNA/RNA inside long enough to infect host cells. Non-enveloped viruses have a capsid protein layer, enveloped viruses have a lipid membrane with spike proteins.

How it Works - Nanoparticles



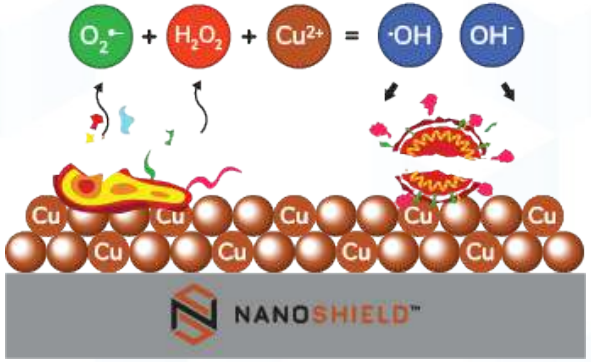
Nanoshield infuses copper (cuprous) ion nanoparticles in the very top layer of film.
Nanoparticles increase the active surface area, reducing self-disinfection time from 2+ hours (traditional copper) to minutes (Nanoshield)

How it Works



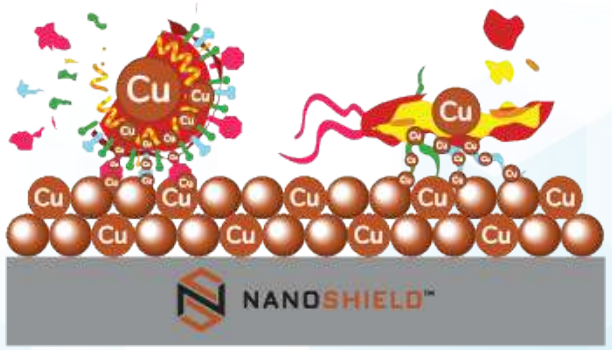
Copper Ions

Nanoshield produces electrically charged copper ions that attach to viruses and bacteria altering their structure, stopping the way they work.



Reactive Oxygen Species (ROS)

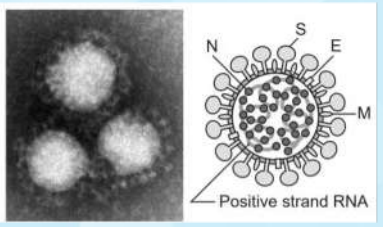
Nanoshield reacts with molecules that are produced by bacteria (H_2O_2 , $O_2^{\bullet-}$) to form a chemical substance called Reactive Oxygen Species (ROS). ROS damages both the proteins and nucleic acids in viruses and bacteria providing an antibacterial and antiviral effect



Direct Contact

All viruses are surrounded by a protective protein layer that holds the infectious components inside. In order for viruses to spread this layer needs remain intact. Nanosheilds copper particles are rapidly absorbed into this protein layer bursting their protective wall

- Copper-based nanoparticles are dispersed throughout the translucent surface
- Copper ions react with atmospheric oxygen producing a chemical reaction creating activated oxygen particles
- These particles act as free radicals which are highly effective agents at killing microorganisms and smaller organic structures
- Anti-viral technology is placed over PET and hybrid glass surfaces for use with smartphones



Pathway To Market

- **Production:**
  - ❖ Mass manufacturing processes and supply chain management in place
- **Regulatory:**
  - ✓ TGA approval received as a Class I medical device
  - ❖ EPA/FDA/CE application underway
- **Sales and Marketing:**
  - ❖ Launch of https://www.nanoshield.co/
  - ❖ Number of B2B and B2C avenues of sales being investigated
- **First sales orders dispatched in July 2020**

Reference Sites

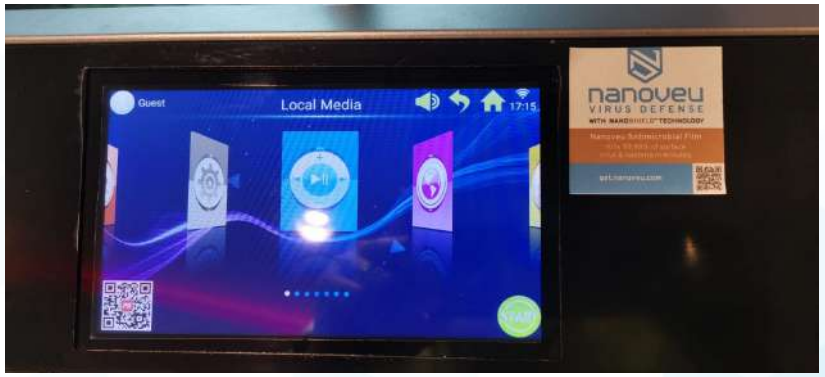
SMALL CAPS

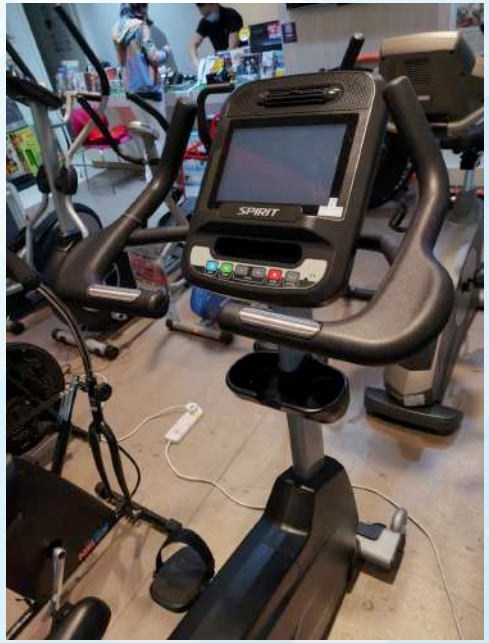
Nanoveu signs agreements to distribute antiviral technology in Singapore and Thailand

By **Imelda Cotton** - *June 24, 2020*

Nanoveu has signed a Singapore distribution agreement for its antiviral film with fitness equipment and wellness provider AIBI.

Technology company Nanoveu (ASX: NVU) has inked an exclusive agreement with Asia-Pacific fitness equipment and wellness provider AIBI Pte Ltd for the distribution of its NanoShield antiviral protection technology in ~~Singapore.~~





Applications

Door Handles

Door Push Plate

Hand Rail

Elevator Button

Electronic Door Buttons

Self-serve Kiosk

Inflight/Onboard Entertainment

ATM

Tablet

Smart Phone

Small Devices

Public Information Display

Educational Table/ Desk

Kitchen Bench Tops

Fitness Equipment

Safety Screen

Other Products

customskins

Vending machine technology which precisely applies screen protectors for the perfect fit

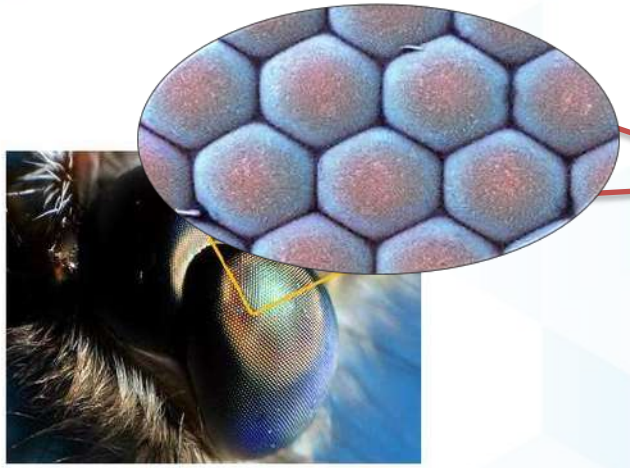
EyeFly 3D

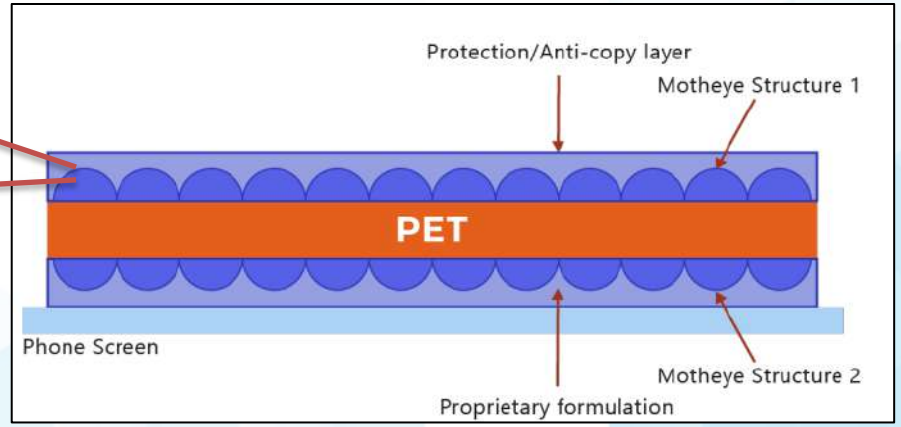
Phone screen protector with ability to produce 3D graphics

Products in Development

EyeFyx

Anti-reflective screen protectors





- Phone screen protector which eliminates the need for reading glasses
- Addresses presbyopia
- Enabling user to read their smartphone/tablet without wearing glasses
- Targeting 2021 product launch

- Anti-reflective coating is applied to hard PET cover which is adhered to a device
- Coating consists of <200nm hills and valleys similar to structures on a moth's eye
- The undulating pattern absorbs light, giving a better response than existing anti-glare technologies
- Coating allows the transmission of visible light up to 99.4%

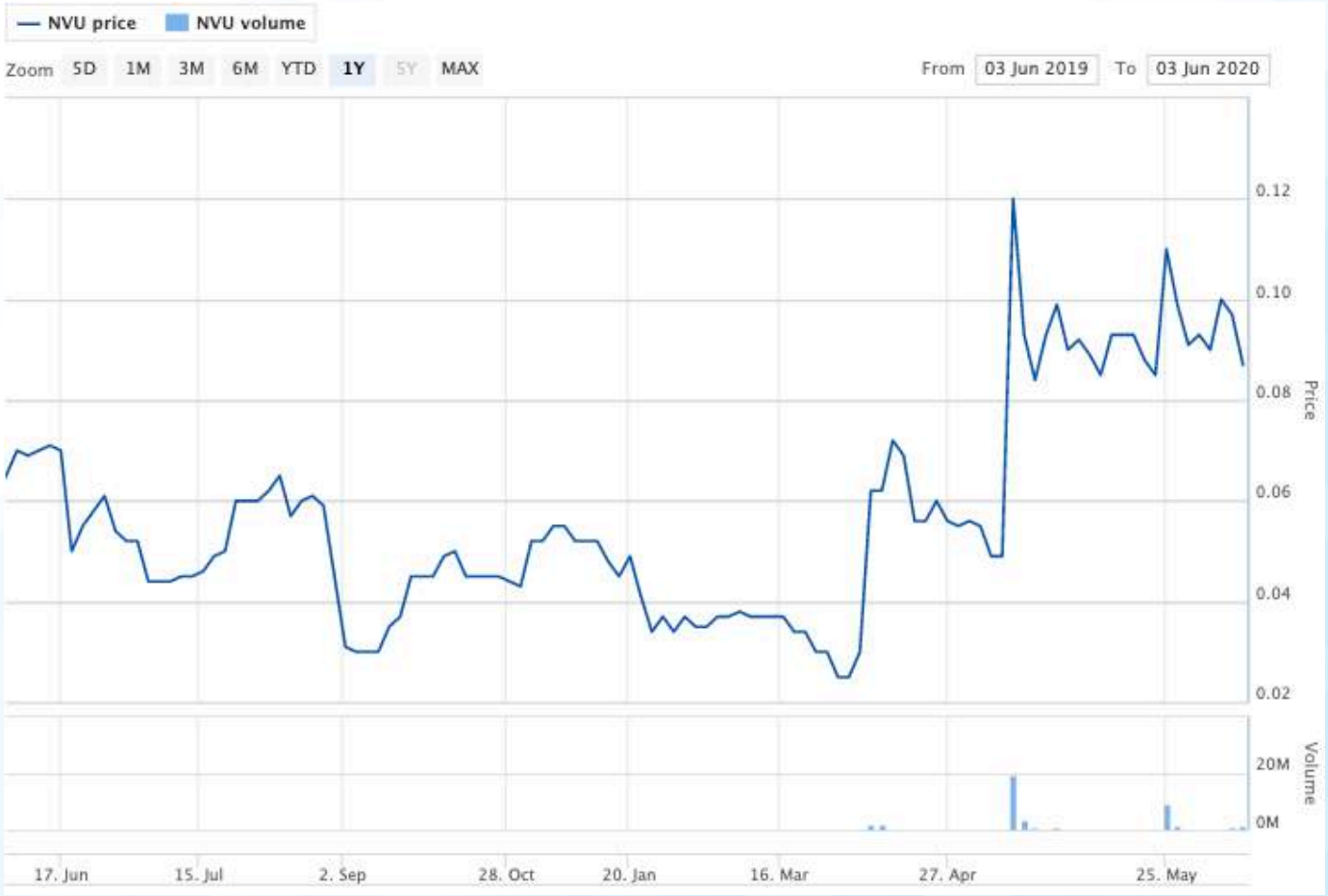
Corporate Snapshot

Corporate details	
Shares on issue	132.7m
Options on issue	2.2m
Market capitalisation ($0.071/share)	$9.4m
52 week high - low	$0.225 - $0.025

Major shareholders	
Board and management	32.8%
Top 20	74.5%

Board & management	
Executive Chairman & CEO	Alfred Chong
Director, CFO & Company Sec	Michael van Uffelen
Non-executive Director	Steven Apedaile
Non-executive Director	David Nicol

ASX price and volume	June 2019 to June 2020



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Thank you

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