



## **CardieX Announces New Health Sensor Patent Applications Covering Gaming, Computer Devices, and Other Electronic Hardware.**

### **Highlights:**

- CardieX subsidiary ATCOR expands previously filed sensor patent application (ASX: 24/04/2020) to now cover significant new additional electronic device markets.
- Original US Provisional Patent Application to the US Patents & Trademarks Office (USPTO) 63/031,645 described a system and method of measuring medically reliable heart & arterial health indicators from a plethysmogram ("PPG") light sensor on a wearable device such as a smartwatch or mobile phone when a user places his/her finger on the sensor.
- Determination of a pulse rate with significant heart and arterial health indicators by way of the ATCOR patent method could previously only be obtained invasively or via a medical device in a clinical setting.
- New USPTO application No 17/331,873 and WIPO application No. PCT/IB2021/054655 now expands ATCOR's provisional patent application to cover a system and method for obtaining those same heart & arterial health indicators from PPG sensors in a multitude of electronic devices including laptops and computer ID sensors, mouse devices, computer gaming controls, and keyboards.
- PPG sensors are the most widely used sensors on wearable devices and are incorporated into a broad range of wearable devices produced by the world's leading technology companies such as Apple, Samsung, Garmin, Mobvoi, Fitbit, Microsoft, Dell, Huawei, and others. Sensor technology is also increasingly being used in all manner of electronic devices for ID verification, login protocols, and password protection.
- Application of ATCOR's sensor technology beyond wearables and health devices opens up significant new market opportunities for the Company.



Commenting on the new provisional patent extension filed this week, Craig Cooper, CardieX CEO stated:

*“Our current development activities are heavily focused on incorporating our sensor technologies and patents into wearables and home health devices using a finger-based sensor to extract consumer and medical grade health parameters. That’s our initial focus with our Mobvoi partnership as well as our recently announced CONNEQT Band.*

*Going forward however, we see multiple use cases for our sensor technology beyond medical and consumer health devices. We see the potential for existing sensors in computers, keyboards, and gaming controls to incorporate PPG sensors so that users are able to do spot checks on their health when, for example, they are using a sensor on a device to securely login, or for continuous monitoring while using a mouse or keyboard.*

*A common use case may be when you log in on your MacBook Pro and place your finger on the ID sensor to verify your identity. We see a scenario in that instance where you could be prompted as to whether you wanted to “check your vital signs” at that time your finger was on the ID sensor, or on the mouse. That’s a future we see for our technologies beyond traditional medical devices and wearables, and one which we believe our patent application and extensions now fully cover”.*

Approved by the Board of Directors and Released by Jarrod White, Director.

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### **About CardieX**

CardieX is a global health technology company. Its ATCOR subsidiary is a world leader in medical devices and digital solutions for hypertension, cardiovascular disease, and other vascular health disorders. Its CONNEQT subsidiary develops and markets consumer home health devices and wearables. CardieX is listed on the Australian Stock Exchange (ASX:CDX).