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EyeLock Continues to Build out its IP Portfolio with Three New Patents

*Company's latest patents enable greater efficiencies in iris and facial authentication;
more than 25 patents still pending and others in development*

New York, NY – October 24, 2017 – [EyeLock LLC](#), a leader of iris-based identity authentication solutions and a majority owned subsidiary of VOXX International Corporation (NASDAQ: VOXX), today announced that the United States Patent and Trademark Office (USPTO) has issued three **new U.S. Patents: No. 9,792,498, No. 9,792,499 and No. 9,792,497**, making that a total of 54 patents granted to the Company to date. The new patents cover crucial technology innovations for the validation of iris and facial images; the ease and speed of biometric matching; and visual guidance for gaze alignment.

“We couldn’t be more excited about these latest patent awards that show EyeLock’s continued technical expertise and leadership in developing unique capabilities for the efficient deployment of multi-modal biometrics,” stated Jeff Carter, Chief Technology Officer at EyeLock. “We continue to achieve significant technological breakthroughs that have served as significant barriers to market-wide adoption of iris authentication technology. With each successful patent, we’re able to expand our IP to deliver the fastest, most cost-effective and easy-to-use solutions that our end-users require.”

Central to EyeLock’s patented technology is the **ability to validate that iris and facial images are obtained in real-time from the same live person**, as a mechanism against fraud – even if images are captured by different cameras using different settings – as well as an effective means for user redress in a transaction authorized via biometrics. Platform advancements include stronger, multi-factor and continuous authentication of a user, where both iris and facial images are used; and non-repudiation of biometrics by capturing and retaining a corresponding, recognizable facial image for a transaction that is retrievable as needed.

EyeLock was also granted a patent for its **mobile identity platform, which enables both ease and speed in biometric matching for an improved user experience**. The system opportunistically acquires a sequence of images in real-time and selects a limited number of images having the best iris-related quality for efficient handling. It does not require autofocus functions that often trail user movements and fail to achieve good image focus. The platform supports mobile or other applications where biometric acquisition may coincide with eye-blinking or is susceptible to motion blur due to user movement, or where device memory available for holding images is limited.

The third patent covers the Company’s **new iris recognition mechanism for directing a user’s gaze**. This guidance capability enables the user’s gaze to be easily and optimally aligned relative to a biometric acquisition sensor. The combination of a visibility limiting device with a user-attention device directs visual

guidance for gaze alignment. Additionally, intuitive directional guidance via the visibility limiting device quickly and easily directs the user's gaze towards a preferred location. This unique recognition system automatically helps to position the user at a predefined distance away from the biometric acquisition device. It also accommodates users of different heights, as well as users approaching from different angles toward the biometric acquisition device.

Carter continued, "The world of biometrics is evolving rapidly, and these new patents allow EyeLock to capitalize on its strategy to deliver multiple form factor and industry-agnostic authentication platforms. We remain committed to investing in our R&D capabilities and technical expertise to provide even more advanced support to the marketplace in the years to come."

EyeLock's technology provides an unprecedented level of convenience and security with unmatched biometric accuracy, making it the most proven way to authenticate identity aside from DNA. EyeLock's proprietary iris authentication technology looks at more than 240 unique iris characteristics and provides a fast, user-friendly experience. EyeLock is one of the only companies in the world to utilize dual-eye authentication. The Company's approach provides maximum flexibility by offering designs that have either on-board or host-based processing and illumination. Algorithm performance capabilities for speed and accuracy have been validated by Novetta, a leader in advanced analytics technology and independent biometric testing, as unmatched in the market. EyeLock's reference designs have working distances of up to 60 cm with a false accept rate of 1 in 1.5 million for single eye authentication and a false reject rate of less than 1%.

About EyeLock

[EyeLock LLC](#), a majority owned subsidiary of VOXX International Corporation (NASDAQ: VOXX), is an acknowledged leader in advanced iris authentication for the Internet of Things (IoT), providing the highest level of security with EyeLock ID™ technology. Iris authentication is highly secure because no two irises are alike and the iris is the most accurate human identifier other than DNA. The company's significant IP portfolio, including more than 100 patents and patents pending, and proprietary technology enables the convenient and secure authentication of individuals across physical and logical environments. EyeLock's solutions have been integrated and embedded across consumer and enterprise products and platforms, eliminating the need for PINs and passwords. Corporations across the Fortune 500 recognize the level of security EyeLock provides due in part to its extremely low false acceptance rate, ease of use, and scalability. As a sponsor member of the FIDO (Fast IDentity Online) Alliance, a non-profit organization dedicated to creating a safer and more secure digital presence for consumers, EyeLock is dedicated to advancing digital privacy and next generation security. For more information, please visit www.eyelock.com.