

David A Smith, CEO

The Wearality "Aviator"



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The Wearality “Aviator” Features:

- Widest field of view head wearable display today.
- Crystal clear and in focus everywhere.
- Largest exit pupil of any head wearable display, the “Aviator” does not have to be perfectly centered on the eye like other devices require, nor does it need to be focused.
- It is the lightest head wearable display, it is designed to fit onto a ball cap.
- User’s glasses can be worn with the “Aviator”.
- Works with any 6 inch phone including Samsung Galaxy Note, iPhone 6+, Nexus 6.
- Developing a version for 5” phones.
- The “Aviator” is a foldable device, and will easily fit in your pocket or purse. When folded, it is the same size as a 6” phone.
- Final device will be manufactured out of aluminum.
- Optics designed by Lockheed Martin Corporation.
- Works with Cardboard, Unity, Unreal, and Unigine development tools and the apps developed with these platforms.
- Retail price is less than \$100.
- Available 2nd quarter 2015.

Contact:

David A Smith

CEO

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Company Status: The Wearality team has spent the last five years developing patented world class technologies for augmented reality (AR) and virtual reality (VR) at Lockheed Martin for the defense industry. The team is now translating this defense industry grade technology into consumer and commercial head mounted devices with the widest field of view, in focus everywhere, and lightest weight at a unit price far below competitors. Wearality has the exclusive license to these technologies for the consumer and commercial space.

Products:

- Wearality Aviator™ – Immersive Foldable VR 2015
- Wearality Augmented Reality Glasses 2016

Product Status: First product – the Wearality Aviator™ beta design complete and first developer units will be available in February 2015. Contract manufacturing relationships already in place and production at retail volumes for under \$100 per unit in Q1 2015.

Revenue Expectations: \$3,000,000-\$10,000,000 in 2015 through a combination of retail and B2B sales. (Approximately 50,000 units with the capability to produce and sell exponentially more to meet market demand)

Financing Needs: \$5,000,000 Series A, Q1 2015.

Current Investors: Angels, friends and family

Use of Funds: Complete product design of the Wearality Aviator™ manufacture and market the device with a best in class, wide field of view, VR experience. Complete the developer software interfaces as well as a number of key applications including a universal video player, an application launcher and a game highlighting the platform.

Team: Led by David A Smith, CEO, Chief Innovation Officer and Senior Fellow at Lockheed Martin MST, Founder and CTO of Teleplace, Inc., Chief Engineer and creator of the Croquet Project, Co-founder of Red Storm Entertainment with Tom Clancy, Founder and CEO of Virtus Corporation, created the first real-time 3D design tool for PCs, and creator of The Colony, the first real-time 3D adventure game/shooter.

REGISTERED PATENTS

- U.S. Patent Number 8,625,200, entitled "Head-Mounted Display Apparatus Employing One or More Reflective Optical Surfaces", and filed on August 17, 2011
- U.S. Patent Number 8,570,273, entitled "Input Device Configured to Control a Computing Device", and filed on May 19, 2011
- U.S. Patent Number 8,678,282, entitled "Aim Assist Head-Mounted Display Apparatus", and filed on November 28, 2011
- U.S. Patent Number 6,784,833, entitled "Personal Surveillance System With Locating Capabilities, and filed on February 21, 2003
- U.S. Application Number 20140266985 System and Method for Chromatic Aberration Correction for an Image Projection System and filed on March 15, 2013
- U.S. Patent Number 8,786,687 Auto-stereoscopic Display With Lenticules and Elongated Light Filters, and filed on November 22, 2010
- U.S. Patent Number 8,781,794, Entitled "Methods and Systems for Creating Free Space Reflective Optical Surfaces", and filed on August 17, 2011
- Patent Application No.: 13/720,248, entitled "System, Method and Computer Program Product for Real-Time Augment of an Augmented Reality Device", and filed on December 19, 2012
- Patent Application No.: 13/874,064, entitled "Multi-Focal Augmented Reality Lenses", and filed on April 30, 2013
- Patent Application No.: 13/889,075, entitled "Free-Space Lens Design and Lenses Therefrom", and filed on May 7, 2013
- Patent Application No.: 13/869,685, entitled "Lenses Having Astigmatism Correcting Inside Reflective Surface", and filed on April 24, 2013
- Patent Application No.: 13/842,082, entitled "System, Method and Computer Program Product for Shopping with Assistance of a Head Wearable Display", and filed on March 15, 2013
- Patent Application No.: 13/841,898, entitled "System, Method and Computer Program Product for Providing Visual Assistance through a Mobile Computing System", and filed on March 15, 2013
- Patent Application No.: 13/841,451, entitled "System, Method and Computer Program Product for Providing Maintenance Guidance with a Table Device", and filed on March 15, 2013
- Patent Application No.: 61/682,758, entitled "System, Method and Computer Program Product for Providing Maintenance Guidance with a Head Wearable Display", and filed on August 13, 2012
- Patent Application No.: 13/841,750, entitled "System, Method and Computer Software Product for Providing Visual Remote Assistance Through Computing System", and filed on March 15, 2013
- Patent Application No.: 13/827,334, entitled "System, Method and Computer Software Product for Distribution Event Data", and filed on March 15, 2013
- Patent Application No.: 13/839,668, entitled "System, Method and Computer Program Product for Locating Marine and Non-Marine Wildlife Using a Head Wearable Display", and filed on March 15, 2013
- Patent Application No.: 61/812,465, entitled "Image Vibration Reduction with High-Speed Minimal Distortion Tracking Buffer, and filed on April 16, 2013
- Patent Application No.: 61/926,178, entitled "System, Method and Computer Program Product for Providing an Augmented Reality Lightweight Clip-on Wearable Device", and filed on January 10, 2014

PATENT APPLICATIONS

- Patent Application No.: 61/415,496, entitled "Simulation Environment with Softened Demarcations Between Real and Virtual World Boundaries", and filed on November 19, 2010
- Patent Application No.: 13/277,786, entitled "Methods, Apparatus, and Systems for Controlling from a First Location a Laser at a Second Location", and filed on October 20, 2011
- Patent Application No.: 13/303,607, entitled "Head-Mounted Sniper Finder", and filed on November 26, 2011
- Patent Application No.: 61/417,325, entitled "Curved-Stacked Fresnel Architecture", and filed on November 26, 2010
- Patent Application No.: 13/325,924, entitled "Head Mounted Display-Based Training Tool", and filed on December 14, 2011
- Patent Application No.: 13/327,217, entitled "Collimating Display with Pixel Lenses" (having Publication No.: 2012/0154920, publication date June 21, 2012), and filed on December 15, 2011
- Patent Application No.: 61/427,530, entitled "Curved Mirror for Head Mounted Display", and filed on December 28, 2010
- Patent Application No.: 13/211,365, entitled "Head-Mounted Display Apparatus Employing One or More Fresnel Lenses" (having Publication No.: 2012/0120498 and publication date of May 17, 2012), and filed on August 17, 2011
- Patent Application No.: 61/417,328, entitled "Combined Architecture of the Fresnel Lens and Curved Beam Splitter", and filed on November 26, 2010
- Patent Application No.: 61/424,162, entitled "Pixel Lens Approach to Augmented Reality Head Mount Display", and filed on December 17, 2010
- Patent Application No.: 61/424,166, entitled "Pixel Lens Approach to Immersive Head Mount Display", and filed on December 17, 2010

FOREIGN PATENTS

- Patent Application No.: PCT/IB2011/055820 (having Publication Nos. CA 2815447, EP 2630540, US 20120120499, WO 2012/052979 A2 and WO 2012/052979 A3), entitled "Head-mounted display apparatus employing one or more reflective optical surfaces" and filed on December 20, 2011.
- Patent Application No.: 102147293, entitled "System, Method and Computer Program Product for Real-time Alignment of an Augmented Reality Device", and filed on December 19, 2013
- Patent Application No.: US2013/075966, entitled "System, Method and Computer Program Product for Real-time Alignment of an Augmented Reality Device", and filed on December 18, 2013

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