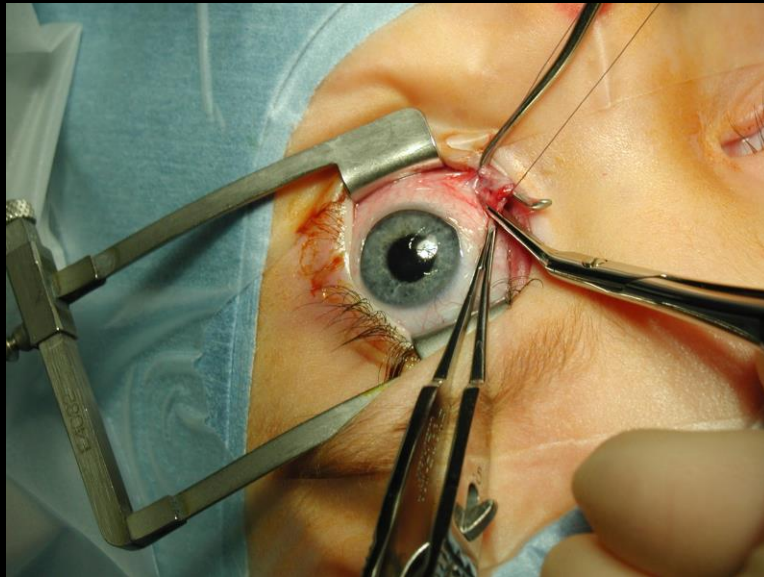
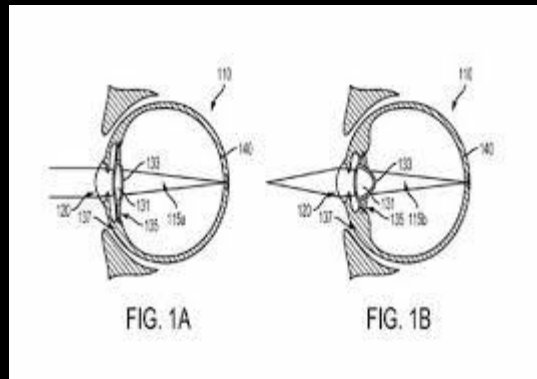


## GOOGLE TECHNOLOGIES: INJECTING ELECTRONICS INTO EYEBALLS

As other groups are working hard on creating "Smart Glasses ", Google is continuing the next stages of their electronic contact lenses. Their next step on this new and exciting technology is injecting the "Vision-Enhancing "electronics that goes straight into the user's eye balls.



This amazing technology has a patent that is filed by Google as well as Andrew Jason Conrad. Jason is currently the 'head' of Verily in the life sciences department of Google, which is a parent company of Alphabet. This side company is calling for an "Intra-Ocular Device "that would allow the device to 'sit' just inside the lens capsule of the user's eye. While this new technology is not a complete working computer, the processor inside as well as the controllers would live upon an external interface device, such as connecting to your smartphone. This will also include a series of sensors, electronic lenses, a battery, and even bio-interactive components.



In order to provide electricity to this device, Google's patent article mentions something of energy harvesting antenna. Which does not scream out "MATRIX" in the making at all. Google proclaims that this antenna technology will be able to completely capture the energy emitting from incident radio radiation. Which can also double over as another means of wireless communication with your external device. However, there is the alternative of the device that can be worn by the user or has the ability to have it tucked away beside their bed and will still be able to power the wireless sensor while you sleep.

So how does this installation of technology directly into your eye works? Patients will first get a hefty dose of an anesthetic, you know, to help you sleep through the surgery. Then a trained surgeon will proceed onto cutting a slit directly through the cornea and then into the anterior chamber of your eye. This introduces fluid that goes into the lens capsule in order to assist in positioning the device. Shortly after, the fluid from your eye will become a solid again, which in return, couples the lens capsule as well as the device together. Google has described this as the ability to replace a section, if not all, of the patient's natural eye lens if it is in fact necessary to do.

The main goal of this new technology is to be able to properly and safely improve, if not completely, restore the vision in those with major medical conditions that also includes cataracts and even presbyopia. However, the patent must also provide the researchers with any other applications that are beyond the realm of medicine in which must include details about depth and even focus sensor. This provides a virtual scene that is presented towards the user.



This is a major concern, as with any other patent filing, as there are no guarantees that the Google's new technology 'Intra-Ocular device' concept can be materialized. However, please keep in mind that the company has also previously patented another type of technology that is called the '[Smart Contact Lenses](#)' before the researchers actually broke ground on developing the real version in which obtains the ability to be able to measure the blood glucose levels of the selected user. Provided that the company has enough time on their hands, this new invention can in return become the new 'HoloLens' of future holograph technology. Although, not to be worn on top of one's head, but to be able to squeeze inside your eyeball.

SOURCES: [PCWORLD](#) { } [ANONHQ](#) { } [US PATENT & TRADEMARK OFFICE](#) { } [MICROSOFT HOLOLENS](#)

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