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“Prism Spectacle”

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1.0 EXECUTIVE SUMMARY

Nowadays, human life getting better and easier because of the technology and this technology is developing year by year with a new innovation created by humans that will reach all aspects either in food, machine, vehicle and more. As we know, over the years technology has been growing fast. Knowing human used communication by texting, calling and social media like Instagram, twitter, Facebook and many others. Technology is often changing our lives to make things easier and better for them. Facebook chanting is something new to them and it's an obsession to them. They use it to chart to each other's. My company has developed an idea of spectacles known as prism spectacles. This spectacles is special and unique because it combine of prism glasses and spectacles frame.

The function of prism glasses is to reflect the eyesight by 90 degree. This spectacle is very useful for community nowadays who are obsessed with their phone. Not all of them believe their neck pain began with staring at their phones. This is result of staring down or staying hunched over an activity for too long. This posture isn't exactly new; people have done this for centuries with books, drawings, sewing, and many other activities.

The condition is referred to as "Text Neck" because the saturation of mobile devices, and our cultural addiction to them, has multiplied the amount of time we spend hunched over. Therefore prism spectacles are the solution for this problem where they can stare at their phone even their eye looking forward. We design it so comfortable and easy to use. Eventually, the test marketing was performed to collect knowledge or feedback from a variety of groups of respondents.

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2.0 PRODUCT DESCRIPTION

After a long day of work, there's nothing more relaxing than lying down on your couch and catching up with your favorite television shows. The only problem is being able to fully relax on your couch is nearly impossible if you also want to be entertained as it's difficult to be completely lying down on your back to watch your TV without doing some extreme neck turning. Our has come up with this idea in order to reduce this problem that able people to fully relax by completely lying down while watching their TV without doing some extreme neck turning. This product also works on people who addicted with their mobile phone. They can use mobile phone without starring down to look at their phone and prevent them from neck pain.

Prism spectacles can be worn over prescription glasses for a crisp and clear image for any user. Glasses do not magnify or focus images, but simply tilt images at a 90-degree angle in order to view vertical images while in a horizontal position. This Prism Spectacle also help bedridden patients, those recovering from surgery, pregnant women on bed rest, or anyone else needing to remain in bed for long periods of time to experience relief and re-engage with entertainment. Also an excellent choice for anyone else who spends time reading or watching TV in bed and struggles to find a comfortable or sustainable position. Prism Spectacles allow users to read text or watch television from a lying down position, without having to crane or bend their neck. This reading position helps prevent neck and eye strain from awkward and uncomfortable reading positions, as it allows users to lay completely flat in bed with a book propped up in their lap or viewing a television on a wall or table.

The Prism Spectacle is made from durable plastic with prism glasses mirror that can tilt image at a90-degree angle. The weight for this Prism Spectacle is very light and able people to bring spectacle everywhere they go. They just throw in your bag or bring on a plane or morning train commute. This product dimension measure is 8 inches long x 6.5 inches wide x 1.75 inches high.

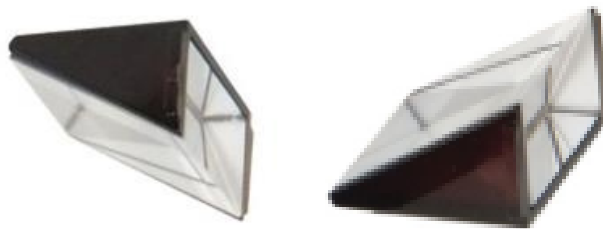
3.0 TECHNOLOGY DESCRIPTION

3.1 Spectacle Frame



This spectacle frame is made from polycarbonate. The materials are hard, brittle, easy to break have an ordinary toughness. Its stability is not anti-acid and not alkali. This material is easy to aging. The cost for this material is low and widely used for low grade glasses.

3.2 Prism Glasses



Prism that use on Prism Spectacle is Right Angle Prism. Right-angle prisms are used as mirrors to deflect light by 90 degrees or as retroreflectors, allowing light to pass through 180 degrees of total internal reflection. In addition, using the critical angle characteristic, efficient internal total reflection of incident light is one of the basic functions of a right-angle prism.