

Touchscreen Sensitive Gloves

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1. Introduction

Cell phones have become a huge part of our society in the last 10 years. As the cell phone market grows, they are becoming increasingly “smarter”. Touchscreens are part of that new technology, and more and more phones have them now. I have an android, which has a touchscreen, and the worst part about a touchscreen phone is during the winter months, if you’re outside you can’t use your phone if you’re wearing gloves, unless you have special touchscreen sensitive gloves. These gloves are useful for anyone that uses their phone while outside and wants to wear gloves.

2. Background

The whole idea of the “smart gloves” started in 2010 and was brought forth because, “If a phone was so advanced, why couldn’t we answer them with normal gloves?” (Agloves, 2013) Agloves is the leading glove brand and were the first company to produce these gloves. These gloves have conductive threading sewn into them that reacts with the phone and allows you to use it. You can buy the conductive threading and make your very own pair of gloves with any normal pair of gloves.

3. Benefits

The main benefit of these gloves is so you can use your smart phone while wearing gloves. When you’re outside in the cold and you need to send a text or email and you are wearing normal gloves, it’s horrible to take off the glove just to use your phone and your hands get cold. Another benefit of the gloves is that your hands do stay nice and warm.

4. Legal Issues and Ethical Issues

Legal issues with these gloves are really only companies making them and saying that they are the main creators of the gloves. Companies using the same thread and/or design can be a huge issue too. For ethical issues the only one we could think of is that people don't want to pay a high price for these gloves. These gloves can range anywhere from \$20-\$60. Who really wants to spend that much on a pair of gloves? So, by buying your own conductive thread and making your very own pair of gloves this problem can be easily solved, and at a much cheaper price.

5. Security Concerns:

Touch Screen Sensitive Gloves are a growing technological accessory. And because of this, many companies are in the battle to develop the best brand of these gloves. This race to the top, as with any new product, can lure security issues. One issue that may occur is the leaking of technology. Each company has variations in the technology they use to create these gloves, and with these variations, other companies might try to steal information from their competitors. Another security concern could be with the safety of your phone or tablet. Some of these gloves are not made with gripping materials so, if you have that kind of glove there is always the possibility of dropping your technological device.

6. Social Problems

Socially, Touch Screen Sensitive Gloves can be really beneficial. If you have a job where your working outside in the cold all day long, wearing these conductive gloves can help you stay connected without having your hands freeze. There is a multitude of different scenarios that one would want these gloves and with technology growing

so rapidly many people have some sort of a touch screen device. Therefore, with Touch Screen Gloves, people will be able to stay connected no matter what they are doing.

7. Further Required Research

Since these gloves are a fairly new product, there is plenty of room for growth. One main area that we believe will be expanded is the variety of gloves. With more research and the creation of stronger conductive tread, there is no reason why heavier, warmer, touch screen gloves won't be created. There are already a couple companies who have made a pair of leather touch screen gloves, but in the future with more research and work they could easily branch out into every different type of glove.

8. Conclusion

We know that this invention isn't the most technological thing we could have decided to research for our project. However, with all of these amazing technological advances there are also many products that help and coincide with these inventions. That is exactly why we chose to research touch screen sensitive gloves because with the growth of touch screen technology our product will become a huge and needed accessory. It also shows a different viewpoint of our societies advances. Developments are made everyday and in every branch of study, touch screen gloves are a product that will work with and benefit many different areas in our growing world.

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