



Electromagnet

By Matthew Lee

William Sturgeon



- William Sturgeon created the electromagnet. The electromagnet is a coil wrapped around a piece of metal and when electricity passes through it, it creates a magnet.
- It is used to attract metal like any other magnet, and it is used in things to communicate.

problems



- Some problems that have occurred with the electromagnet since its existence are that electromagnets damage a computer's hard drive. The electromagnetic field that the magnet makes ruptures the hard drive and breaks it so your computer breaks. This is a big problem because buying computers is very expensive. If you keep having to buy more computers, then you are wasting lots of money.

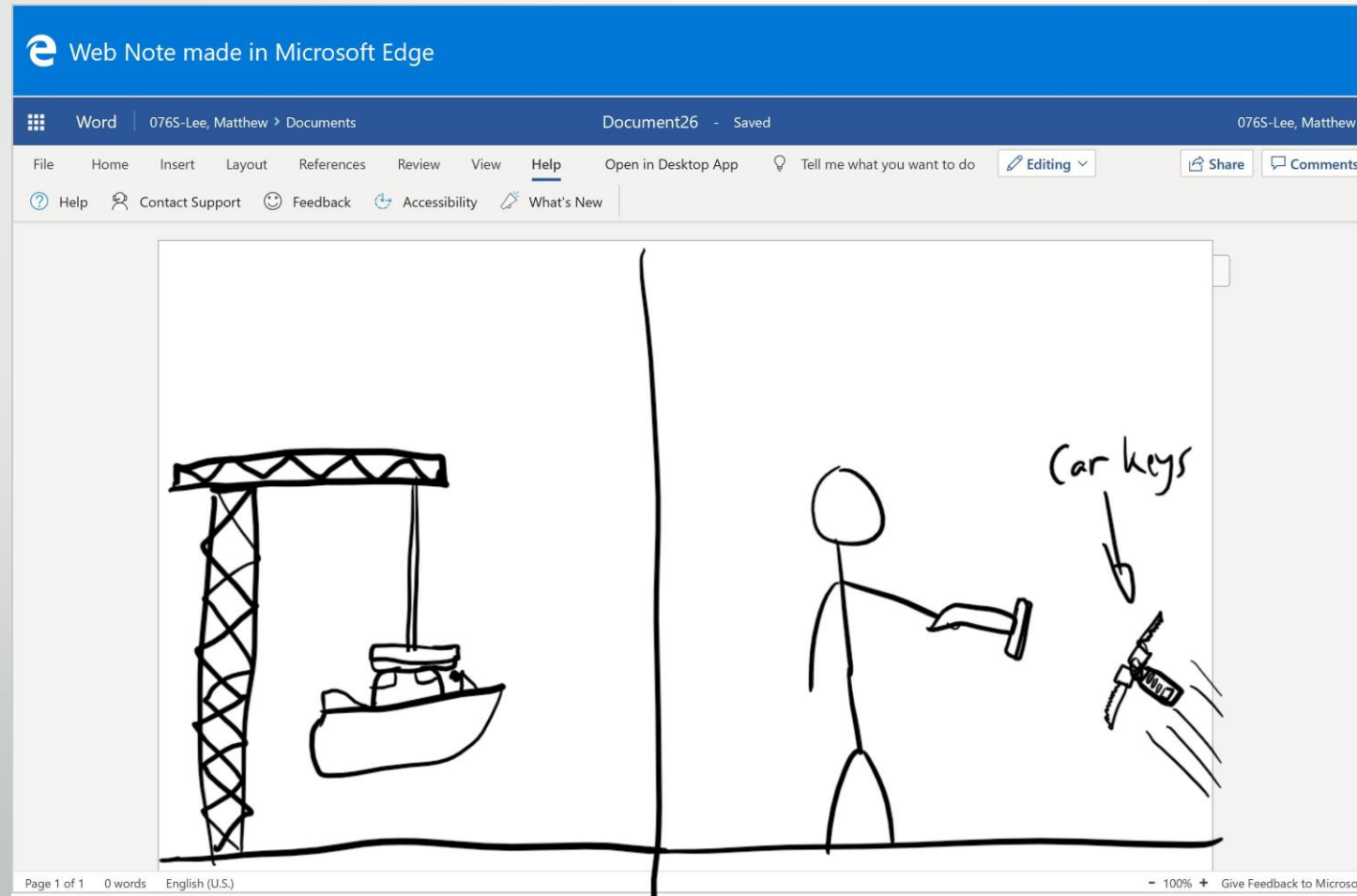


~~Problem~~
Solution

Solutions

- Electromagnets have gotten much bigger since its first years. They have made them much stronger and they can now lift things like cars and large piece of metal.
- They can move things like junk cars and have them recycled faster. The positive effect of this is that it speeds up the process, rather than rolling cars, they can pick them up. The bigger the electromagnet gets though, the more space it will take up.
- Electromagnets are even in everyday things like photocopiers, cars, and doorbells.

What it should look like in the future





The Future of electromagnets

- In the future, they will be bigger and stronger and be able to move things like boats or planes. They will be like cranes but will be big strong electromagnets. I think they can also be made into handheld items in a household. Like a vacuum, but instead it can be an electromagnetic device that can pick up the silverware you accidentally drop all over your kitchen floor, or your car keys that fell under the couch.
- It will positively affect our world by its ability to make things easier and less time consuming. Construction will become much faster, with a crane being replaced with an electromagnet, it can transport metal much faster.

Works Cited

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