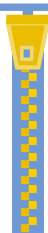




Kids What is an ACCC?



The invention of the zipper was worked on by several inventors before the general public embraced it as a part of everyday clothing. Magazines and the fashion industry were responsible for popularizing the zipper. But this only happened 80 years after the first appearance of the zipper.

designed a machine to manufacture the new zipper.

How the Zipper got its Name

The friction of the slider against the teeth causes a characteristic buzzing noise, which is probably the origin of the name zip(per). The popular 'zipper' name came from the **B.F. Goodrich company** when they decided to use Sundback's fastener on a new type of rubber boots or galoshes and re-named the device the zipper. It took 20 more years before the fashion industry seriously promoted the new closure on garments.

In the 1930's a sales campaign featured zippers for children's clothing. The campaign praised zippers for promoting self-reliance in young children by making it possible for them to dress themselves.

▶▶▶ Today the zipper is everywhere from clothing to luggage. Kids ... look around you. How many zippers can you see? How many places can you name where a zipper is used as a closure?

Elias Howe, inventor of the sewing machine, received a patent in 1851 for an "**automatic, continuous clothing closure**". But he did not market it; so we do not know him as the "father of the zipper".

44 years later **Whitcomb Judson** marketed a "clasp locker" which was similar to Howe's ACCC patent. Because Whitcomb was the first to market the device, he receives credit as "inventor of the zipper". His 1893 patent did not use the word zipper. The "clasp locker" made its first public appearance at the 1893 Chicago World's Fair; it was not a commercial success.

The design was improved by Canadian, **Gideon Sundback**, an electrical engineer. By December of 1913 he had designed the modern zipper. He also

Onomatopoeia—Words we make from (((Sounds)))

Kids ... Lots of words are "imitative" — they are our version of a sound we hear. Onomatopoeia is an ancient Greek word that means to "make a name". Write in the word made from a sound for each of the pictures.



The sound of busy bees



What a happy cat says



What your dog says when you ask him to "Speak"

Kids ... What sound can you think of that describes your credit union?

The members, volunteers and staff of our credit union keep things _____ along!

Answers—Bees buzz—Cats purr—Dogs woof—ACU keeps things humming!