

A decorative border made of red squares, each containing a white triangle pointing to the right, surrounds the central text area.

MADE IN CANADA

Arithika Div. 6-3

Dasmesh Punjabi School

*The greatest invention of
the nineteenth century was
the invention of the method
of invention.*

- Alfred North Whitehead

Introduction

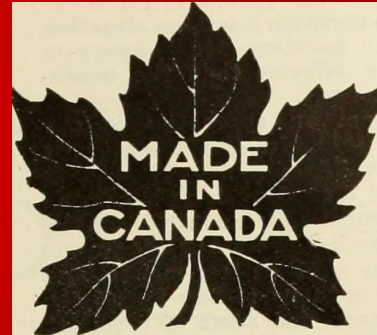
Canadian inventions have made people...

efficient, closer,

kinder, safer,

healthier, tastier,

and happier.

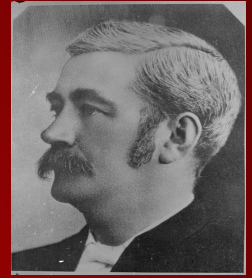
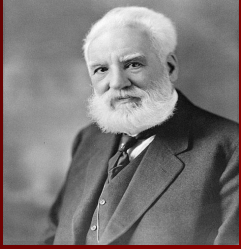


Why Did I Choose This Topic?

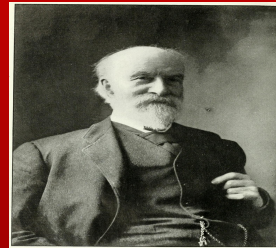
I am interested in Canada, and my favorite subject is Science. So I decided to combine two topics: Canadian history and scientific inventors. I decided to ask these questions: What are some great Canadian inventions? Who invented them?

Who are some famous Canadian inventors?

Henry Woodward, Matthew Ewans, George Thomas, Thomas Ahearn, Robert MaWhinney, John Mclaughlin, Sir Frederick G Banting, Ernest McCulloch, Marcellus Gilmore Edson, John Millar, James Elliot, Thomas Campbell, James Ross, Donald Hings, Armand Bombardier, Harry Wasylyk, George Klein, Nyle Ludolph, John Rowe, Joseph Coyle, Donald Munro, Alan Emtage...



Alexander Graham Bell, James Naismith, Reginald Fessenden, John Alexander, Sanford Fleming, Roman Kroitor, Marcellus Gilmore Edson, Arthur Sicard, Graeme Ferguson, James Gosling, and more!



MADE IN CANADA

Canadians have made our world smarter!

Who created the first light bulb?
In 1879, Henry Woodhead and Arthur Evans from Toronto invented a lightbulb and when they hit the market, it didn't work for long. Five years later, in 1879, American Thomas Edison made another lightbulb that stays a little longer.

Who invented the first roller bearing?
In 1879, George Thomas of Ingers Company, New York made a device that reduced the friction made by moving machine parts that touched each other.

Who invented the first electric stove?
In 1892, Thomas Edison of Ontario, who also used his own invention, an electric oven, to cook a meal which he delivered to a hotel.

Who invented the first dump truck?
In 1920 Robert McMillan, a firm from Saint John, New Brunswick, put together a truck equipped with a special dump box in back.

Canadians have made our world safer!

Who thought of creating a dividing line in the middle of a road?
In 1916, John Miller, an engineer in Ontario, painted a white line in the middle of a highway near the border between Ontario and Quebec.

Who created the first soda tank?
In 1879, James Elliot made a copper container that stored carbonated oxygen through a pipe to the inside of a steel tank.

Who made waterproof suits to keep people dry?
In 1916, Paul Poirer of northern Canada made spring suits from the skins of seals. These were developed and became better and the skins of seals. These were developed and became better and the skins of seals. These were developed and became better and the skins of seals.

Who created the first combined hot and cold shower?
In 1910, Thomas Campbell of Saint John, New Brunswick, came up with a new kind of tap. People were used to having one shower with a new kind of tap. People were used to having one shower with a new kind of tap. People were used to having one shower with a new kind of tap.

Who invented tail light for cars?
In 1910, James Bruce from Odessa, New Brunswick, attached a light to the back of his vehicle and converted it to a switch inside his car so when he hit back up, the light went on and alerted other drivers.

Canadians have made our world tastier!

Who created Canada Dry?
In 1904, John McLaughlin of Ontario created this non-alcoholic beverage.

Who invented Crispy Crunch?
In 1912, a candy-maker in Toronto entered his new concoction - a chocolate bar with peanut butter in the middle - in the Nelson Dairy company's contest and won.

Who invented Coffee Crisp?
In 1939, a candy-maker from Toronto added a creamy coffee filling to layers of chocolate wafers.

How did they invent Shredlets?
In 1930, in Niagara Falls, Ontario, this cereal was the first to be made from strands of whole grain wheat woven together like yarn in a sweater.

Canadians have made our world smaller!

Who created the first canoe?
When European explorers and traders arrived on the shores of Canada, First Nations peoples shared the art of canoe-making with them.

Who invented the first walkie-talkie?
In 1921, Donald Hings designed the portable two-way radio for bush pilots, and it quickly became very popular.

Who invented the first snowmobile?
In 1927, Armand Bombardier successfully built a vehicle that could travel in snowy conditions.

Who invented Java?
More than 25 years ago, a team of engineers in Calgary developed Java, which is used for programming computer languages.

Canadians have made our world healthier!

Who invented insulin?
In 1922 Sir Frederick G. Banting of Toronto discovered the first treatment of diabetes: insulin.

Who invented canola?
In 1979, a group of researchers in the University of Manitoba developed canola oil, which comes from the seeds of a plant in the rapeseed family; the new oil is one of the healthiest cooking oils in the world.

Who discovered stem cells?
In the early 1960s, Ernest McCulloch - at the University of Toronto - discovered stem cells, which led to an important new treatment for cancer.

Who discovered peanut butter?
In 1884, Marcellus Gilmore Edson of Quebec patented his invention of peanut butter, which was made by heating and grinding peanuts.

Canadians have made our world kinder!

Who created the garbage bag?
In 1910, Joseph Henry Winkler was experimenting in his kitchen in Winnipeg and came up with the idea for a garbage bag that was easy to use.

Who invented the electric wheelchair?
In 1910, George Klein of the Canadian National Research Council helped an electric wheelchair for quadriplegics. He also helped create many other inventions including a hearing-aid classification system, aids for engineers, and the Canadian eed to space.

Who invented the blue box recycling?
In 1961, John Lashley in Ontario was upset by all the waste he saw as a garbage collector and invented the first blue box.

Who created solid housing?
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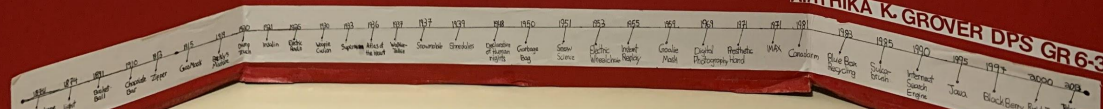
Who invented the egg carton?
In 1911, Joseph Coyle - a newspaper editor in Smithers, B.C. - invented the egg carton.

Who invented table hockey?
In 1932, Donald Munro of Toronto invented table hockey.

Who created the internet search engine?
In 1990, Alan Emtage - a Canadian who was born in Barbados in the Caribbean - wrote the earliest version of a computer search engine.

Bibliography

- Cowley, David. *Child Canadian Scientists and Innovators*. New York: A Scholastic Book, 1973.
- Hucker, Carlotta. *Innovations*. Calgary: World, 2006.
- Johnson, Susan. *Canada's Innovators*. New York: Owl, 2002.
- Johnson, David. *How Canada's Innovators Made the World*. New York: Penguin Random House, 2017.
- Holmes, David. *How Canadian Innovations Made the World*. New York: Random House, 2017.
- Makely, John. *Canada's Greatest Inventions and Innovations*. New York: Davidson, 2013.
- Spry, David. *How Canada's Innovations Made the World*. New York: Random House, 2017.
- Waters, Lisa. *Canadian Innovations*. New York: Scholastic, 2013.



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Canadians have made our world most efficient!

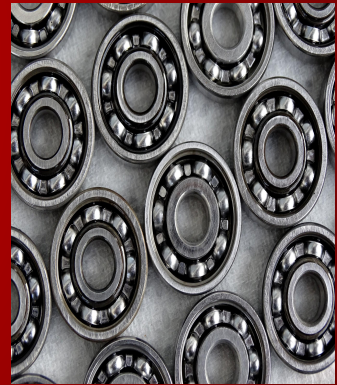
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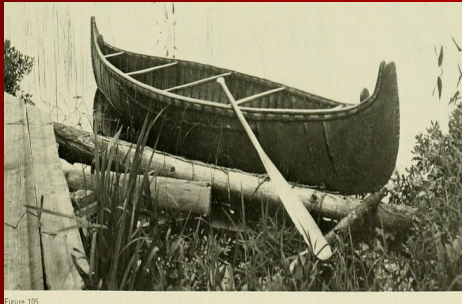
In 1882, Thomas Ahearn of Ottawa, Ontario used his new invention, an electric oven, to cook a meal which he delivered to a hotel.

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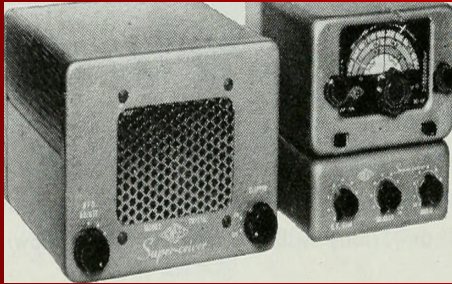
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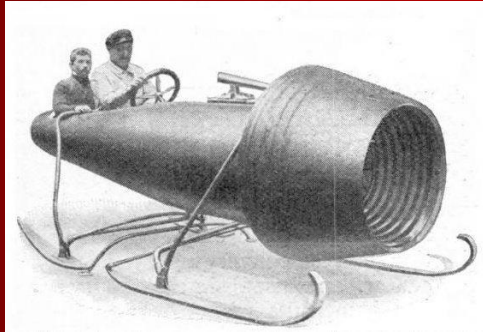
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Who made waterproof suits to keep people dry?

In 1854, Inuit people of northern Canada made spring-pelts from the skins of seals. These vests developed and became better and better at keeping people afloat and preventing the loss of body heat.



Who created the first combined hot and cold faucet?

In 1880, Thomas Campbell of Saint John, New Brunswick, came up with a new kind of tap. People were used to turning on faucets. One faucet have hot water and the other one gave cold water. Campbell came up with a way for the water to flow together out of one faucet.



Who invented tail lights for cars?

In 1919, James Ross from Halifax, Nova Scotia , attached a light to the back of his vehicle and connected it to a switch inside his car so when he backed up, the light went on



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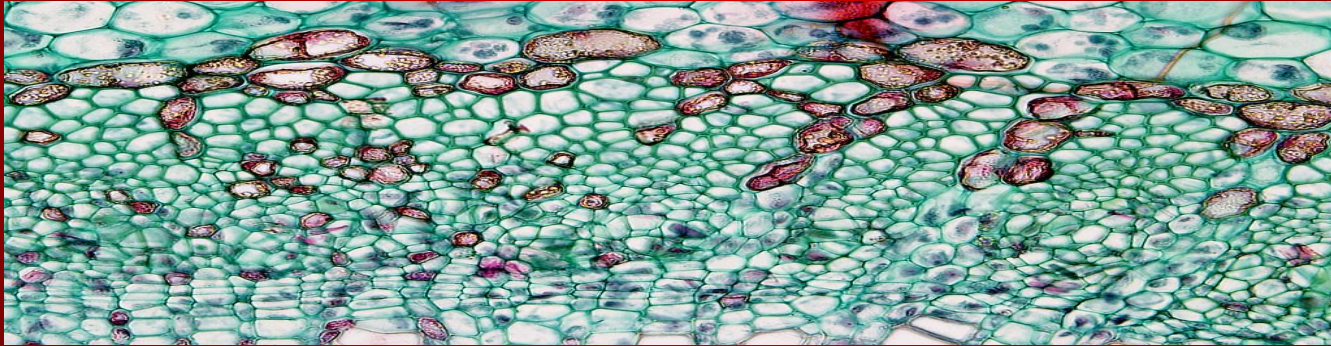


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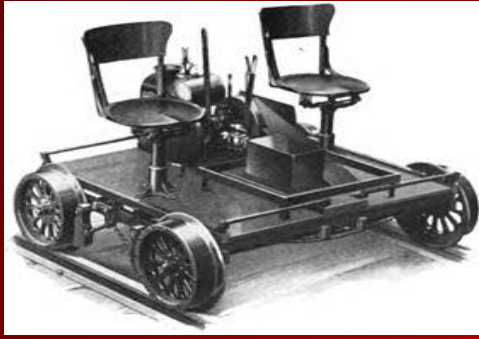


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Who created the garbage bag?



In 1950, inventor Harry Wasylyk was experimenting in his kitchen in Winnipeg and came up with the idea for a garbage bag that was easy to use.



Who invented the electric wheelchair?

In 1953, George Klein of the Canadian National Research Council helped an electric wheelchair for quadriplegics. He also helped create many other inventions including a snow classification system, skis for airplanes, and the Canadarm used in space.

Who created solid honey?

In 1990, John Rowe of Prince Edward Island slipped and smashed the jar of honey in his backpack, so he came up with a new idea: solid honey that could be sold in cubes.





Who invented blue box recycling?

In 1983, Nyle Ludolph in Ontario was upset by all the waste he saw as a garbage collector and invented the first blue box.

Canadians have made our world happier!

Who invented the egg carton?

In 1911, Joseph Coyle - a newspaper editor in Smithers, B.C. - invented the egg carton.



Who invented table hockey?

In 1932, Donald Munro of Toronto invented table hockey.



Who created the internet search engine?



In 1990, Alan Emtage - a Canadian who was born in Barbados in the Caribbean - wrote the earliest version of a computer search engine.

1874

Telephone

1874

Light bulb

1891

Basketball

1910

Chocolate Bar

1921

Insulin

1925

Electric Radio

1930

Whoopie Cushion

1933

Superman

1936

Atlas of
Heart

1937

Walkie-Talkie

1937

Snowmobile

1939

Shreddies

1950

Garbage bag

1951

Snow Science

1953

Electric Wheelchair

1955

Instant replay

1959

Goalie Mask

1969

Digital Photography

1971

Prosthetic

1971

IMAX

1981

Canadarm

1983

Blue Box Recycling

1985

Sulcabrush

1990

Internet Search Engine

1995

Java

1997

Blackberry

2000

Right to Play

2013

Telesurgery

Conclusion

The inventions I listed in this presentation are just a few of the Canadian contributions to this world. But there are many more. Canadians have made our world a better place!

Bibliography

Cruchley, Diana. Shhh! Canadian Scientists and Inventors. New York: A Science ABC, 2011.

Hacker, Carlotta. Inventors. Calgary: Weigl, 2000.

Hughes, Susan. Canada Invents. New York: Owl, 2002.

Johnston, David. How Canada Innovators Made The World Ingenious. New York: Penguin Random House, 2017.

Johnston, David. How Canadian Innovators Made the World Smarter, Smaller, Kinder, Safer, Wealthier, Healthier, Happier. New York: Tundra, 2017.

Melady, John. Canada's Greatest Inventions and Innovations. New York: Dundurn, 2013.

Smith, Steve. Canadian Inventors. New York: Random House, 2017.

Spencer, Bev. Made In Canada. New York: Scholastic, 2003.

Wojna, Lisa. Canadian Firsts. New York: Folklore, 2008.

All photographs found online.

**BE STRONG IN BODY,
CLEAN IN MIND,
LOFTY IN IDEALS.**

-James Naismith