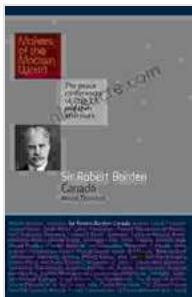


Canada: Makers of the Modern World

Canada is a country with a rich history of innovation and technological development. From the invention of the telephone to the discovery of insulin, Canadians have played a key role in shaping the world we live in today.



Sir Robert Borden: Canada (Makers of the Modern World) by Martin Thornton

★★★★☆ 4 out of 5

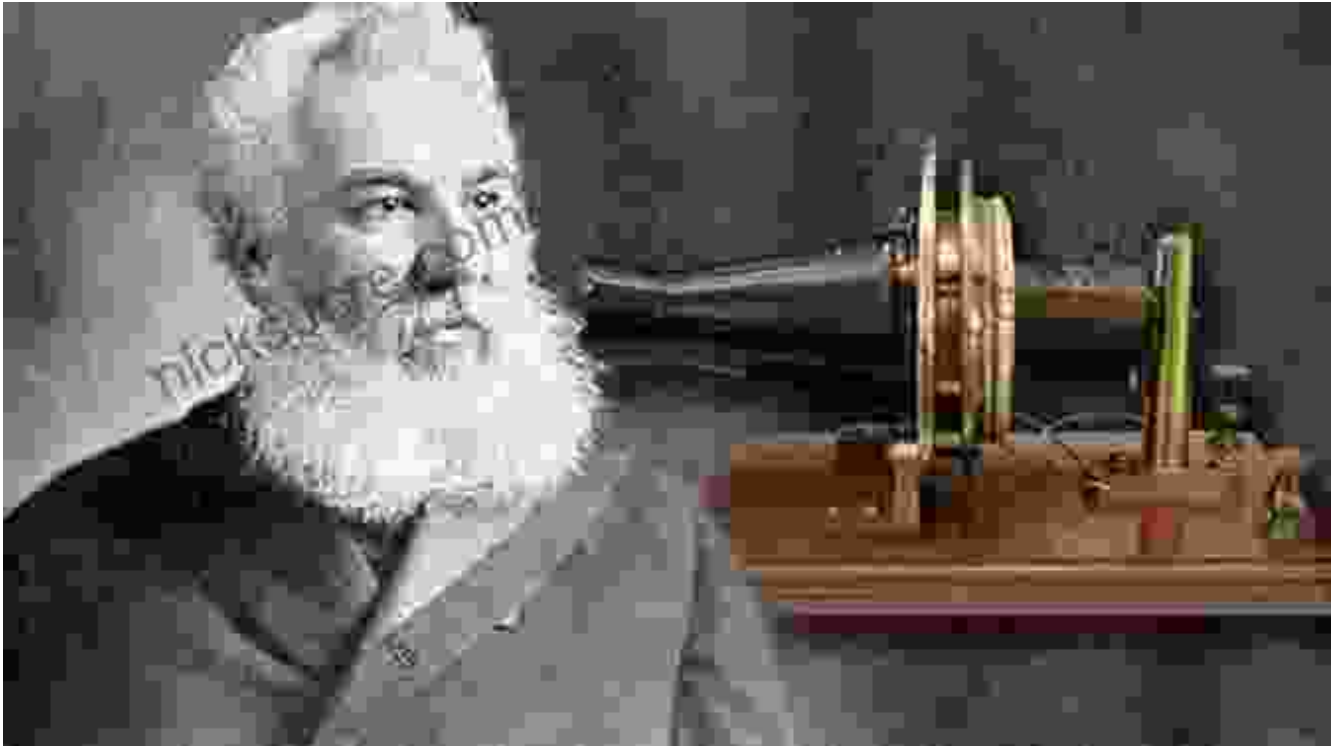
Language : English
File size : 3740 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 224 pages



This article will explore some of the most important Canadian inventions and innovations, and how they have changed the world.

The Telephone

Alexander Graham Bell, a Scottish-born inventor who immigrated to Canada in 1870, is credited with inventing the telephone in 1876. Bell's invention revolutionized communication, and it is still one of the most important technologies used today.



The Pacemaker

The pacemaker is a medical device that helps to regulate the heart rate. It was invented in 1958 by Canadian engineer John Hopps. The pacemaker has saved millions of lives, and it is now considered to be one of the most important medical inventions of the 20th century.



Figure 1. John Hopps

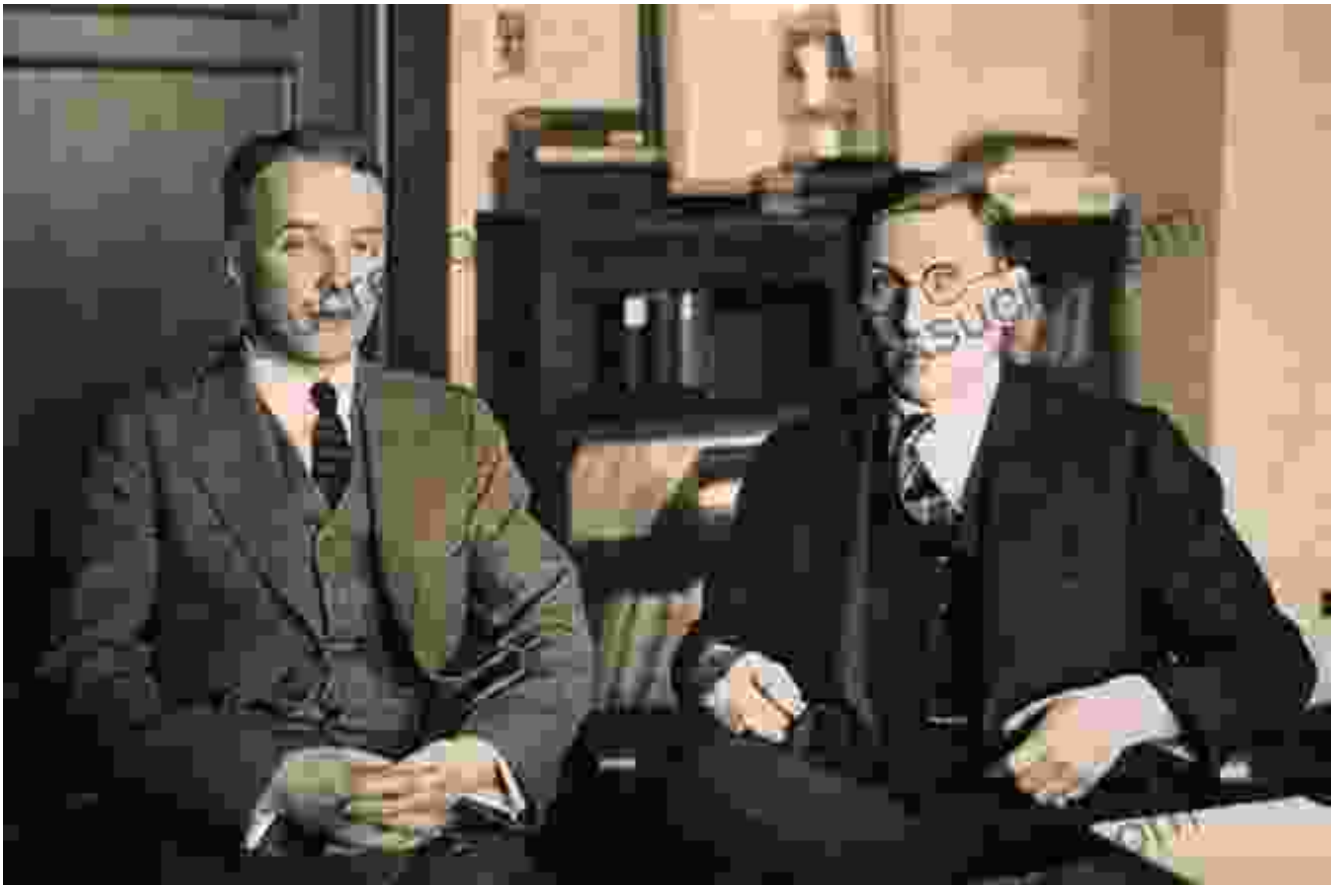
Photo courtesy of the Canadian Science and Technology Museum.

John Hopps, inventor of the pacemaker

Insulin

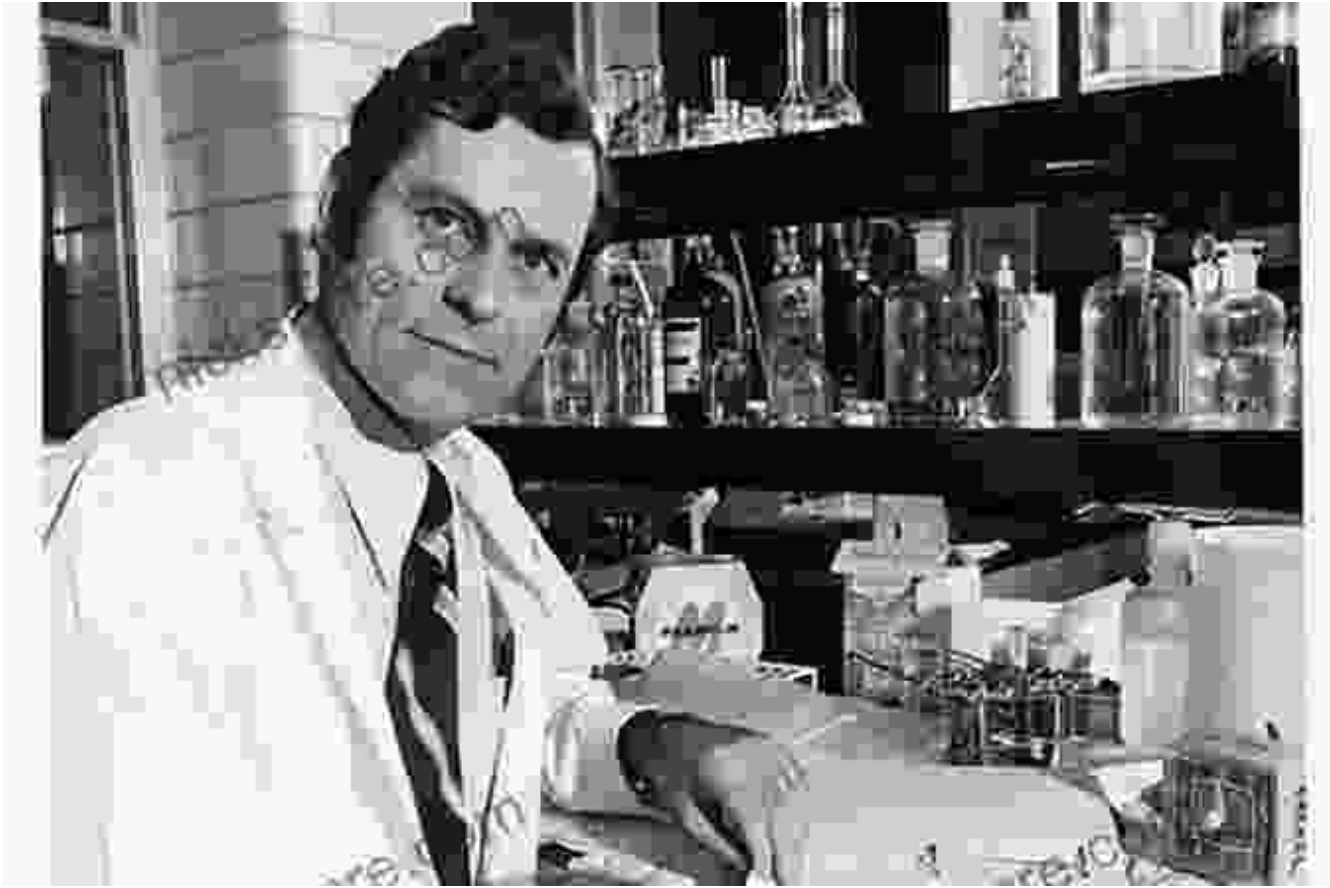
Insulin is a hormone that is essential for regulating blood sugar levels. It was discovered in 1921 by Canadian scientists Frederick Banting and Charles Best. The discovery of insulin has saved millions of lives, and it is

now considered to be one of the most important medical discoveries of the 20th century.



Stem Cells

Stem cells are unspecialized cells that have the potential to develop into any type of cell in the body. They were first identified in 1961 by Canadian scientist James Till and his colleague Ernest McCulloch. Stem cells have the potential to revolutionize medicine, and they are currently being studied for the treatment of a wide range of diseases.



James Till and Ernest McCulloch, discoverers of stem cells

BlackBerry

The BlackBerry is a smartphone that was developed by Canadian company Research In Motion (RIM). It was first released in 1999, and it quickly became one of the most popular smartphones in the world. The BlackBerry was known for its secure messaging and email capabilities, and it was used by many business and government leaders.



IMAX

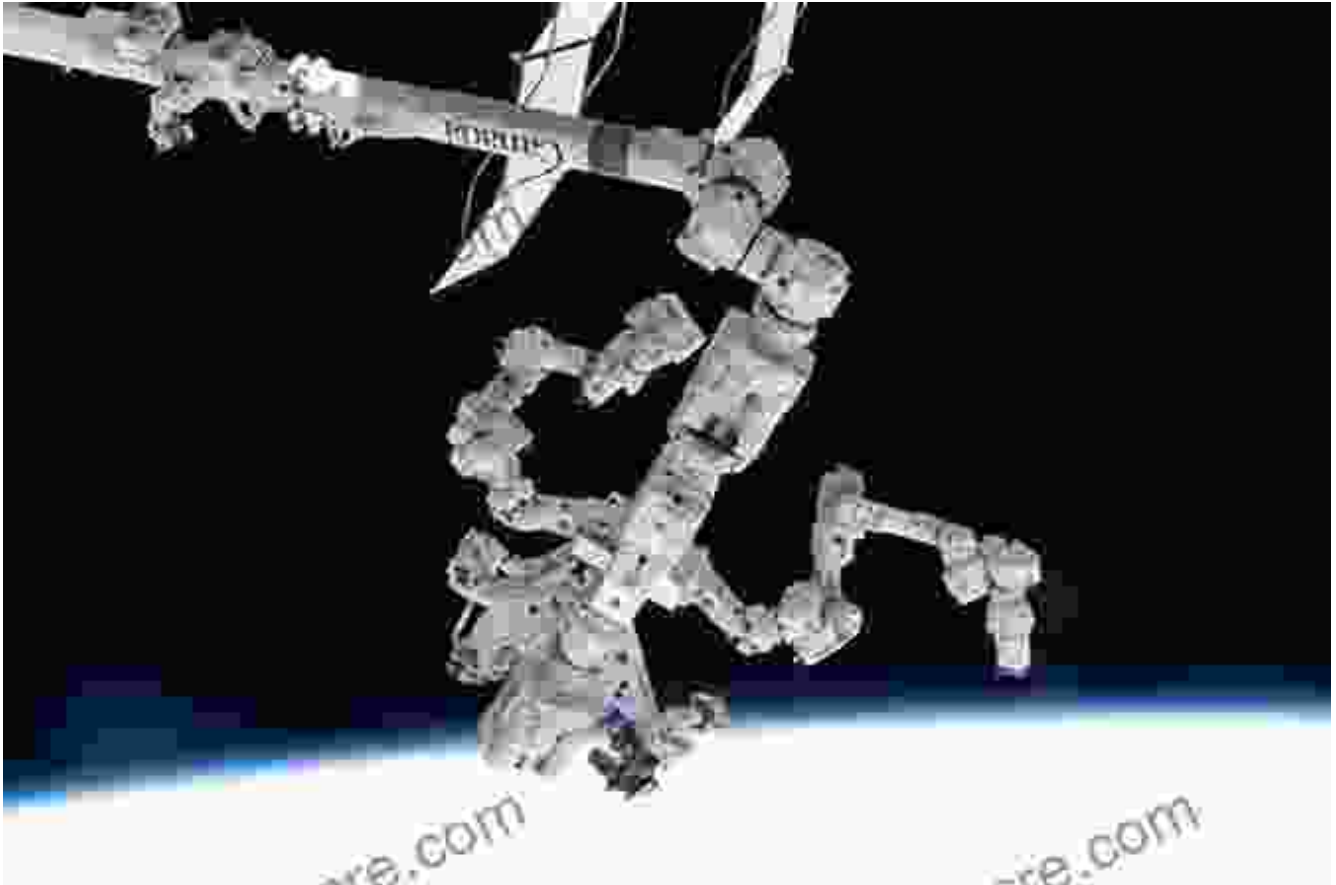
IMAX is a film format that was developed by Canadian company IMAX Corporation. It was first released in 1970, and it quickly became the standard for large-screen cinema. IMAX films are known for their immersive experience and stunning visuals, and they are now shown in theaters all over the world.



The IMAX film format, developed by Canadian company IMAX Corporation

Canadarm

The Canadarm is a robotic arm that is used on the International Space Station. It was developed by Canadian company MacDonald, Dettwiler and Associates (MDA). The Canadarm is used to perform a variety of tasks, including moving objects around the space station, repairing satellites, and conducting scientific experiments.



Canada has a long and proud history of innovation and technological development. Canadian inventors and scientists have made significant contributions to the world, and their work has helped to improve the lives of millions of people.

As Canada continues to invest in research and development, we can expect to see even more groundbreaking inventions and innovations coming from this country in the future.

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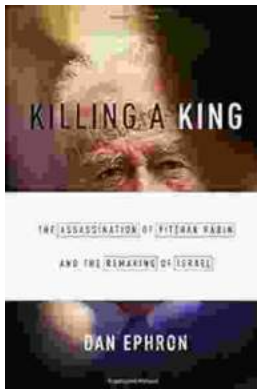
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