

Holy Scriptures Echoing

FIRMAMENT AXELS.

May 31, 2025



The Book of Amos Chapter 5 verse 8:

“Seek him that maketh the seven stars and Orion, and turneth the shadow of death into the morning, and maketh the day dark with night: that calleth for the waters of the sea, and poureth them out upon the face of the earth: The LORD is his name:”

Holy Scriptures Echoing.

by James L. Murray.




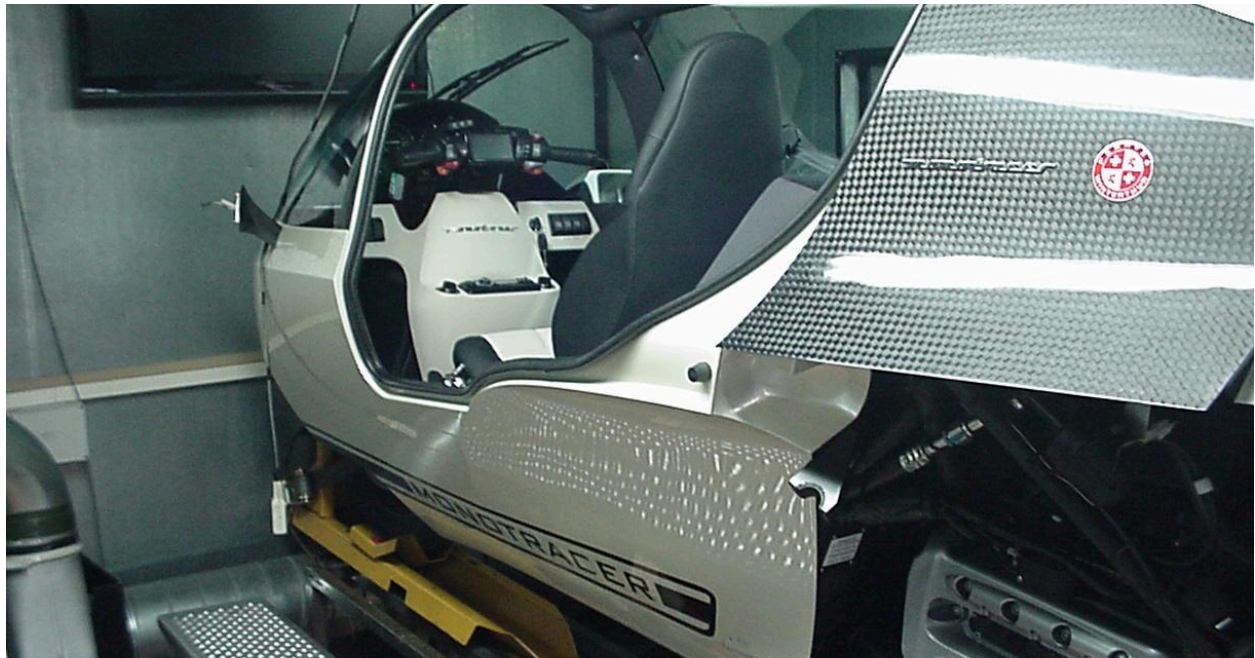
The Book of Psalms Chapter 68 verse 17:

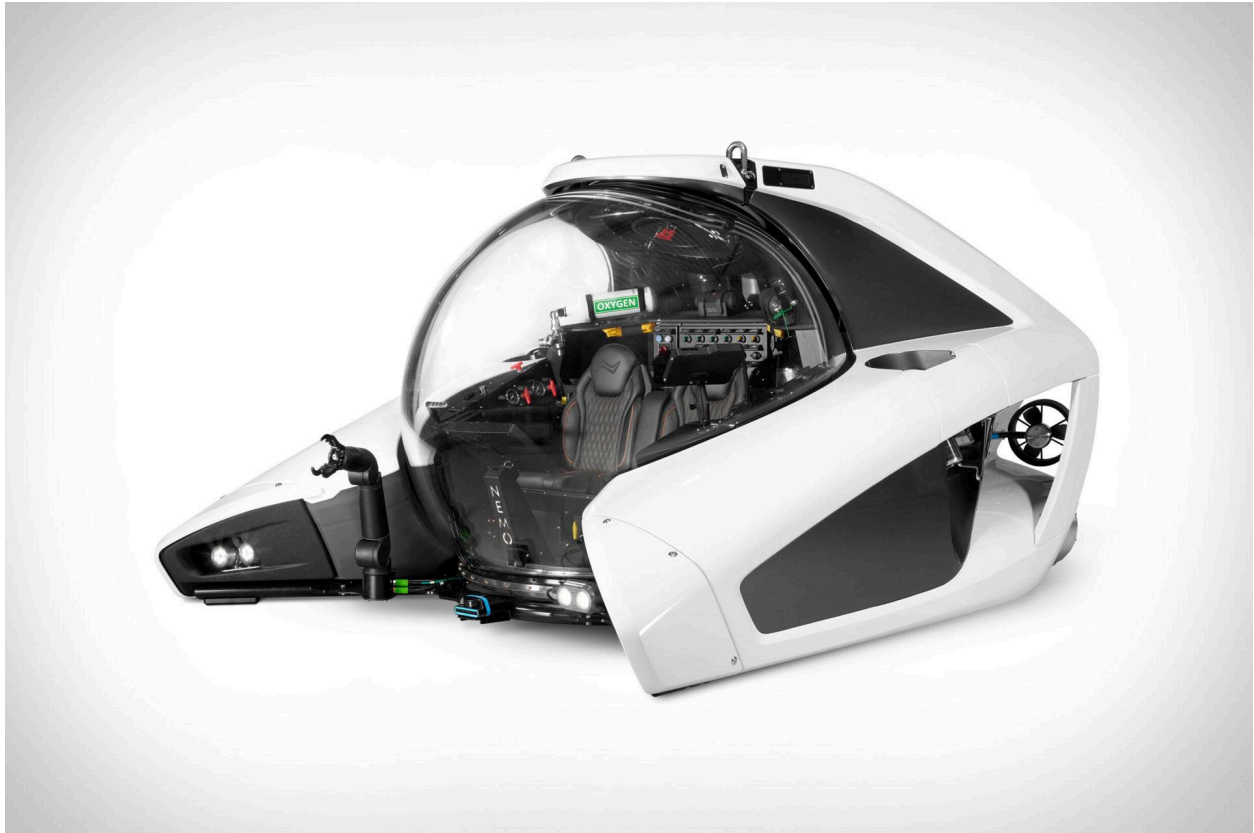
“The chariots of God are twenty thousand, even thousand of angels: the Lord is among them, as in Sinai, in the holy place.”

The Book of Ecclesiasticus Chapter 43 verse 6:

“He made the moon also to serve in her season for a declaration of times, and a sign of the world.”







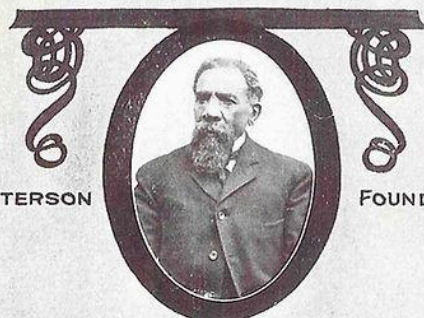




C.R. Patterson & Sons

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GREENFIELD, OHIO, U.S.A.



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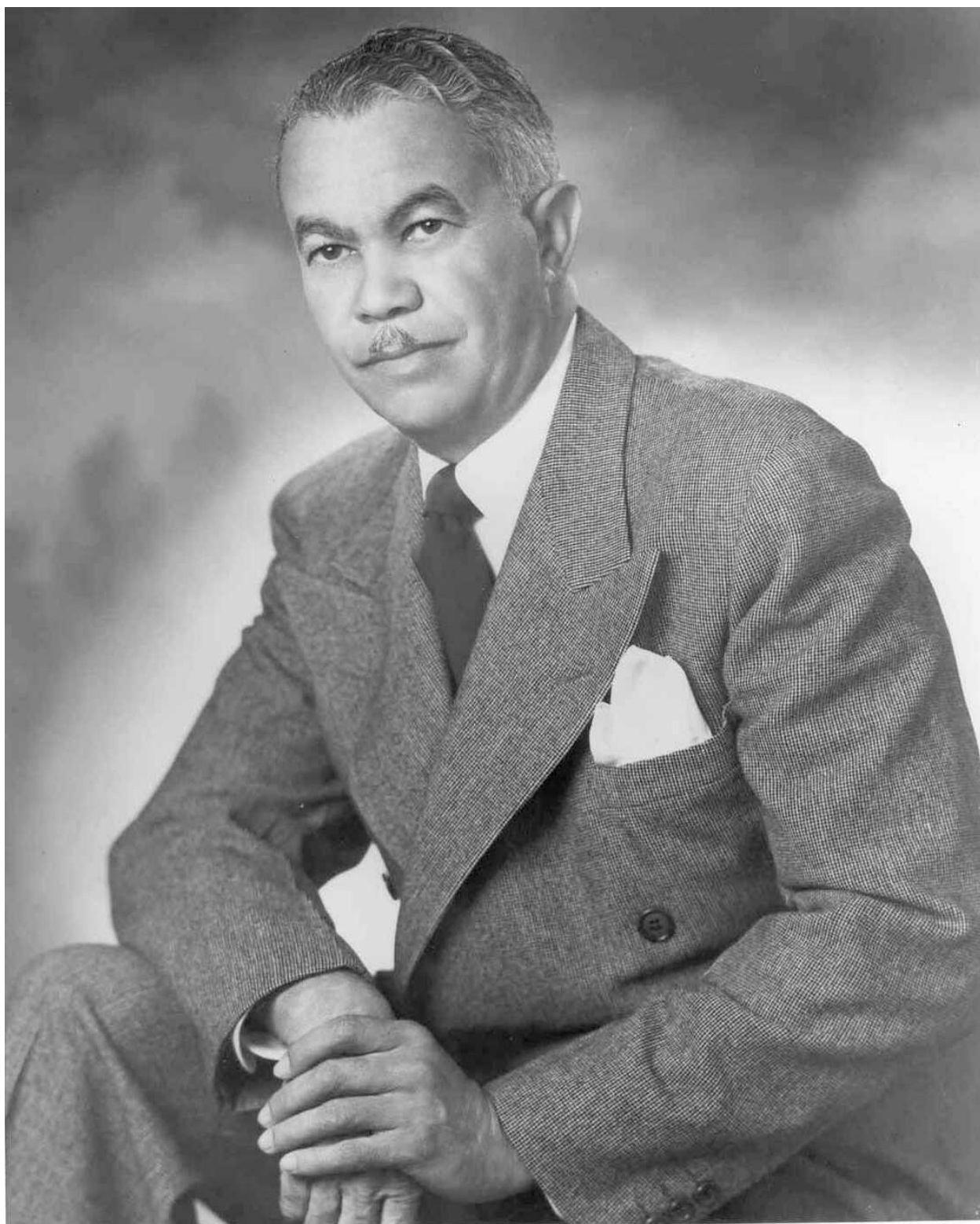
C.W. NAPPER-SALES
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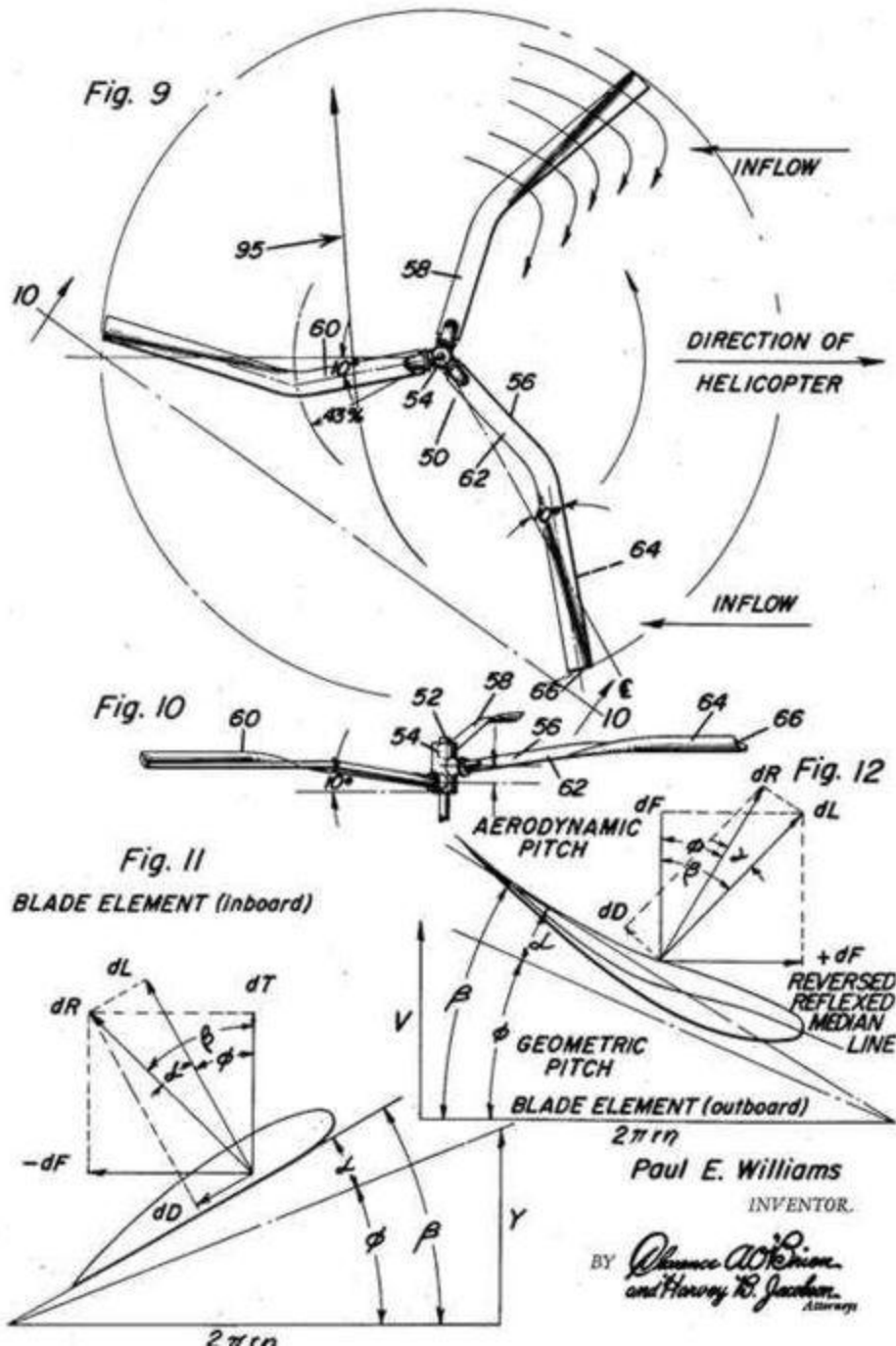
Nov. 27, 1962

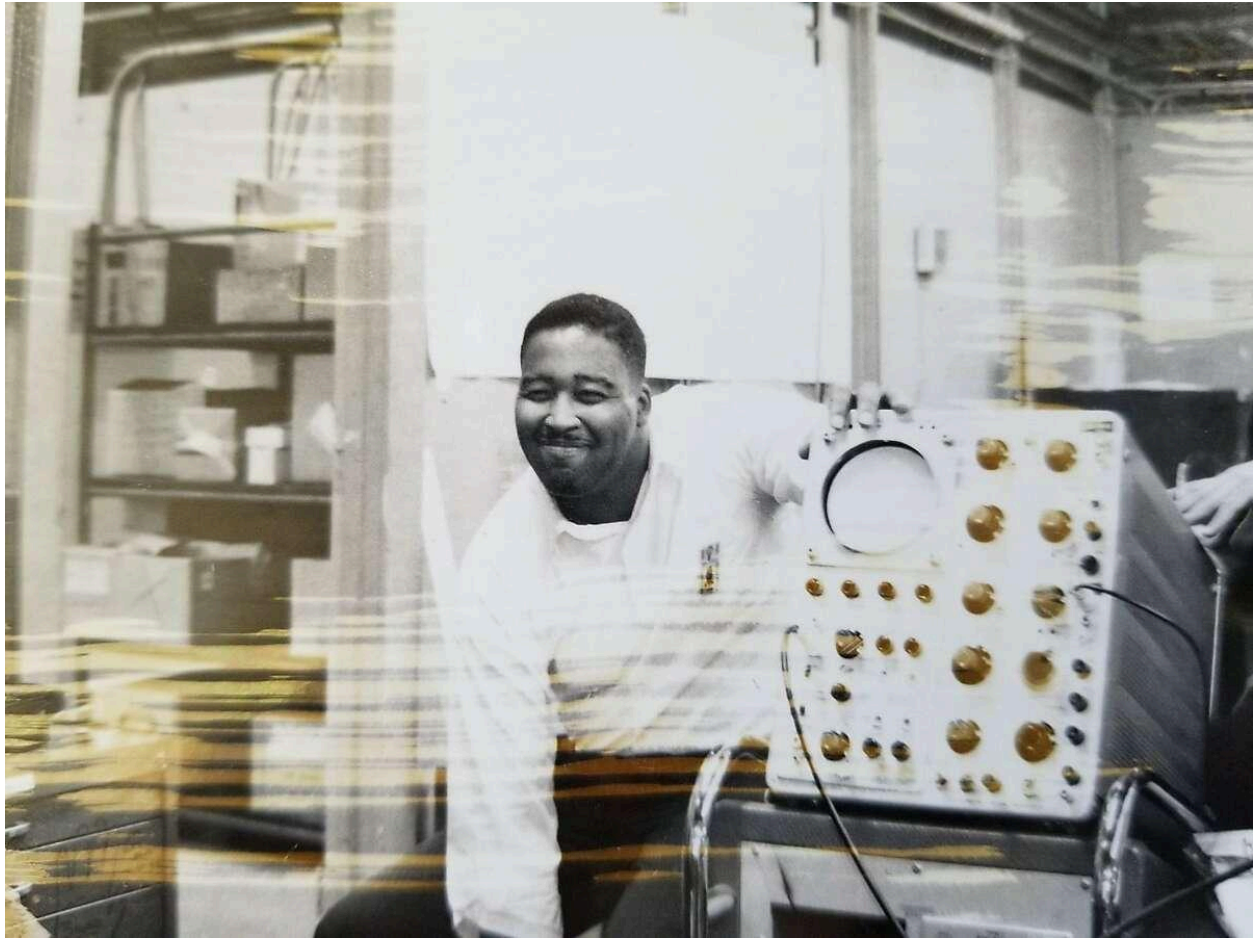
P. E. WILLIAMS
HELICOPTER

3,065,933

Filed May 20, 1960

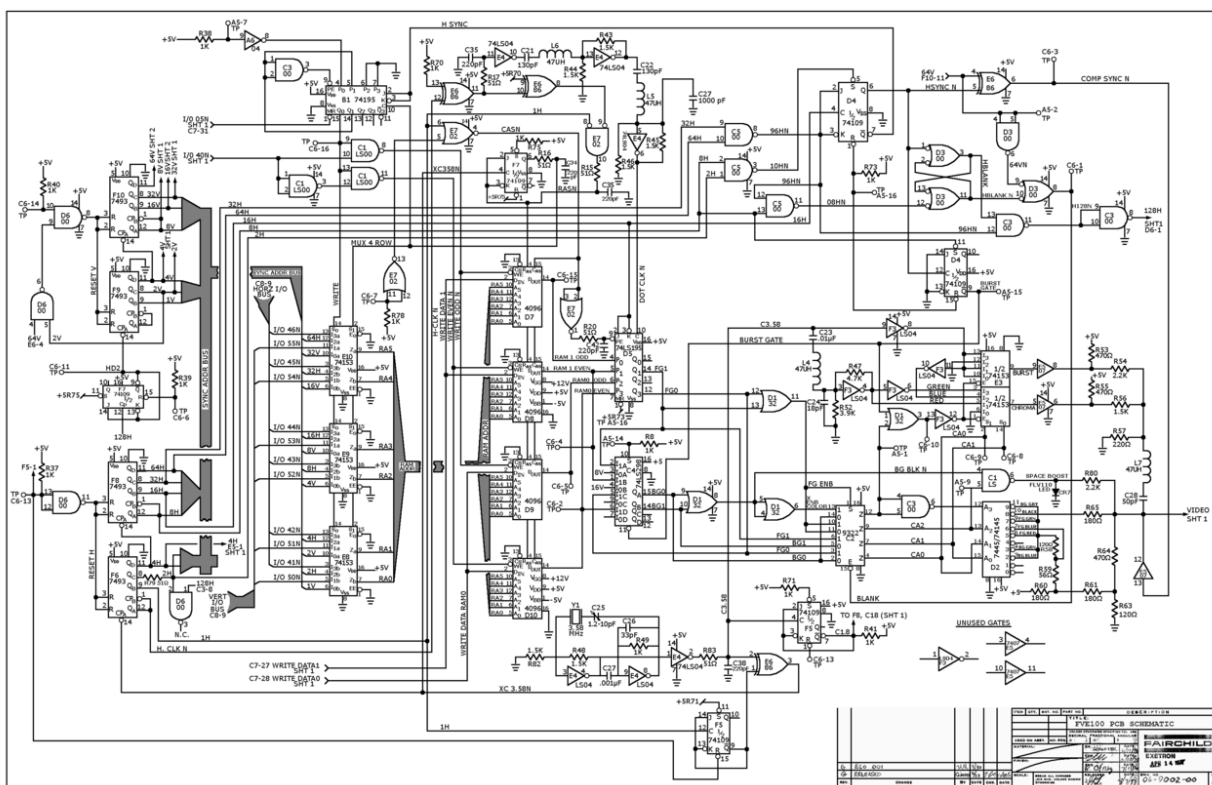
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Jerry Lawson.







Fairchild "Channel F" Video Entertainment Computer, Fairchild Camera and Instrument Corporation, US, 1976

Channel F was the first video console system to offer game programs on removable semiconductor ROM (Read Only Memory) cartridges.

Gift of Rita Gardiner, 102662898

Presenting the Anti-Boredom Connection

You've heard of electronic TV games. Probably even played them. So you know that, though they're fun at first, they tend to get old. And Boring.

Enter the Fairchild Video Entertainment System. It plays home TV games with plug-in cartridges. Rather than being a game, it's an entire selection of them. That's why we like to think of it as the anti-boredom connection.

Three Components. It takes three elements to make our System, Your TV. The console, which attaches to your TV. And the Videocart™ cartridges which plug right into the console.



And How They Work.

Since you already know how the first element (your TV) works, we'll start with the second.

The console: it's like a mini-computer. Once connected to your TV set, it turns the screen into an electronic playing field for the game of your choice.

Individual hand controllers, attached to the console, send information from you to the playing field.

*A trademark of Fairchild Camera and Instrument Corporation.

So that you can move your "players" and control the action anywhere on the screen.

Two games are built into the console to start. Hockey and Tennis. And, when you're ready for new challenges, there's lots more fun in store.

Read on.

The Videocart™ Cartridges: Each Videocart™ cartridge contains up to four brand new video games. It looks, and behaves, just like the kind of tape you'd play in a stereo tape deck. The difference, however, is that the Videocart™ cartridge is like a computer punch card, containing an actual program with the information needed to set your TV up for the game of your choice.

The Videocart™ game cartridges are what make the Fairchild a true entertainment system. With the ability to play so many different kinds of games, there will always be the right one. No matter who the player, what the skill level or when the occasion.

An Expandable Library of Video Game Fun.

Expandability. That's the real beauty of our system. Because new Videocart™ cartridges are going to keep coming . . . and coming . . . So that, chances are, no matter how many games you've mastered, there'll always be a new one to test your abilities.

Right now, there are three Videocart™ cartridges available. Bringing the total number of games playable on our System to ten (including Hockey and Tennis).

Videocart™-1—Pits you against the system. Four single player games include an electronic version of Tic-Tac-Toe, Shooting Gallery, Doodle (the screen doodles for you in colorful, kaleidoscope patterns).

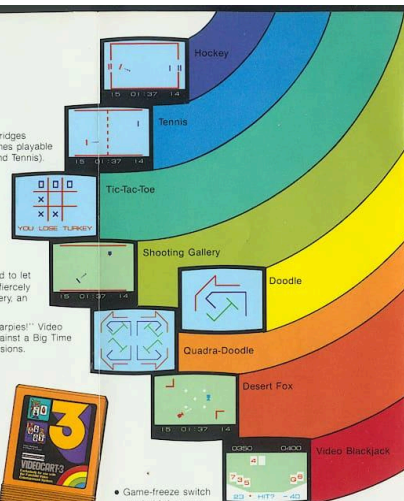
Videocart™-2—Invites you and a friend to let out your hunter instincts in Desert Fox (a fiercely competitive tank battle) and Shooting Gallery, an electronic skeet shoot.

Videocart™-3—Says "Bring on the sharpest!" Video Blackjack deals you into a heavy game against a Big Time dealer (your TV) in one and two player versions.

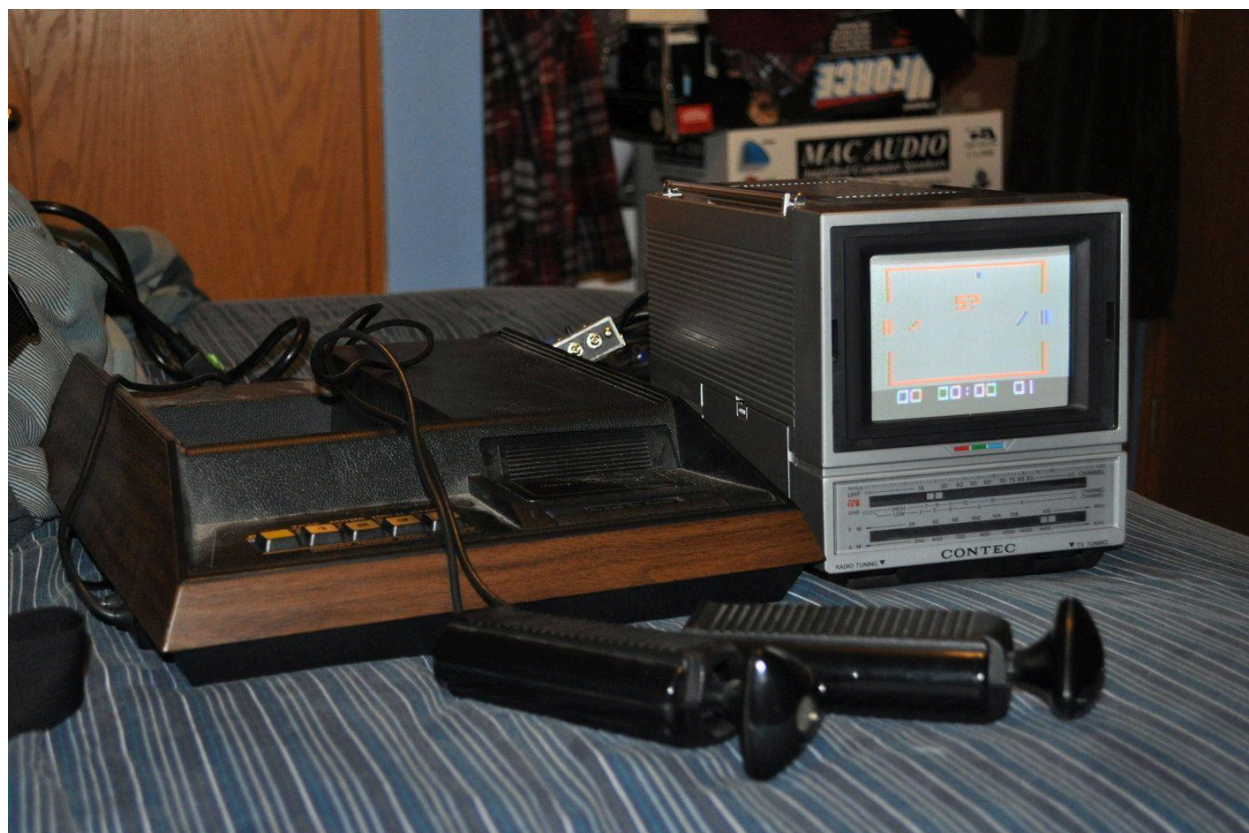


... Standard Console Features:

- Variable motion control—adjusts the speed of play to any skill level.
- Time limit selection—varies the length of the game.
- Remote hand controllers—for full screen play action.



- Game-freeze switch—to hold the game in place in case you want to take a break.
- Electronic sound effects—adds to the excitement.
- Full color tracking—no mistaking your player for your opponent's.
- Operates on regular household current—no batteries needed.
- Easy hook-up for any size or brand Black and White or color TV. (Game play in color on color televisions).
- Automatic on-screen scoring and timekeeping.



AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD



ASTRONAUT TRAINING SUIT

Inventor
Patricia Cowings
(1948 -)

Patricia Cowings has helped America's astronauts adjust to floating around in space so they can achieve more while on missions. Some astronauts suffer from "space sickness" that causes them dizziness, headaches, and upset stomachs. It makes it hard for them to do science experiments and to pilot their spacecraft.

Cowings created a special suit that warns astronauts they are about to get space sickness before they actually feel bad. She also developed a "feedback training exercise." With this training, astronauts can control their heart rate, breathing, and other body functions to avoid becoming ill. Since the 1980s, Cowings' system has helped the space program better prepare astronauts for space flight.

Zero Gravity Effect
About half of all astronauts experience "space sickness."



AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

MODERN MICROPHONE

Inventor
James E. West
(1912 -)

Almost all the microphones in use today are based on an invention of James E. West in the 1930s. West created the carbon microphone. Carbon, which is made of a fine dust of carbon, is packed in a cone-like shape. When sound waves hit the carbon, it vibrates and creates an electrical current. This current is then amplified to create the sound we hear.

Carbon microphones are used in cell phones, other devices, computers, hearing aids, and many other devices that transmit sound. West's carbon microphone is still used today. It is a simple, reliable, and inexpensive device that has changed the way we communicate.

AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

SPACECRAFT CONTROLS

Inventor
Lonnie Johnson
(1919 -)

It takes years for satellites launched from Earth to travel to distant planets. That's where spacecraft control systems come in. These systems help control satellites and the rockets that launch them. The systems help make sure the satellites are in the right place and the rockets are working properly.

Lonnie Johnson's many inventions and discoveries for the military and the space program have helped the world. His inventions have helped make the world a safer and more secure place.






AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

SHOE MANUFACTURING

Inventor
Jan Matzeliger
(1852-1889)

Before the 1890s, shoes were made by hand. It was a slow and expensive process. Jan Matzeliger invented a machine that could make shoes automatically. His machine was the first to use a steam engine to power the shoe-making process.

Matzeliger's machine changed the shoe industry. It allowed shoes to be made faster and cheaper. This helped make shoes more affordable for everyone.



AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

PC TECHNOLOGY

Inventor
Mark Dean
(1957 -)

Personal computers are everywhere. They're used in homes, schools, and businesses. Mark Dean is one of the people who made the personal computer possible.

Before these cool desktop computers, there were only mainframe computers. These were very expensive and took up a lot of space. Mark Dean helped create the first personal computer, the IBM PC. This helped make computers more affordable and easier to use.



AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

REFRIGERATED TRUCKS

Inventor
Frederick Jones
(1901 -)

Before the 1930s, there was no way to keep food and medicine cool during long trips. Frederick Jones invented the first refrigerated truck. His invention allowed food and medicine to be transported safely over long distances.

Jones' invention changed the way we transport goods. It helped make fresh food and medicine available to everyone.

AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

HAND-HELD COMPUTERS

Inventor
Donna Anguste
(1948 -)

Before the 1980s, computers were only found in large rooms. Donna Anguste invented the first handheld computer. Her invention allowed people to use computers anywhere.

Anguste's invention changed the way we use computers. It helped make computers more accessible to everyone.



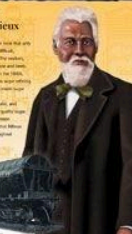


AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

SUGAR REFINING PROCESS

Inventor
Norbert Rillieux
(1806 - 1858)

Before the 1850s, sugar was refined by hand. It was a slow and expensive process. Norbert Rillieux invented a machine that could refine sugar automatically. His machine was the first to use a steam engine to power the sugar-refining process.

Rillieux's machine changed the sugar industry. It allowed sugar to be refined faster and cheaper. This helped make sugar more affordable for everyone.



AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

ELECTRIC TRAIN SYSTEMS

Inventor
Granville T. Woods
(1869 - 1930)

Before the 1900s, trains were powered by steam. They were slow and expensive. Granville T. Woods invented the first electric train system. His invention allowed trains to be powered by electricity, which was faster and cheaper.

Woods' invention changed the way we travel. It helped make trains more accessible to everyone.



AFRICAN-AMERICAN INVENTIONS THAT CHANGED OUR WORLD

ELECTRICAL RESISTORS

Inventor
Otis Boykin
(1922 -)

Electrical resistors are used in almost every electronic device. They help control the flow of electricity. Otis Boykin invented the first electrical resistor. His invention allowed electricity to be controlled more precisely.

Boykin's invention changed the way we use electricity. It helped make electronic devices more reliable.

Holy Scriptures Echoing FIRMAMENT AXELS.

May 31, 2025

The Book of 1st Kings Chapter
7 verse 32:

“And under the borders were four wheels; and the axletrees of the wheels were joined to the base: and the height of a wheel was a cubit and half a cubit.”