

The World of HEDY LAMARR

Actress and Pioneer of Communication Systems

THE BACKDROP

Hedy Lamarr, born **Hedwig Eva Kiesler**, was an accomplished Austrian-American actress. She starred in films such as *Lady in the Tropics* and was known across the country as a beautiful and talented actress. However, Lamarr revealed that she was more than an attractive figure. Hedy Lamarr was **a brilliant minded woman** as displayed through her unique inventions that changed the world's technology.



"I thought the aeroplanes were too slow...So I bought a book of fish, and I bought a book of birds, and then used the fastest bird, and connected it with the fastest fish, and then drew it together."

CAREER

Lamarr was **a scientist and inventor**. Though she was mainly known as a star in famous films, Lamarr undeniably **paved the way for many of today's common technologies**. During the peak of her career as an actress in 1942, Hedy Lamarr and George Antheil **designed a radio signaling device** intended to be used against the German Nazis.

AWARDS

Lamarr received little to no recognition for her inventions until 1997. Ultimately, she received:

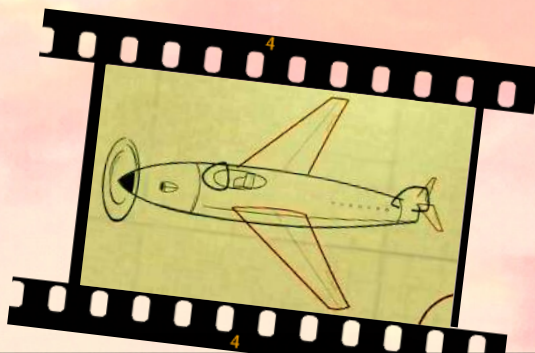
- the Electronic Frontier Foundation Pioneer Award
- became **the first woman** to receive the Bulbie Gnass Spirit of Achievement Bronze Award.
- was inducted into the **National Inventors Hall of Fame** 14 years after her death.



"Hope and curiosity about the future seemed better than guarantees. That's the way I was. The unknown was always so attractive to me... and still is."

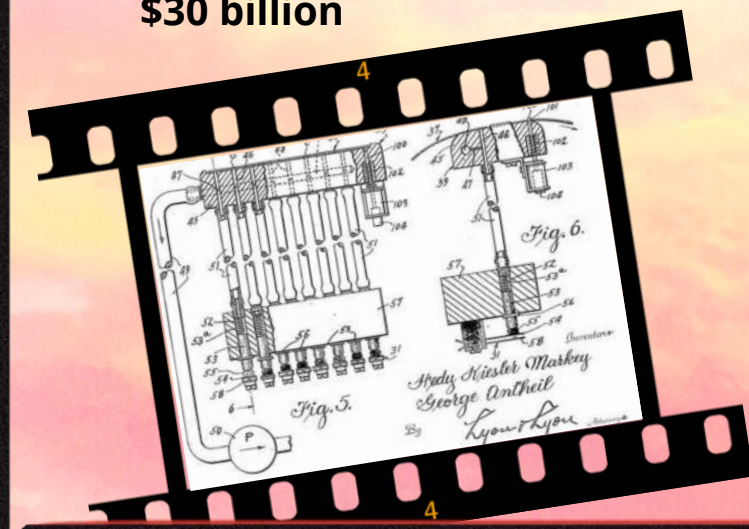
AIRPLANES

- Designed new airplane wing shape **deviating** from common square-shaped airplane wings
- Combined the **fastest bird and fish**



SPREAD SPECTRUM

- **Frequency-hopping system;** to easily change between different radio signals by changing the carrier frequency
- **Granted a patent**
- Used by the military in the **Cuban Missile Crisis**.
- Calculated to be worth around **\$30 billion**



LEGACY

Hedy Lamarr is a **huge role model** in our club because of her **"Think Big" philosophy**. She proved that people can pursue what they want, and do not need

to follow an existing path. She chose to **defy public perceptions and expectations**. Even when society discounted her brilliant inventions, Lamarr continued to innovate. Hedy Lamarr's attitude is an inspiration for others around the world, as it shows how anyone can be more than just what they are recognized for.

