

# Pacemaker

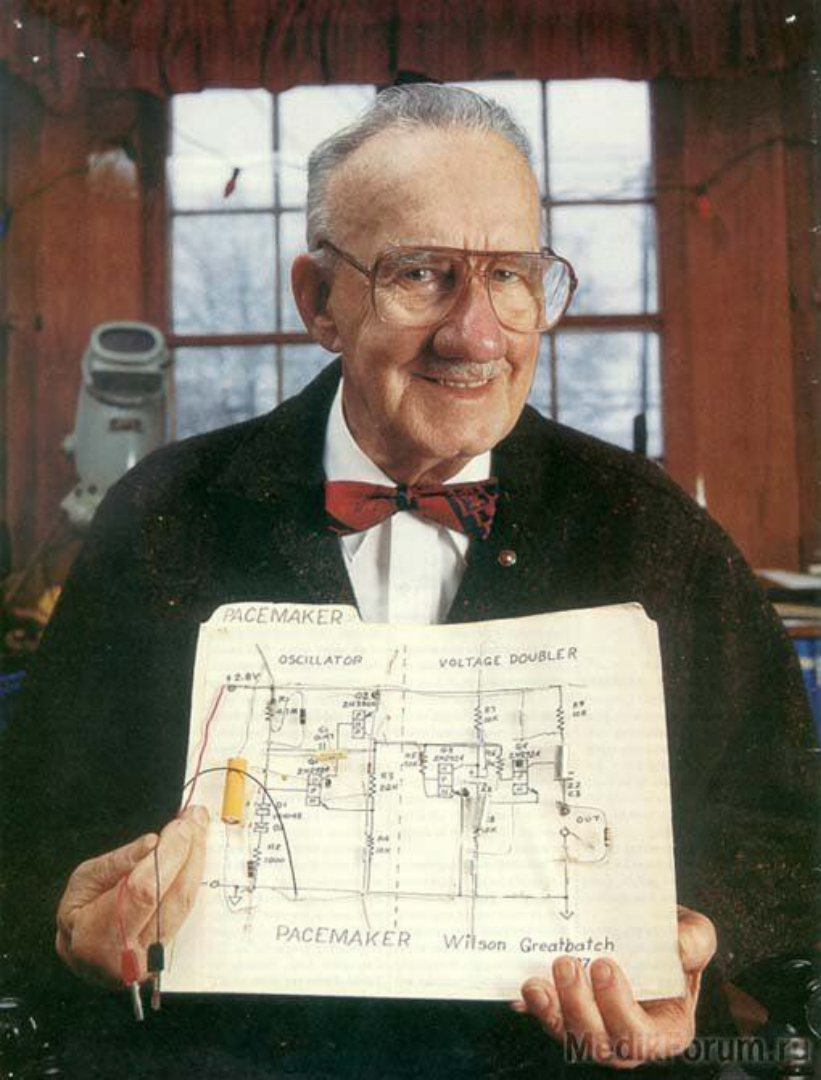
speaker Volkov R.S.

FACULTY OF RADIOPHYSICS TSU

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\*расemaker-кардиостимулятор



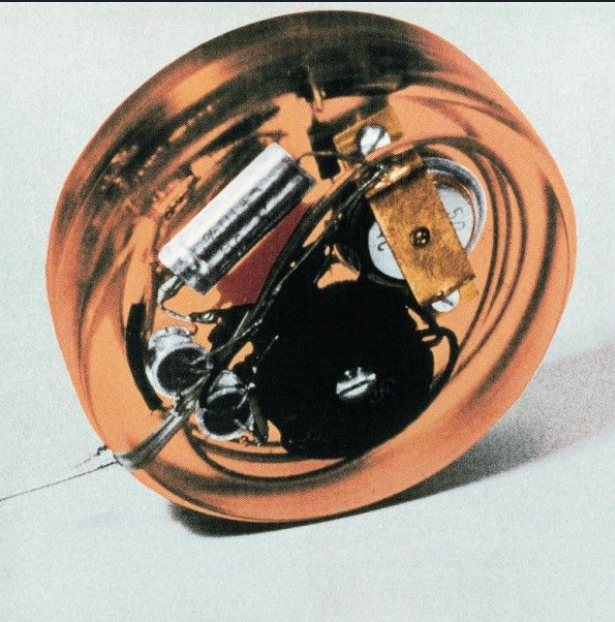
# Wilson Greatbatch

(September 6, 1919 – September 27, 2011)

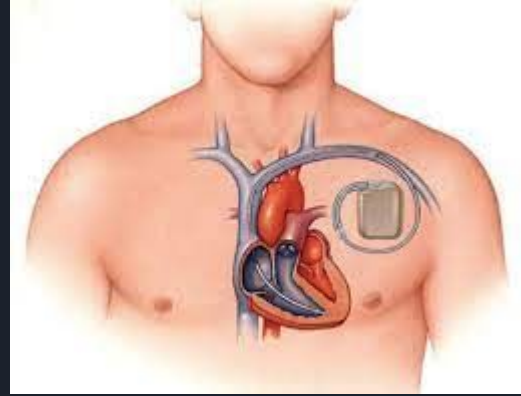
*“Failure is a learning experience, and the guy who has never failed has never done anything” – Wilson Greatbatch*

## The Mistake that Sparked It All

In 1956, Greatbatch attempted to create a heart rhythm recorder. However, after mistakenly adding an incorrect resistor, the device produced electronic pulses instead of simply recording the sound of the heartbeat as he had intended.



\*rhythm-ритм



In that moment, he realized that this device could help an unhealthy heart stay in rhythm by delivering shocks to help the heart muscles to pump and contract blood.

In the barn behind his home, the electrical engineering professor worked to use his inadvertent discovery to create the world's first implantable pacemaker. The first Greatbatch pacemaker was implanted in a human patient in 1960, and Greatbatch was awarded a patent for the device two years later.

Thank you for your  
attention



# references:

<https://www.intellectualventures.com/buzz/insights/the-heartbeat-of-invention-how-pacemaker-creator-wilson-greatbatch-saved-co/>

