



THE  
AMAZING MIND OF  
GRANVILLE WOODS

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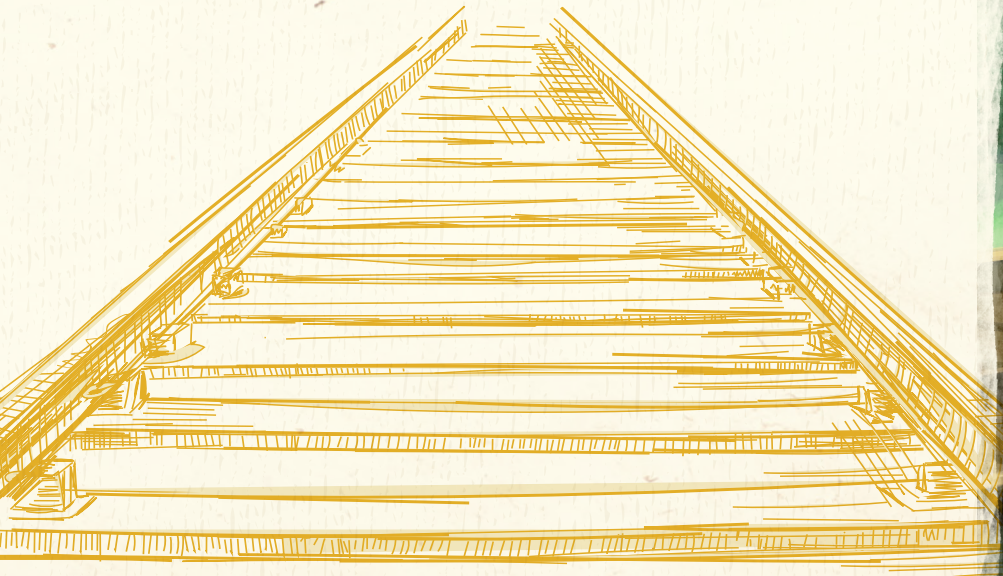


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Have you ever walked along a railroad track and noticed the two rails running side by side for miles and miles?

When railroad tracks were first laid on the ground in the 1800s—mile after mile of parallel iron rails—there was no engine connected to the rail cars; the cars had to be pulled by something else. Can you guess what pulled them down the railroad track?

Horses did!





When sad things happen, there are always beautiful miracles to be noticed if we just look. The same year of the tragic train wreck, 1856, a beautiful baby boy was born in Columbus, Ohio, who would grow up to make trains one of the safest forms of transportation in the world!

This precious baby was named Granville T. Woods.





He invented something called the *synchronous multiplex railway telegraph*. That's a huge term, but, simply put, Granville Woods invented a way for trains and train stations to communicate with each other through telegraph lines. That meant no more wondering if two trains were headed straight for each other on the same track! The railway telegraph made train transportation an incredibly safe way to travel.



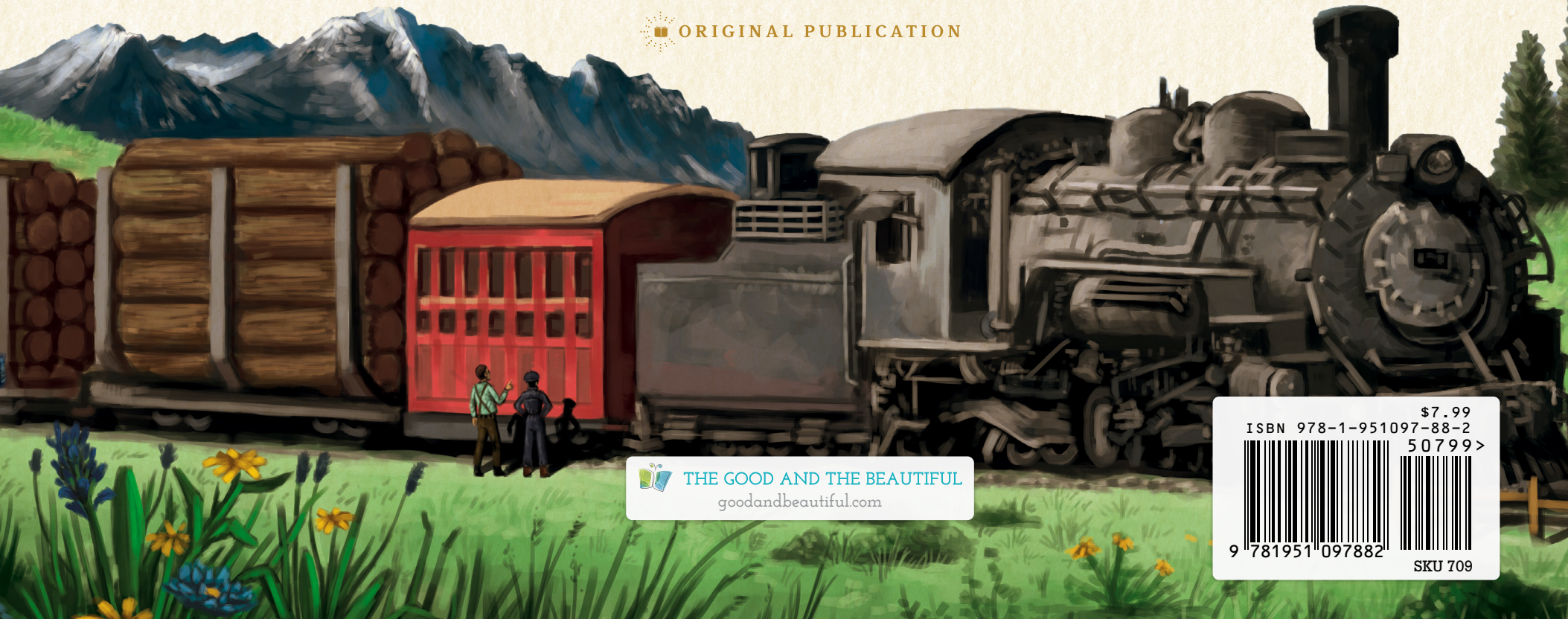
Granville also invented much-improved electric train brakes, increasing the safety of railway travel even more.



# THE AMAZING MIND OF GRANVILLE WOODS

Born in 1856, Granville Woods filled his mind with knowledge every chance he could, despite a lack of equal opportunity for African Americans. Though some people choose to just talk about the problems in the world, Granville chose to find solutions! Through hard work and dedicated study, Granville Woods harnessed electricity to create inventions that saved lives and changed the world.

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