

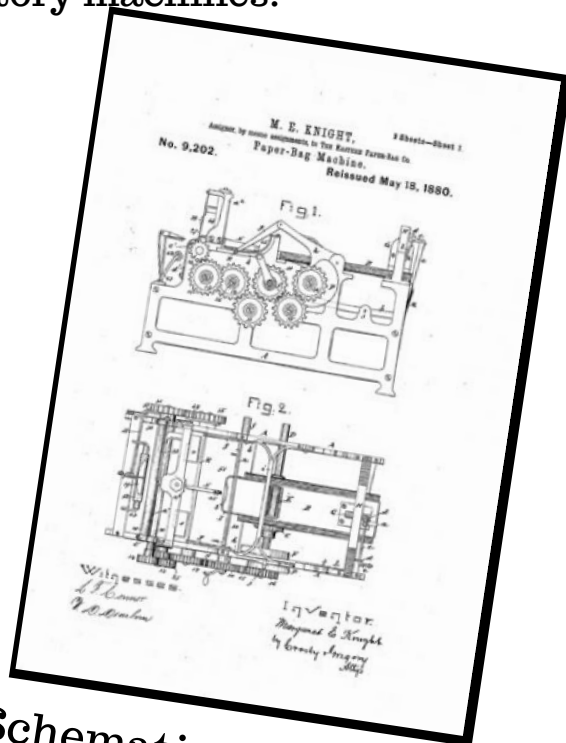
# Margaret Knight

Margaret (Mattie) Eloise Knight was born on February 14, 1838, in York, Maine. After Margaret's father died when she was young her family moved to Manchester, New Hampshire where she received a basic education.

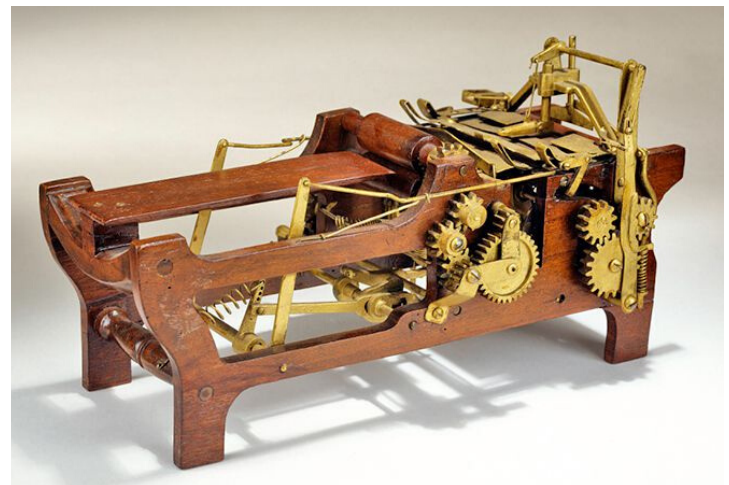
Mattie Knight was a factory worker from a very young age. Mattie saw that everything in the mills did not always run smoothly.

At the age of 12, Mattie witnessed a horrible accident. Steel-tipped wooden shuttles would occasionally fly off their looms, and this time the flying shuttle cut a worker very badly. Margaret invented a safety device to protect workers from these shuttles that fed string to the looms. She saved a lot of lives with this invention. Among lots of other things, Mattie invented a machine for making square bottom paper bags.

In her lifetime, she was responsible for over 80 patented devices. Nearly all Margaret Knight's inventions were improvements for factory machines.



Schematics for Margaret Knight's famous paper bag machine



Original Paper Bag Folding Machine invented by Margaret Knight on display at the Smithsonian



# Marvelous Mattie Knight



Connect the dots to discover some of the items that Mattie's Marvelous inventions made!