Each of the four cogs contains one nine-letter word whose letters have been jumbled up. Each letter is used only once. Use the clues to work out each word.

Then use the black and white letters to find two more inventions that came about by accident.

Wheel 1: You could get stuck on this one! Really stuck! This amazing stuff can stick almost anything.

Wheel 2: This one might find a place in your heart – and keep it going, too.

Wheel 3: Want a meal in a minute? Use this to cook your food from the inside out.

Wheel 4: With all the fizz and sparkle you can see why the monks celebrated this lively drink.

Extra word 1 (use the white letters)
__ __ __ __ __ __
Extra word 2 (use the black letters)
__ __ __ __ __ __ __ __ __ __

Extra word 1: No need to zip it up, button it or strap it down. Even NASA use this clever material to fasten things in space.

Extra word 2: This fungus, found growing on a culture dish in 1928, has been called the first miracle drug and cures millions of people every day.
For Fun: Creative Thinking

Need some hints?

Wheel 1: You could get stuck on this one! Really stuck! This amazing stuff can stick almost anything.
S _ P _ R_ _ GL _ _

Wheel 2: This one might find a place in your heart – and keep it going, too.
P _ C _ M _ K _ R

Wheel 3: Want a meal in a minute? Use this to cook your food from the inside out.
M _ CR _ W _ V _

Wheel 4: With all the fizz and sparkle you can see why the monks celebrated this lively drink.
CH _ MP _ GN _

Extra word 1: No need to zip it up, button it or strap it down. Even NASA use this clever material to
fasten things in space.
V _ LCR _

Extra word 2: This fungus, found growing on a culture dish in 1928, has been called the first miracle
drug and cures millions of people every day.
P _ N _ C _ LL _ N

Answers:

Wheel 1: Super glue
Wheel 2: Pacemaker
Wheel 3: Microwave
Wheel 4: Champagne
Extra word 1: Velcro
Extra word 2: Penicillin