

## Hidden Gems

# 5 Unexpected Innovations!

1

### The Hammer Hook

This is Petty Officer 1st Class Kevin Spratt. He invented the hammerhook – a sledgehammer and hook he needs for his job. By combining the two tools he saves up to 1.5 hours every day. You take that kind of time and efficiency savings and multiply it across the Coast Guard's 40,000 employees and you're talking millions of dollars of savings.



2

### The Bucket Mister

This is Brian Stearns - a marketer with an idea: the bucket mister. The bucket mister was recognized by Home Depot as one of the most innovative products of the year. It generated millions of dollars in sales and created numerous new jobs in the City of Anderson, South Carolina.



3

### The Solar Powered Wheelchair

A man in Turkey wanted access to a wheelchair that could be powered by renewable energy, so a group of students at the University of Virginia created a wheelchair that can run continuously powered only by the sun.



4

### Re-Usable Oil Analysis Caps

Tech. Sgt. Patrick Oliver, designed a product that saves him and his team approximately 10 minutes of daily work and an estimate of \$144,000 a year Air Force wide. His re-useable oil analysis caps allow his team to take samples from aircrafts, put them into fluid holders and test them. The caps can be used over and over which means more efficiency and less waste for the Air Force.



5

### Microgravity Capillary Cylinder

The NASA team wanted to identify a new tool that would allow for real-time, in-flight urine volume measurements in a zero gravity environment and found the solution in the form of the microgravity capillary graduated cylinder.



Finding this solution saved NASA over \$1M and four years of research time. But perhaps even more inspiring was the fact that the microgravity capillary graduated cylinder came from someone who worked only 300 yards away from the challenge owner, but they never knew that their tool was needed for this other purpose until the crowdsourcing challenge.

93%

#### Engagement changes culture

93% of crowdsourcing programs are aimed at creating a culture of innovation and increasing engagement.

75%

#### More and more companies are using crowdsourcing

Manufacturers predict that in 2019 alone, 75% of consumer goods will contain innovation and development capabilities derived from the practice of crowdsourcing.

#### DID YOU KNOW...

The average person has an estimated \$1,200 to offer to any organization that is looking to crowdsourced ideas? Don't miss out! Reach out to your crowd today.



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#### Sources

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