

As I stepped through the hospital gate, the immense white building no longer seemed cold and gloomy. I had found true love for humanity there. And it made me think back to an incident from a year ago...

I was the top student in the best high school in China's XXX province. One day my classmate's father was diagnosed with rectal cancer. This event was a major turning point that made me realize the uncertainty of life. I also came to believe that individuals should do everything possible to make a difference in the world, no matter how limited their resources.

I started doing research, and found that rectal cancer patients are given an artificial anus by cutting a hole in the healthy part of the rectum. Their excrement is collected in a special plastic bag connected to this opening, causing the surrounding skin to swell and decay.

I became determined to solve this problem by inventing a safer tube to connect the bag. I began thinking of a design using a macromolecule substance that can be acquired from an everyday item, such as a tampon. I shaped a tampon into a tube with a diameter larger than the opening of the artificial anus. The prototype could prevent most leakage, but excrement still leaked through.

As a high school senior, I was under great pressure from the forthcoming college entrance exam, and I stayed in school from 7 am to 10 pm every day, including weekends. With so little time at my disposal, I was troubled by how much I should invest in developing my solution. I began to doubt whether a high school student could succeed in this endeavor, but with my parents' encouragement, I remained determined to complete my research.

With continuous experimentation and revision, I finally had an important breakthrough. I fixed the prototype's defects by narrowing the tube and supplementing it with an arch design. The leakage was solved and the usability was improved. My completed invention won first prize in the Copyright © 2007 Top Admit All Rights Reserved. Youth Technological Invention Contest and was awarded a patent.

For over a year, I had balanced schoolwork and research, while sacrificing other

aspects of my life in order to make a contribution to humanity. I have no regrets. In the future, I am passionate to become an entrepreneur. I wish to acquire extensive business knowledge and management skill to control research and development projects, cultivate team spirit to work with others, and market more medical care inventions that can improve human's life to keep fueling my passion to help others. After exploring several alternatives, I believe the challenging and stimulating atmosphere of XX University is the ideal place for me to turn my ambitions into realities.

As I walked into a cold and gloomy hospital to discuss the practicability and application of my invention with the doctors and patients, I saw the grateful expressions in the patients' faces. Their silent gratitude warmed my heart in a cold building. As I later walked home with firm steps, I was determined to pursue advanced studies and make further contributions to the world.

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