



National Award, Third

Idea: Battery charging shoes

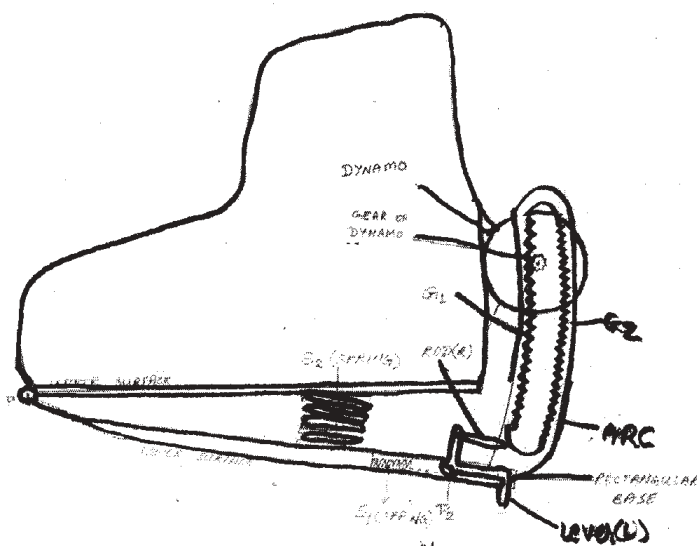


Shri Rajesh Ranjan

Battery charging shoes

In the lower layer of the shoe, a dynamo and a gear could be attached. When the shoe would be pressed against the ground, the rotor of the dynamo would rotate due to the weight of the body. Hence, electricity would be generated and the rechargeable batteries would get charged. There was no product of this kind in the country. However, PCT application 0221955 (October, 2002) resembles the concept but not the mechanism. The fact that there is only one such prior reference, highlights the importance of the idea and proposed mechanism.

Rajesh is an unemployed graduate. He has recently been selected for the post of Sub Inspector in BSF. He had been attracted towards machines since his childhood. He has many imaginative ideas to make new machines, but lacks technical education and resources. Family reaction to his work was also not very encouraging and it depressed him a lot. He received constant motivation, encouragement and valuable suggestions from his cousin Shailesh and his biology tutor Mr. A. K. Singh.



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