

## Foreword

Rapid development of high technology has changed the way people think about solving the daily problem. One business man used to tell me that it takes less than one thousand NTD to fly a toy helicopter with remote control, why then we cannot develop a household semi-automatic strapping machine with less than 5,000 NTD. The psychological inertia hinders us to think it is possible to achieve the bold statement is that when people think about semi-automatic strapping machine, they think about motor, an expensive part, to drive the strapping operations. Only tap into the current development of electrical engineering, could one solve the problem with cheap driving source. There is no need to make a durable semi-automatic strapping machine, because it is designed to be a consumer appliance in the household garage. The average life cycle of such a product is about two years. As long as the strapping machine does the job in the two years, it is worthy. Here is a paradigm shift. Semi-automatic strapping machine used to be a tool in the factory for strapping parcel of newspaper and magazine and the like. It takes over 10,000 NTD to have one strapping machine. The demand quantity is low too, since it is durable and people use it for over ten years. However, when it shifts from factory use tool to household appliance, the demand quantity soars up, which induces low price to purchase it.

We want to share the story above to stimulate our audience to think with TRIZ mind to solve our daily challenge. Theory has to union with the reality, thereby rubber meets the road. It is our hope that more industrial cases will be presented in the IJoSI. Through the real world case study, it helps us re-focus what we learn in systematic innovation realm. New theory will be created in the new problem, whereby the new theory can be used to solve other problem. We are happy to announce the issue of the 1<sup>st</sup> issue of 2012 (Vol. 1, no. 4). Three papers are carefully reviewed under the Journal's regular publication guidelines. As usual, all the papers are then subject to rigorous peer-review process. And, team efforts contribute the complete publication of this issue. Thanks to the reviewers, the authors, and the committee for their relentless help. And you will find these papers interesting and useful to your personal application.

Finally, you are cordially invited to submit your original papers to IJoSI electronically through the website at <http://www.IJoSI.org>. Any feedback or question, please send email to [editor@systematic-innovation.org](mailto:editor@systematic-innovation.org).

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