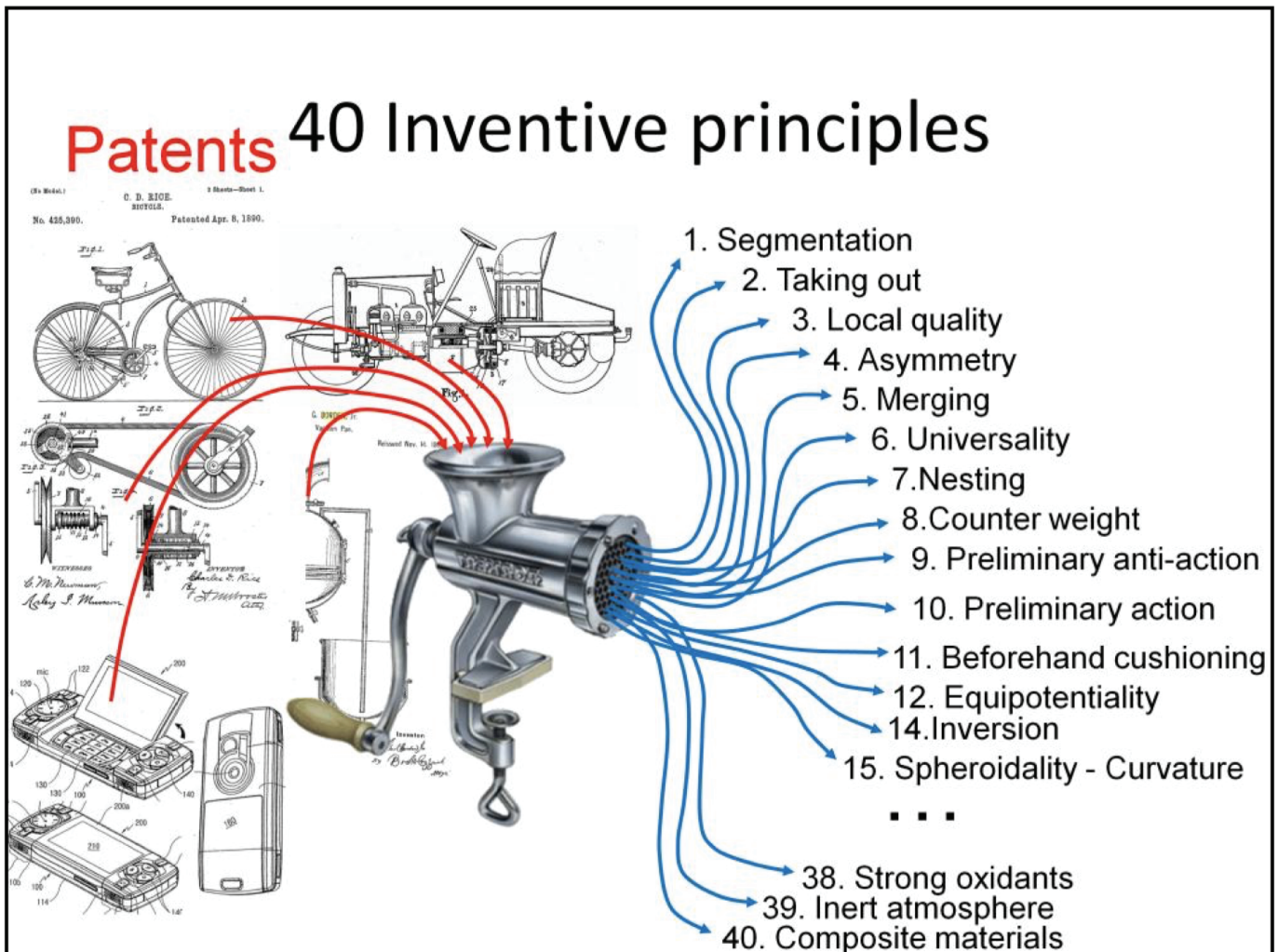




40 TRIZ Tools for Organizational Development



Leading Change to Reach the Ideal Final Result

14 - 16 May 2024
Kuwait

The Idea in Brief

When firefighters pump thousands of gallons of water into a burning building, the water can cause more damage to the building than the fire itself. Mist is a more effective fire extinguisher, and causes much less damage than water sprayed from a high-pressure fire hose. "Segmenting" the stream of liquid into a mist of small water particles increases the good effect of water and minimizes the bad effect, resolving the contradiction and bringing firefighters closer to the ideal final result (IFR). Genrikh Altshuller, a Russian engineer, studied thousands of patents and discovered that there are only about 1,500 basic problems, each of which can be solved by applying one or more of the 40 universal principles or "tools", like segmentation. Altshuller called his theory TRIZ, a Russian acronym for the Theory of Inventive Problem Solving. TRIZ recognizes that systems evolve towards ideality by overcoming contradictions mostly with minimal introduction of resources.

$$IFR = \frac{\sum UF}{\sum HF + \sum Cost}$$

The diagram shows the formula for Ideal Final Result (IFR). The numerator is labeled "Useful Functions" and the denominator is labeled "Harmful Functions" and "Resources Consumption".



Program Objectives

This dynamic (hands-on) three-day workshop is ideal for members from areas including: Project Management, Production, Maintenance, Health Safety and the Environment, Commercial & Admin. At the conclusion of the workshop, delegates should be able to:

- Formulate a problem by defining the key contradiction that underpins it
- Identify the six characteristics of the Ideal Final Result (IFR)
- Identify the three basic findings on which TRIZ relies
- Apply one or more TRIZ tools to reconcile contradictions and reach IFR
- Identify the 39 parameters of the TRIZ contradiction matrix

Event Information

Date : 14 - 16 May 2024

Location : Radisson Blu Hotel - Kuwait

Workshop Leader: Ali Agha

Investment per delegate: \$1500.00 USD

How to register :

By phone: +965 9693 - 5610

By email: Info@think-cycle.com

Online: https://think-cycle.com/TRIZ_4_OD

As president of Think Cycle Consulting, Ali has 28 years' experience in working with organizations on leading change to boost performance and deliver positive outcomes

