

## Application of USIT to Useful Paper Fastener

MPUF (Microsoft Project Users Forum) USIT/TRIZ Study Group:

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### Abstract

MPUF (Microsoft Users Forum) is an NPO aiming at the improvement in the quality of Project Management. The number of study groups launched is about 20, and the USIT/TRIZ study group was launched in April, 2007. Members aim at improving through events, seminars, communities and study groups, about various subjects related to project management. The theme introduced this time is the achieved result through the Working Group activity of the study group.

The following result was able to be achieved by using the technique of USIT in the WG to cope with the issues facing the existing paper fasteners.

1. It became easier to advance discussion because the procedure and things to be done become clear by using the USIT workbook (announced from this society last year). And, the USIT template form was used to arrange the results. As a result, it was confirmed that the results could be effectively shared by using the USIT template form to summarize the process of each STEP.

2. Key Words of a wide viewpoint were obtained from this approach, and some ideas generated from these Key Words will be introduced.

### Extended Abstract

In the USIT workbook, "Purpose", "Note", "Work procedure" and "Notice point" of each item are first described, and then, case examples are described. In actual work, we will start by looking it, so the work that we are doing becomes clear. It became possible to confirm the STEP of work by pasting the results into the USIT template forms.

#### <USIT Workbook example>

- 1. 課題定義
  - 目的: 「問題」を明確にして達成すべき「課題」をステートメント化して、それをメンバー間で合意する。
    - 既得技術や保有リソースの制約を除外して、自由に考える。
    - コストや納期等は、「6 章 アイデア評価」で考える。
  - 留意点:
    - 解決したい問題をはっきりさせる。「問題点」として書く。(「希望」はその表現を裏返しにして「問題」の表現にする。)
    - 解決したい問題が複数ある場合は、各自解決すべき最も重要な問題を選択する。
    - ワーキンググループ等複数人で問題解決を図る場合は、メンバー間で合意をとる。
    - 問題の背後にあるメカニズムを分析し、問題の根本原因を考察する。
  - 作業手順:
    - 1-1. 問題状況を説明する。
    - 1-2. 問題状況を図解する。
    - 1-3. 課題を設定する。
    - 1-4. 対象とするオブジェクト(モノ)を設定する。
    - 1-5. 根本原因の推定と検討すべき根本原因の範囲を決定する。
    - 1-6. 中核課題のステートメントを作成する。

#### <USIT Template Form example>



<Improvement ideas for paper fastener >

Some of the paper fastener improvement ideas put out by using the USIT operators are shown below:

#### 5. Solution Procedures

