



Malcolm Baldrige  
**National  
Quality  
Award**  
2007 Award  
Recipient

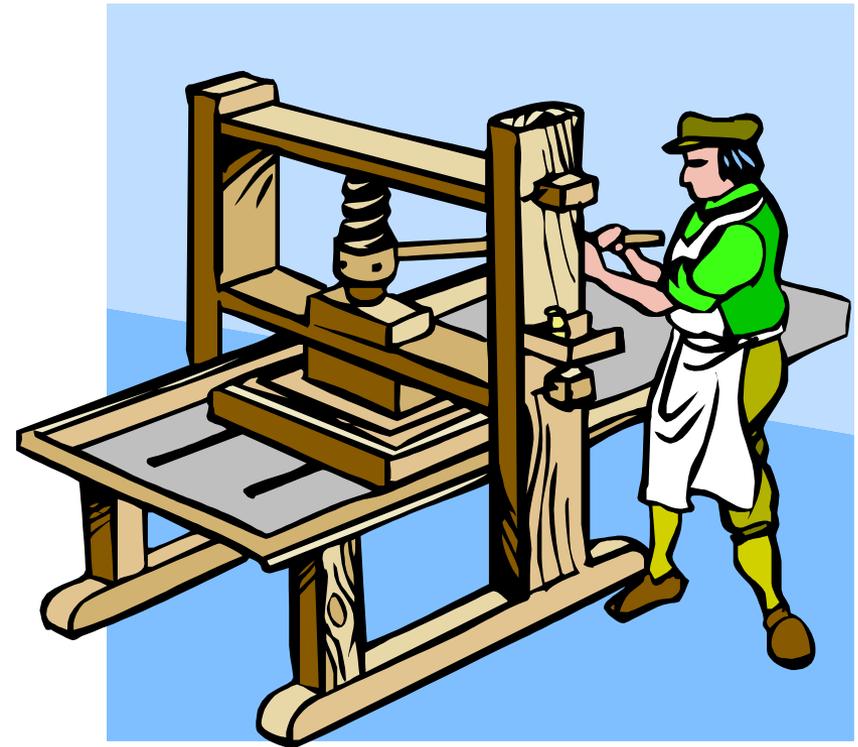


*TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.*

# **IEC Invention Briefing Template**

**22 October 2010**

- Lead with a short summary of the invention before you get into the details of the briefing.
- Use depictions to illustrate your invention if suitable.



Describe the problem your invention is intended to solve

- If the invention is more of a fundamental development ‘in search of a problem’ try to describe at least one envisioned application.

- Is the invention an improvement over existing ways of solving the problem or totally new design?
- Compare to any known comparable technology. (Prior art). Include comparisons to any recent state of the art developments, not just compared to historic or established methods.
  - Other known ways to solve problem and why were they unsatisfactory or different?
  - Other similar devices even if the use is slightly different
  - Failed attempts at solving problem
- If the invention as a whole, has not existed but is a combination or extension of pre-existing designs or technologies briefly describe those techs or designs.

- Describe how the invention, include (for example):
  - What it is
  - How to produce it
  - How it works
  - How to use it
- Include Illustrations/Pictures which clearly depict the design, process etc. and include its innovative element(s).

- Level of Reduction to Practice
  - Computer modeling?
  - Proof of principle model?
  - Prototype?
  - In production?
- Summarize Test Results
  - Proof of principle, bench test, full prototype?
  - Level of success?
- Planned testing

- Has the invention been disclosed outside the government? If so, what was disclosed and when?
  - Presentations, Seminars, Public Displays, Publications, Solicitations to contractors etc.
- Was there any NDA in place at the time?

If the work was done in cooperation with a contractor, university etc., describe

- The nature of the relationship
- Any co-inventorship
- Any controlling contract or lack thereof
- Any disclosures filed by the other party

## Important to address

- Importance to the Army or Government missions at any level.
- Potential for Commercialization/licensing.
- Foreign Patent consideration for commercialization/licensing.
- Is the invention a product or process which a contractor could potentially charge the Army or US Government if the contractor were to patent it.