

Technology Profile Fact Sheet

Title: Double Use Tamper Indicating Bag

Aliases: Round-Trip Tamper Indicating Bag; Reusable Tamper Indicating Bag

Technical Challenge: Users in the courier field have developed a need for a tamper-indicating bag that can be reused, while still maintaining its characteristic level of security.

Description: The Double Use Tamper Indicating Bag provides a user with the ability to secure an object in the bag, courier it, and, upon inspection, to view signals of possible tampering with the object. Following removal and inspection, the user can reinsert and reseal the object in the bag, and be afforded the same level of security as before.

The Double Use Tamper Indicating Bag incorporates two Seal Areas on the bag to promote its use. Also, two receipt tags are provided to authenticate the bag upon inspection. The user places the object in the Dual Use Tamper Indicating Bag and closes the upper seal. Upon arrival at a destination, the user inspects the bag for tampering, then removes the upper portion of the Dual Use Tamper Indicating Bag, permitting access to the object in the bag. For a return trip, the user re-inserts the object in the bag, seals the bag via the second seal, and then completes the round-trip courier mission. This results in less refuse from multiple bag usage, as well as reduced need to bring another set of bags with the courier.

Demonstration Capability: No.

Potential Commercial Application(s): Any industrial packaging or medical packaging where a need for securing an object while increasing the reusability of the packaging exists.

Patent Status: A patent application has been filed with the USPTO.

Reference Number: 1368