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## Patent Search

Invention Title	System and Method for Secure Actuation of Emergency Equipment in Aircrafts
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### Abstract:

ABSTRACT: Title: System and Method for Secure Actuation of Emergency Equipment in Aircrafts The present disclosure proposes a system for secure equipment in aircrafts. The system comprises an emergency kit storage unit 102, an emergency kit activation unit 110, and a controller 116. The proposed system provides a multi-step activation process for emergency aircraft to prevent misuse of emergency kits and provide the emergency kits accessible to passengers at the time of emergency. Further, an automaton utilized for automatically providing access to the emergency kits during emergency situations.

## Complete Specification

Claims:CLAIMS:

We Claim:

1. A system for secure actuation of emergency equipment in aircrafts, comprising:  
an emergency kit storage unit placed beneath each seat in the aircraft and stored with an emergency kit, and wherein the emergency kit storage unit  
a platform holds the emergency kit and configured with a release-locking mechanism that activates and unlocks the platform to be accessible  
the seat;  
an emergency kit activation unit positioned on the seat configured to prompt the passenger behind the seat to activate the emergency kit storage unit  
situations; and  
a controller configured to:  
receive an emergency signal,  
enable the emergency kit activation unit to prompt the passenger to activate the emergency kit storage unit based on the received emergency signal  
control the release-locking mechanism to unlock and lock the platform automatically for accessing the emergency kit by the passenger based on the  
emergency kit storage unit, and for retrieving the platform back to normal position; and  
whereby said system for secure actuation provides a multi-step confirmation for activating the emergency kit storage unit.
2. The system for secure actuation of emergency equipment in aircrafts as claimed in claim 1, wherein said emergency kit activation unit comprises

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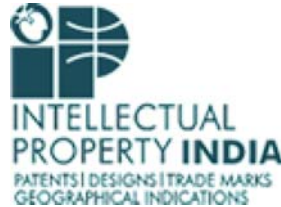


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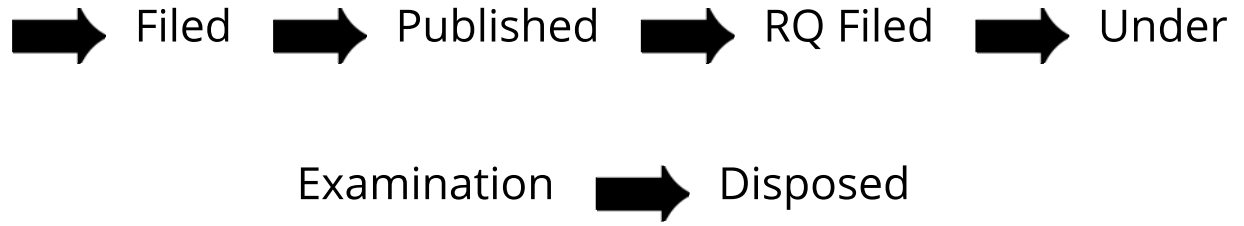


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APPLICATION STATUS	<b>Application Awaiting Examination</b>

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