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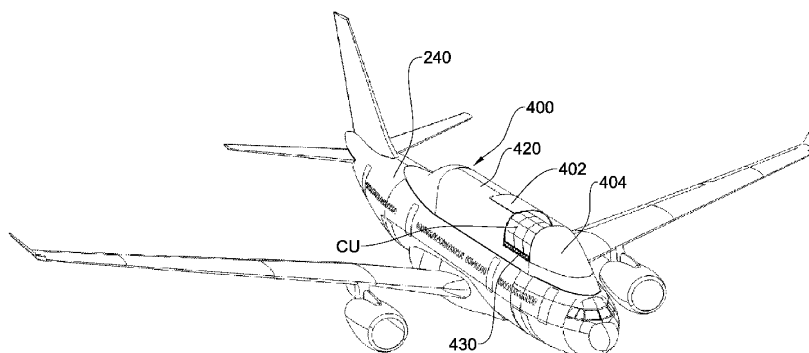


Fig. 3A

(57) **Abstract:** There are provided examples of an enhanced cargo capacity aircraft, converted from a datum aircraft. The enhanced cargo capacity aircraft includes the datum aircraft and a cargo module. The datum aircraft includes at least a fuselage having a dorsal fuselage part. The cargo module is affixed to the datum aircraft, thereby converting the datum aircraft to the enhanced cargo capacity aircraft. The datum aircraft is designed for aerodynamic flight capability absent the cargo module. The enhanced cargo capacity aircraft is capable of aerodynamic flight. The cargo module provides enhanced cargo capacity to the datum aircraft. The cargo module includes an external aerodynamic fairing defining an internal cargo volume, and is configured for being conformally affixed in overlying relationship with respect to the dorsal fuselage part. The cargo module includes a cargo handling floor and at least one access door, and a cargo handling system configured for transporting and securing at least one cargo unit within the cargo volume. The cargo unit includes a standard

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