

SIDE-BY-SIDE BELT CONVEYOR SYSTEM AND METHOD OF USE**Abstract of the Disclosure**

A conveyor system comprises a pair of side-by-side conveyors adapted to move articles such as baggage or cargo in opposite directions simultaneously, preferably at the same elevation, and linked together by an endless belt. The endless belt is directed from the exit of one conveyor to the entrance of the other conveyor and from the exit of the other conveyor to the entrance of the one conveyor via a pair of conveyor twist assemblies which maintain the baggage carrying surface in an upward orientation on both conveyors. The twist assemblies can employ vertical or horizontal rolls to attain the direction change of the endless belt. Staggered idler rolls can be arranged beneath the two conveyors for belt support and reduction of vibration caused by belt travel. The side-by-side conveyor system is particularly useful in multiple stacked arrangements in tunnels for airports.

Figure 1

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REPLACED

This Sheet Has Been Replaced

