

FASTENER DRIVING TOOL FOR TRIM APPLICATIONS

- ABSTRACT

An improved fastener driving tool is provided that is especially adapted to application of fasteners in trim applications, such as the fastening of wood trim and decorative pieces. The preferred embodiment is a combustion tool, and includes an incrementally adjustable fastener driving depth setting mechanism. The incremental control permits an operator to select from a number of discrete depth settings over a limited range. The preferred tool also includes a distance amplifying fastener lockout. The lockout amplifies a fastener follower movement permitting the blocking of movement of a linkage necessary to tool operation in response to the movement associated with an individual small fastener being dispensed. A trigger and handle of the preferred tool are proximate to the driver blade axis, and the trigger is disposed within an imaginary extension of a fuel canister held within the tool housing. A unique fastener magazine extends into the nosepiece, includes ribs for holding separate pieces of the tool housing together, and includes a solid bottom portion preventing exposure of fasteners held in the tool. An elongated joining element serves to hold the housing pieces together along the front of the tool, and provides a sight permitting an operator to properly align the tool over a workpiece. A battery holder in the tool includes separate locked operational and standby positions. The standby position prevents contact with tool circuits to electrically disable the tool.

