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**Name Of Patentee :SCUDERI GROUP LLC.**

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<b>Title of Invention</b>	"SPLIT-CYCLE ENGINE WITH DWELL PISTON MOTION"	
<b>Abstract</b>	An engine includes a crankshaft having a crank throw, the crankshaft rotating about a crankshaft axis. A compression piston is slidably received within a compression cylinder and operatively connected to the crankshaft such that the compression piston reciprocates through an intake stroke and a compression stroke of a four stroke cycle during a single rotation of the crankshaft. An expansion piston is slidably received within an expansion cylinder. A connecting rod is pivotally connected to the expansion piston. A mechanical linkage rotationally connects the crank throw to the connecting rod about a connecting rod/crank throw axis such that the expansion piston reciprocates through an expansion stroke and an exhaust stroke of the four stroke cycle during the same rotation of the crankshaft. A path is established by the mechanical linkage which the connecting rod/crank throw axis travels around the crankshaft axis. The distance between the connecting rod/crank throw axis and crankshaft axis at any point in the path defines an effective crank throw radius. The path includes a first transition region from a first effective crank throw radius to a second effective crank throw radius through which the connecting rod/crank throw axis passes during at least a portion of a combustion event in the expansion cylinder.	
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<b><u>Priority Details</u></b>		
Serial No.	Conventional Country	Priority Date
1	U.S.A.	23/07/2003
2	U.S.A.	20/07/2004
<b>Current International Class</b>	F02B 33/22	
<b>Complete Specification to follow soon.</b>		