needed to divide said at least one open region into two independent regions by removing a separating channel by said rotating cutting tool between said two independent regions and removing said two independent regions; and

defining in said at least one open region at least one separating channel extending between two points on edges of an external boundary of said at least one open region, thereby dividing said at least one open region into at least two independent regions.

~~18. An object fabricated from a workpiece machined using a computer controlled machine tool by selecting a region of said workpiece to be removed by a rotating cutting tool and by at least one of:~~

~~directing said rotating cutting tool along an asymmetric spiral tool path in said region of said workpiece, which spiral tool path maximizes a portion of said region of said workpiece which is removed by said rotating cutting tool moving along said asymmetric spiral tool path;~~

~~directing said rotating cutting tool along a tool path wherein an engagement angle between said rotating cutting tool and said workpiece gradually varies between a preselected maximum permitted engagement angle and a preselected minimum permitted engagement angle;~~

~~the combination of:~~

~~selecting a first portion of said region to be removed by an asymmetric spiral tool path; and~~

~~directing said rotating cutting tool along at least one trochoidal-like tool path in a remaining portion of said region of said workpiece;~~

~~wherein said selecting a first portion of said region is operative to minimize a machining time necessary to remove said region;~~

~~the combination of:~~

~~identifying at least one semi-open region for which a first machining time needed to remove said at least one semi-open region by employing a trochoidal-like tool path is longer than a second machining time needed to isolate said at least one semi-open region by removing separating channels between said at least one~~

~~semi-open region and all closed external boundary segments of said at least one semi-open region and removing the remainder of said at least one semi-open region; and~~

~~defining in said at least one semi-open region to be removed at least one separating channel between said at least one semi-open region and all closed external boundary segments of said at least one semi-open region, thereby defining a remaining open region to be removed;~~

~~the combination of:~~

~~considering a cross section of said object to be fabricated from said workpiece;~~

~~defining isolated regions of said cross section on a surface of said workpiece which are not to be removed as islands;~~

~~commencing configuring of a tool path in a region not having islands; and~~

~~upon said tool path encountering an island, configuring a moat tool path which defines a moat surrounding said island; and~~

~~the combination of:~~

~~identifying at least one open region for which a first machining time needed to remove said at least one open region is longer than a second machining time needed to divide said at least one open region into two independent regions by removing a separating channel by said rotating cutting tool between said two independent regions and removing said two independent regions; and~~

~~defining in said at least one open region at least one separating channel extending between two points on edges of an external boundary of said at least one open region, thereby dividing said at least one open region into at least two independent regions.~~

~~19~~18. A method for machining a workpiece employing a computer controlled machine tool, the method comprising:

selecting a region of said workpiece to be removed by a rotating cutting tool; and