

## WHAT IS CLAIMED IS:

1. A method of constructing a shingled photovoltaic string comprising the steps of:  
  
cutting a first circular PV cell along two parallel lines to yield a first segment cell, a second segment cell and a first center cell, the first and second segment cells having equal surface area;  
  
electrically connecting the first center cell to a second cell.
2. The method according to claim 1, wherein the second cell is selected from a group comprising the first segment cell and the second segment cell.
3. The method according to claims 1, further comprising the steps of:  
  
cutting a second circular PV cell along two parallel lines to yield a third segment cell, a fourth segment cell and a second center cell, the third and fourth segment cells having equal surface area;  
  
electrically connecting the first center cell to a third cell;  
  
wherein the second cell is selected from a group comprising the first segment cell, the second segment cell, the third segment cell and the fourth segment cell; and  
  
wherein the third cell is the second center cell.
4. The method according to claim 3, further comprises the step of electrically connecting the second center cell to a partially assembled PV string.
5. The method according to claim 4, wherein the partially assembled PV string further comprising a pair of center cells electrically connected by way of an interconnect.