CLAIMS:

1. A wire loop providing interconnection between a first bonding location and a second bonding location, the wire loop comprising:

a first bond portion bonded to the first bonding location;

a second bond portion bonded to the second bonding location; and

a length of wire extending between the first bond portion and the second bond portion, the length of wire including a bend, the bend being between and away from each of the first bond portion and the second bond portion, the bend including:

(1) a first bend portion of the bend in the wire loop at a predetermined portion of the wire loop,

(2) a first length of wire, and

(3) a second bend portion of the bend in the wire loop at the predetermined portion such that the first length of wire extends between the first bend portion and the second bend portion, each of the first bend portion and the second bend portion being part of the bend;

(4) a second length of wire, and

(5) a third bend portion of the bend in the wire loop at the predetermined portion such that the second length of wire extends between the second bend portion of the bend and the third bend portion of the bend.

~~2. The wire loop of claim 1 wherein the bend further includes: (4) a second length of wire, and (5) a third bend portion of the bend in the wire loop at the predetermined portion such that the second length of wire extends between the second bend portion of the bend and the third bend portion of the bend.~~

~~3~~2. The wire loop of claim 1 wherein the first length of wire is in a range of between 3-10 mils.

~~4~~3. The wire loop of claim 1 wherein the first length of wire is in a range of between 5-7 mils.

~~5~~4. A method of forming a wire loop to provide interconnection between a first bonding location and a second bonding location, the method comprising the steps of:

(1) forming a first bond at the first bonding location with a bonding tool such that a wire engaged with the bonding tool is continuous with the first bond;

(2) forming a bend in the wire after step (1), the step of forming a bend including:

(a) forming a first bend portion of the bend in the wire at a predetermined portion of the wire, the predetermined portion being between and away from each of the first bonding location and the second bonding location,

(b) paying out a length of wire after step (a), ~~and~~

(c) forming a second bend portion of the bend in the wire at the predetermined portion after step (b), each of the first bend portion and the second bend portion being part of the bend formed in step (2);

(d) paying out another length of wire after step (c), and

(e) forming a third bend portion of the bend in the wire at the predetermined portion after step (d);

(3) forming a second bond at the second bonding location such that the wire is continuous from the first bond to the second bond; and

(4) severing the wire such that a length of wire engaged in the bonding tool is separated from the wire loop formed in steps (1), (2), and (3).

~~6~~5. The method of claim ~~5~~4 further comprising the step of (5) forming another bend in the wire prior to step (3), the another bend in the wire being adjacent the first bond.

~~7. The method of claim 5 wherein step (2) further comprises the steps of (d) paying out another length of wire after step (c), and (e) forming a third bend portion of the bend in the wire at the predetermined portion after step (d).~~

~~8~~6. The method of claim ~~5~~4 wherein step (b) comprises paying out the length of wire after step (a) such that the length of wire is in a range of between 3-10 mils.

~~9~~7. The method of claim ~~5~~4 wherein step (b) comprises paying out the length of wire after step (a) such that the length of wire is in a range of between 5-7 mils.