CLAIMS

1. An apparatus for connecting a power source to a plurality of welding tools comprising:

a primary body having a main portion and an elongated member extending outwardly from a distal end of the main portion;

at least one second body extending outwardly from the main portion of the primary body; and

a unitary sheath for providing an immovable contact relation between the primary body and the at least one second body for enabling electrical connectivity between a power source and at least two welding tools~~.~~ ,

wherein the arrangement and the number of the at least one second body on the primary body is configurable and capable of being increased according to the output capacity of the power source.

2. The apparatus according to claim 1, wherein the main portion of the primary body further comprises a recess portion extending inwardly from a proximal end of the primary body.

3. The apparatus according to claim 1, wherein the at least one second body comprises a recess portion extending inwardly from a proximal end of the at least one second body.

4. The apparatus according to claim 2, wherein the at least one second body further extends in a substantially orthogonal direction from the main portion of the primary body, the at least one second body further being spaced from the recess portion of the primary body.

5. The apparatus according to claim 1, wherein the unitary sheath comprises about 30% glass filled rigid Polyamide.

6. The apparatus according to claim 1, wherein the elongated member comprises at least one pin for providing a cam lock engagement to an electrical cable adaptor.

7. The apparatus according to claims 2 or 3, wherein the recess portions comprises a slot configured in a helical arrangement for providing a cam lock engagement to an electrical cable adaptor.

8. The apparatus according to claim 5, wherein the unitary sheath further comprises a pattern grip.

9. The apparatus according to claim 1, wherein the configuration of the primary body and the at least one second body provides a parallel electrical circuitry for connecting the power source to the at least two welding tools.

10. The apparatus according to claim 1, wherein the at least two welding tools comprises at least one of a welding electrode holder and a portable electrode dryer.

11. An apparatus for connecting a power source to a plurality of welding tools comprising:

a primary body having a main portion and an elongated member extending outwardly from a distal end of the main portion;

at least one second body extending outwardly from the main portion of the primary body; and

a unitary sheath for providing an immovable contact relation between the primary body and the at least one second body for enabling electrical connectivity between a power source and at least two welding tools,

wherein the primary body and the at least one second body form a parallel electrical circuitry for connecting the power source to the at least two welding tools.~~,~~

wherein the arrangement and the number of the at least one second body on the primary body is configurable and capable of being increased according to the output capacity of the power source.

12. The apparatus according to claim 11, wherein the main portion of the primary body further comprises a recess portion extending inwardly from a proximal end of the primary body.

13. The apparatus according to claim 11, wherein the at least one second body comprises a recess portion extending inwardly from a proximal end of the at least one second body.

14. The apparatus according to claim 12, wherein the at least one second body further extends in a substantially orthogonal direction from the main portion of the primary body, the at least one second body further being spaced from the recess portion of the primary body.

15. The apparatus according to claim 11, wherein the unitary sheath comprises about 30% glass filled rigid Polyamide.

16. The apparatus according to claim 11, wherein the elongated member comprises at least one pin for providing a cam lock engagement to an electrical cable adaptor.

17. The apparatus according to claims 12 or 13, wherein the recess portions comprises a slot configured in a helical arrangement for providing a cam lock engagement to an electrical cable adaptor.

18. The apparatus according to claim 15, wherein the unitary sheath further comprises a pattern grip.

19. The apparatus according to claim 11, wherein the at least two welding tools comprises at least one of a welding electrode holder and a portable electrode dryer.

20. A method for connecting a power source to a plurality of welding tools comprising:

providing a primary body comprising a main portion;

extending an elongated member outwardly from a distal end of the main portion;

extending at least one second body outwardly from the main portion of the primary body;

providing an immovable contact relation between the primary body and the at least one second body with a unitary sheath;

enabling electrical connectivity between a power source and at least two welding tools;

and

forming a parallel electrical circuitry by the primary body and the at least one second body for connecting the power source to the at least two welding tools.

wherein the arrangement and the number of the at least one second body on the primary body is configurable and capable of being increased according to the output capacity of the power source.