

WHAT IS CLAIMED IS:

1. A method comprising:
 - (a) providing an explosive system comprising a plurality of portions, each portion comprising a quantity of explosive composition, each of said portions being of sub-critical dimensions such that initiation of the portion would result in incomplete detonation of the portion;
 - (b) storing the explosive system with each of said portions deployed relative to each other of said portions such that at least part of the explosive system is unable to sustain detonation;
 - (c) reconfiguring the explosive system by displacement of at least part of at least one of said portions to assume a detonation configuration in which complementary surfaces of said portions are brought into facing proximity so that said portions function as a combined explosive charge having effective dimensions larger than critical dimensions so as to sustain propagation of detonation to all parts of said combined explosive charge; and
 - (d) detonating said combined explosive charge.
2. The method of claim 1, wherein, during said storing, said complementary surfaces are separated by a non-propagation gap sufficient to prevent propagation of detonation between said complementary surfaces.
3. The method of claim 1, wherein, during said storing, said complementary surfaces are in non-facing relation.

4. The method of claim 1, wherein said transforming is performed by manually grouping a plurality of portions.

5. The method of claim 1, wherein said storing is performed within a casing.

6. The method of claim 1, wherein said plurality of portions are interlinked as part of a flexible or hinged explosive charge.

7. An explosive system comprising:

- (a) a plurality of portions, each portion comprising a quantity of explosive composition, each of said portions being of sub-critical dimensions such that initiation of the portion would result in incomplete detonation of the portion; and
- (b) a selectively-deployable spacer configuration associated with said plurality of portions and configured to selectively deploy between:
 - (i) a storage configuration in which said spacer configuration maintains deployment of each of said portions relative to each other of said portions such that at least part of the explosive system is unable to sustain detonation, and
 - (ii) a detonation configuration in which said spacer configuration allows displacement of at least part of at least one of said portions to bring together complementary surfaces of said portions into facing proximity so that said portions function as a combined explosive charge having effective dimensions larger than critical dimensions so as to sustain propagation of detonation to all parts of said combined explosive charge.

8. The explosive system of claim 7, wherein, in said storage configuration, said complementary surfaces are spaced apart along an axis by a non-propagation gap sufficient to prevent propagation of detonation between said complementary surfaces, and said spacer configuration comprises at least one spacer block deployed between said complementary surfaces to maintain said gap, said spacer block being displaceable so as to allow axial displacement of said portions in said detonation configuration.

9. The explosive system of claim 8, further comprising an actuating arrangement deployed to apply force to at least one of said portions so as to close said gap between said portions in said detonation configuration.

10. The explosive system of claim 7, wherein, in said storage configuration, said complementary surfaces are in non-facing relation.

11. The explosive system of claim 7, wherein said plurality of portions are deployed within a casing.

12. The explosive system of claim 7, wherein said plurality of portions are interlinked as part of a flexible or hinged explosive charge.

13. An explosive system comprising:

- (a) a plurality of portions, each portion comprising a quantity of explosive composition, each of said portions being of sub-critical dimensions such that initiation of the portion would result in incomplete detonation of the portion; and
- (b) a device associated with said plurality of portions and configured to selectively displace said plurality of portions between:

- (i) a storage configuration in which each of said portions is deployed relative to each other of said portions such that at least part of the explosive system is unable to sustain detonation, and
- (ii) a detonation configuration in which at least part of at least one of said portions is displaced to bring together complementary surfaces of said portions into facing proximity so that said portions function as a combined explosive charge having effective dimensions larger than critical dimensions so as to sustain propagation of detonation to all parts of said combined explosive charge.

14. The explosive system of claim 13, wherein, in said storage configuration, said complementary surfaces are spaced apart along an axis by a non-propagation gap sufficient to prevent propagation of detonation between said complementary surfaces, said device being configured to displace said portions axially to assume said detonation configuration.

15. The explosive system of claim 13, wherein, in said storage configuration, said complementary surfaces are in non-facing relation.

16. The explosive system of claim 13, wherein said plurality of portions are deployed within a casing.

17. The explosive system of claim 13, wherein said plurality of portions are interlinked as part of a flexible or hinged explosive charge.