

CLAIMS (PROPERLY NUMBERED)

1. An impact initiated attachment device for attachment to a target, the device comprising: a housing having a front face which abuts against the target in use, one or more fasteners, a drive mechanism for driving the fastener(s) from a first position within the housing to a second position protruding from the front face of the housing, ~~and~~ a trigger mechanism for triggering activation of the drive mechanism comprising a trigger extending from the front face of the housing, and a line attached to the housing arranged to be released from the housing on activation of the drive mechanism.
2. An attachment device as claimed in claim 1 in which the drive mechanism is arranged to detonate a cartridge containing explosive material to cause the fastener(s) to be driven to the second position.
3. An attachment device as claimed in claim 1 or claim 2 in which the drive mechanism includes a Striker within the housing which is forced in a direction towards the front face in response to pressure on the trigger from outside the housing towards the front face.
4. An attachment device as claimed in claims 2 and 3 in which the striker is arranged to strike the cartridge and thereby detonate the explosive.
5. An attachment device as claimed in any preceding claim in which each fastener is an elongate member having a laterally extending rear portion which is captured within the housing when the fastener is in the second position.
6. An attachment device according to claim 5 in which each fastener has a generally cylindrical forward portion and the laterally extending portion provides an annular shoulder to abut against a portion of the interior of the housing.

~~7.~~ An attachment device as claimed in any preceding claim comprising a line attached to the housing arranged to be released from the housing on activation of the drive mechanism.

7. 8. **An assembly comprising an attachment device** as claimed in any preceding claim, the device being an impact initiated attachment device for attachment to a target, the device comprising a housing having a front face which abuts against the target in use, one or more fasteners, a drive mechanism for driving the fastener(s) from a first position within the housing to a second position protruding from the front face of the housing, and a trigger mechanism for triggering activation of the drive mechanism comprising a trigger extending from the front face of the housing, the device having attached thereto one or more secondary devices for attachment to the target, in which the one or more secondary devices comprise one or more disruptors, the assembly comprising a collar or cowl to which the attachment device(s) and the one or more disruptors are attached.

8. 9. An assembly as claimed in claim ⁷8 comprising a handle joining the attachment device and the secondary device(s).

9. 10. An assembly as claimed in claim ⁷8 or ⁸9 comprising multiple attachment devices.

10. 11. An assembly as claimed in any of claims ⁷8 to ⁹10 including multiple attachment devices and multiple secondary devices.

~~12.~~ An assembly as claimed in any of claims 8 to 11 in which the one or more secondary devices comprise one or more disruptors.

11. 13. An assembly as claimed in claim ¹⁰~~11~~12 in which the or each disruptor has a generally cone shaped forward section which is fixed with respect to the attachment device such that the trigger of the attachment device is level with or slightly forward of the front of the cone-shaped section of the disruptor(s).

- 12 ~~14~~. An assembly as claimed in claim ~~13~~ in which the disruptor(s) and attachment device(s) are fixed in such a way as to permit rotation of the disruptors with respect to the attachment device(s).
- ~~15~~. An assembly as claimed in claim ~~12, 13 or 14~~ comprising a collar or cowl to which the attachment device(s) and the one or more disruptors are attached.
- 13 ~~16~~. An assembly as claimed in claim ~~13~~ or ~~14~~^{11 or 12} comprising multiple attachment devices and multiple disruptors arranged in parallel around the collar or cowl.
- 14 ~~17~~. An assembly as claimed in any of claims ~~8 to 9, 10, 11, 13, 14 or 16~~^{7 to 13} including one or more buoyancy aids whereby to render the overall density of the assembly higher than that of water.
- 15 ~~17~~. A disruption system comprising an assembly as claimed in any of claims ~~9 to 11~~⁸, and a detonation line for attachment to the or each disruptor.
- 16 ~~18~~. A disruption system as claimed in claim ~~17~~¹⁵ comprising a dispenser for the detonation line.
- 17 ~~19~~. A disruption system as claimed in claim ~~17~~ or ~~18~~^{15 or 16} including a floating device supporting the dispenser.
- 18 ~~20~~. A disruption system as claimed in claim ~~19~~¹⁷ in which the detonation line comprises a tube filled with explosive material.
- 19 ~~21~~. A disruption system as claimed in any of claims ~~17 to 20~~^{15 18} further comprising a detonator initiation device.
- 20 ~~22~~. A disruption system as claimed in claim ~~21~~¹⁹ in which the detonator initiation device is remotely operable.
- 21 ~~23~~. An impact initiated attachment device substantially as hereinbefore described with reference to the accompanying drawings.

- 22 ~~24~~. Any of the assemblies substantially as hereinbefore described with reference to the accompanying drawings.
- 23 ~~25~~. Any of the disruption systems substantially as hereinbefore described with reference to the accompanying drawings.