CLAIMS

1. A controlled pyrotechnic train implementing a MEMS chip portion for use as an igniter of a charge, comprising:

- an initiator;
- a blocker for blocking said train;
- a deflector of said blocker;
- an output charge, and

wherein said blocker is displaceable by the action of said deflector.

2. A controlled pyrotechnic train according to claim **1**, wherein said deflector is a piezoelectric device.

3. A controlled pyrotechnic train according to claim 1, wherein said blocker is capable of blocking a detonation train.

4. A controlled pyrotechnic train according to claim 1, wherein said deflector is a mechanical angular deflector.

5. A controlled pyrotechnic train according to claim 1, wherein said deflector is a mechanical linear deflector.

6. A controlled pyrotechnic train according to claim 1, wherein said initiator is a laser beam.

7. A controlled pyrotechnic train according to claim 6, wherein said blocker is a device used in optics.

8. A controlled pyrotechnic train according to claim 6, wherein a selector switch is interposed between a source of said laser beam and at least two charges, wherein said selector switch is capable of selecting one fiber adaptor of at least two fibers, said one fiber is associated with a respective charge.,

CLAIMS

1. A controlled pyrotechnic train—implemented in a MEMS based assembly– for use as a detonator of a secondary charge, said train comprising:
    - a controllable mechanical blocker for blocking said pyrotechnic train, and
    - a deflector of said blocker;

    wherein said blocker is at least the only mechanical component existing between said detonator and said secondary charge.

2. A controlled pyrotechnic train according to claim 1, wherein said deflector is a piezoelectric actuator.

3. A controlled pyrotechnic train according to claim 1, wherein said deflector is a mechanical angular deflector .

4. A controlled pyrotechnic train according to claim 1, wherein said deflector is a mechanical linear deflector .

5. A controlled pyrotechnic train according to claim 1, wherein said blocker can controllably block a laser beam.

6. A controlled pyrotechnic train according to claim 5, wherein a selector switch is interposed between a source of said laser beam and wherein said selector switch is capable of selecting one fiber adaptor of a specific fiber that is associated with a respective charge.