CLAIMS

1. A compactable bicycle, comprising:

a frame including a base frame portion having a rear wheel mounted thereto for engagement with a ground surface for supporting the compactable bicycle thereon and a steering structure rotatably mounted to the base frame portion and having a front wheel connected thereto for engagement with the ground surface for supporting the compactable bicycle thereon,

wherein at least one of the base frame portion and the steering structure includes a first frame element having a first frame element locking surface, a first end, and a first aperture at the first end, and a second frame element having a second frame element locking surface, a second end and a second aperture at the second end, wherein the first and second frame elements are positionable in a first position in which the first and second apertures are aligned with one another and the first and second frame element locking surfaces face away from one another, and in a second position in which the first and second apertures are unaligned with one another;

a plunger having a first plunger locking surface, a second plunger locking surface, wherein the plunger is movable to a clamping position in which the plunger extends in both the first and second apertures such that the first plunger locking surface engages the first frame element locking surface and the second plunger locking surface engages the second frame element locking surface,

and wherein the plunger is movable to a release position in which the plunger retracts from the second aperture sufficiently to permit the first and second ends to be separated from one another,

wherein the plunger includes a plunger body having a first plunger body portion and a second plunger body portion, wherein the second plunger body portion has the first plunger locking surfaces thereon, and further has at least one wedge member thereon that has the second plunger locking surface thereon,

wherein a wedge member driver is provided on the first plunger body portion and is movable between a wedge member retraction position in which the wedge member driver permits the at least one wedge member to retract relative to the second plunger

body portion and a wedge member projection position in which the wedge member driver drives the at least one wedge member to project outwards from the second plunger body portion to clamp against the second frame element locking surface.

2. A compactable bicycle as claimed in claim 1, further comprising a plunger locking member that is positionable to engage the plunger to prevent movement of the plunger away from the clamping position.

3. A compactable bicycle as claimed in claim 2, wherein the plunger has a toothed surface and wherein the plunger locking member includes a pawl that is biased towards engagement with the toothed surface.

4. A compactable bicycle as claimed in any one of claims 1-3, wherein, when the plunger is in the clamping position the first and second ends are abutted with one another.

5. A compactable bicycle as claimed in any one of claims 1-3, wherein the plunger has an intermediate plunger portion between the first and second plunger locking surfaces, and wherein, when the plunger is in the clamping position the intermediate plunger portion is in tension.

6. A compactable bicycle as claimed in any one of claims 1-3, wherein the plunger has a plunger axis and wherein the second plunger locking surface and the second frame element locking surface are both sloped in a circumferential direction.

7. A compactable bicycle as claimed in any one of claims 1-3, further comprising a plunger clamping biasing member that urges the plunger towards the clamping position.

8. A compactable bicycle as claimed in claim 7, wherein the plunger clamping biasing member is a torsion spring having a first end that is connected to the first frame element, and a second end connected to a sleeve, wherein the sleeve is rotationally connected to the plunger but permits axial movement of the plunger relative thereto.

9. A compactable bicycle as claimed in any one of claims 1-3, further comprising a plunger release biasing member that urges the plunger towards the release position.

10. A compactable bicycle as claimed in any one of claims 1-3, wherein the first and second plunger body portions are connected together via a threaded connection, wherein tightening of the threaded connection clamps the first and second plunger body portions onto the first and second frame element locking surfaces when the plunger is in an engagement position.