Claims

1. A docking station comprising:

a first frame arranged to receive a first head block assembly; and

a second frame moveably coupled to the first frame by an engagement assembly,

wherein the engagement assembly is arranged to selectively move the second frame from a retracted position to an extended position so as to allow the second frame to receive a second head block assembly engageable by the docking station, such that in the extended position, the docking station is arranged to accommodate the first and second head block assemblies side by side.

2. The docking station according to claim 1, wherein, in the retracted position, the second frame is positioned above the first frame.

3. The docking station according to claim 1 or claim 2, wherein the engagement assembly further comprises a pivoting mechanism arranged to allow rotation of the second frame relative to the first frame about at least one principal axis.

4. The docking station according to any one of claims 1 to 3, wherein the second frame further comprises at least one rigger leg pivotally coupled to the second

frame, the rigger leg is arranged to contact the ground and support the second frame when the second frame is in the extended position.

5. The docking station according to claim 4, wherein the rigger leg is arranged to retract into the second frame when the second frame is in the retracted position.

6. The docking station according to any one of the preceding claims, wherein the first frame is mounted on a vehicle.

7. The docking station according to any one of the preceding claims, wherein the first frame further comprises a plurality of corner flare guides arranged to engage a first head block assembly engageable by the docking station.

8. The docking station according to claim 1 or claim 2, wherein the engagement assembly further comprises a plurality of pairs of parallel beams arranged to allow rotation of the second frame relative to the first frame.

9. The docking station according to claim 1, wherein the engagement assembly further comprises a hinge mechanism arranged to allow rotation of both the first frame and the second frame about at least one principal axis.

10. The docking station according to claim 9, wherein the first and second frames rotate in opposite directions from each other.

11. The docking station according to claim 1 or claim 2, wherein the engagement assembly further comprises a plurality of linkages coupled to at least one linear actuator, the linear actuator arranged to selectively move the second frame horizontally, and then vertically, from the retracted position to the extended position.