assembly and construction of the support frame parts 500, 502 are, in this example, similar to the construction and assembly of the support structure bracket 300 described above with reference to Figure 3 but, of course, other arrangements are also possible. In this example, the elongate members of platform part A 500 extending away from aperture 108 have second ends 512 for receiving the first ends 514 of the elongate members of the platform part B 502. That is, the internal bore dimensions of the elongate members of the platform part A 500 are greater than the external bore dimensions of the elongate members of the platform part B 502 so that the elongate members of the platform part B 502 may be received within the elongate members 500. But of course, other arrangements are possible for the construction of the platform frame 500, 502, including other sliding arrangements.

The elongate members of the platform part B 502 have second ends 516 and tension hanger brackets 518 may be mounted at or near these ends 516.

As also with the support structure bracket 300, the platform frame parts A and B may be provided with pin or bolt holes 520, 522 which are aligned and pins or bolts inserted therethrough to retain the parts A and B fixed relative to one another.

Platform 204 is provided with platform deck portions 524 resting on and/or fixed to either or both of the platform frame parts A and B. These platform deck portions 524 form the platform surface area upon which workers may work and/or loads may be disposed.

As noted above, tension hanger brackets 506 are provided on the platform restraint members (pinion sliders) 504. Also, tension hanger brackets 518 are provided on the platform support frame part B. Tension rods 526 having first and second ends are fitted to platform 204, with the ends of the tension rods 526 being fitted respectively to the brackets 506 and 518. Thus, with the tension rods 526, the platform 204 may be a cantilever platform. Thus, the cantilever action also assists to restrain the

CLAIMS

1. A construction platform apparatus for installation in a building structure, the construction platform apparatus comprising:

a support structure comprising:

a restraint member for locating against a first internal portion of the building structure thereby to restrain the construction platform apparatus against rotation about a fulcrum; and

a support structure bracket for disposal on a second internal portion of the building structure;

a transport structure for disposal on an external portion of the building structure, the transport structure being arranged for fixing to the support structure bracket through a building structure aperture;

a platform having an actuator operable to transport the platform along the transport structure; and

a platform restraint member arranged to interact with the transport structure to restrain the platform against rotation about a second fulcrum and wherein the platform restraint member comprises a first surface portion for contacting with a first surface portion of the transport structure, the first surface portion of the transport structure being arranged for disposal facing in a direction generally towards the building structure, the first surface portion of the platform restraint member being complementary to the first surface portion of the transport system.

2. The construction platform apparatus of claim 1, wherein the transport structure comprises a second surface portion disposed facing in a direction generally away from the first surface portion of the transport structure, the second surface portion of the transport structure comprising a rack for engagement with a pinion on

the platform, the actuator of the platform being operable to drive the pinion thereby to transport the platform along the transport structure.

3. The construction platform apparatus of claim 1 or claim 2, wherein the support structure bracket comprises a first receiving member for receiving a sliding frame member, the sliding frame member being for sliding through the first receiving member and extending beyond an end of the support structure bracket arranged for disposal towards the building structure aperture for the transport structure to be fixed to the sliding frame member.

4. The construction platform apparatus of any preceding claim further comprising a platform retainer bracket for retaining the platform stationary relative to the support structure.

5. The construction platform apparatus of any preceding claim further comprising a tension restraint member, the tension restraint member being arranged for fixing at a first end to the support structure and for fixing at a second end to the transport structure.

6. A method of installing a construction platform apparatus in a building structure, the construction platform apparatus comprising:

a support structure;

a restraint member;

a support structure bracket;

a transport structure;

a platform comprising an actuator; and

a platform restraint member;

the method comprising:

positioning the support structure at least partially internal to the building structure;

locating the restraint member against a first internal portion of the building structure to restrain the construction platform apparatus against rotation about a fulcrum;

disposing the support structure bracket on a second internal portion of the building structure;

disposing the transport structure on an external portion of the building structure and fixing the transport structure to the support structure bracket through a building structure aperture;

disposing the platform restraint member to interact with the transport structure to restrain the platform against rotation about a second fulcrum, with a first surface portion of the platform restraint member contacting with a first surface portion of the transport structure, the first surface portion of the platform restraint member being complementary to the first surface portion of the transport system, and arranging the first surface portion of the transport structure facing in a direction generally towards the building structure; and

arranging the platform for the platform to be transported along the transport structure by the actuator.