CLAIMS

What is claimed is:

1. A scaffladder suitable for being employed in scaffold assembly, said scaffladder comprising:

two longitudinal beams in a parallel configuration;

a plurality of rungs disposed at regular intervals between the two longitudinal beams;

an adjustable platform being configured to have an upper surface, a bottom surface, a proximity side being close to the two longitudinal beams, and a distal side being the furthest away from the two longitudinal beams when the adjustable platform is extended during operation, where the adjustable platform is pivotally or releasably disposed at middle section of the two longitudinal beams via a location at or near the proximity side of the adjustable platform, thereby the adjustable platform provides a temporary working bay for a scaffolder when the adjustable platform is extended during operation;

a support module supporting the adjustable platform during operation, where the support module comprises at least two pairs of legs, each end of the adjustable platform being disposed with one pair of the at least two pairs of legs, where each of the at least two pairs of legs has a first end and a second end, the first end being pivotally or releasably disposed at the bottom surface at a location near the distal side of the adjustable platform, and the second end being equipped with one middle secure means so that the middle secure means releasably secures the adjustable platform onto one of the plurality of rungs or a middle ledger of the scaffold assembly, and a foldable locking beam connecting two legs so that when the adjustable platform is in operation, the foldable locking beam is locked in for secure support; and

a top secure means disposed at the top section of the longitudinal beams for securing the scaffladder onto a top ledger of the scaffold assembly.

2. The scaffladder of claim 1, wherein the plurality of rungs are disposed only in bottom half of the two longitudinal beams.

3. The scaffladder of claim 1, wherein the top secure means is a hook.

4. The scaffladder of claim 1, wherein the middle secure means ~~are~~ is a hook.

5. The scaffladder of claim 1, wherein angle between the longitudinal beams and ~~vertical plane of the middle and top ledgers~~the adjustable platform is 74-75 degrees.

6. A process of assembling a scaffold, comprising:

providing a first ~~assembled~~ lift with a first set of standards, a first set of bottom ledgers, middle ledgers, top ledgers, and a first deck, where the standards are equipped with connecting means, the ledgers are connected with the standards in tandem, and the ~~ground~~ first deck is formed by disposing planks on the bottom ledgers;

providing one or two scaffladders of claims 1-5 before a deck is being formed on the top ledgers of the first lift, wherein the one or two scaffladders are being secured onto the first deck, one of the first set of middle ledgers, and one of the first set of top ledgers so as to be in operation position;

disposing a second set of standards on top of the first set of standards by scaffolders standing on the platform of the scaffladders;

installing a second set of middle ledgers of second lift on the second set of standards by scaffolders standing on the platform of the scaffladders;

removing the scaffladders when all of the second set of the middle ledgers are installed; and

installing a second deck onto the first set of top ledgers from below the second deck, wherein an access is created so that the second deck is accessible by a monkey ladder.

7. The process of claim 6, further comprising:

installing a second set of top ledgers from the second deck;

providing one or more scaffladders of claims 1-3, wherein the scaffladders are positioned on the second deck to install a third set of middle ledgers by scaffolders standing on the platform of the scaffladders;

removing the scaffladders when all of the third set of middle ledgers are installed; and

installing a third deck on the second set of top ledgers.