



INNOVATIVE PRECAST BUILDERS

“Everyone can Build”

The New Innovative Patented Wall System

Patent No.: MY-128946-A

Patent No.: PI2012223300

PCT Application No.: PCT/IB2011/052080



IPB COMPOSITE WALL SYSTEM

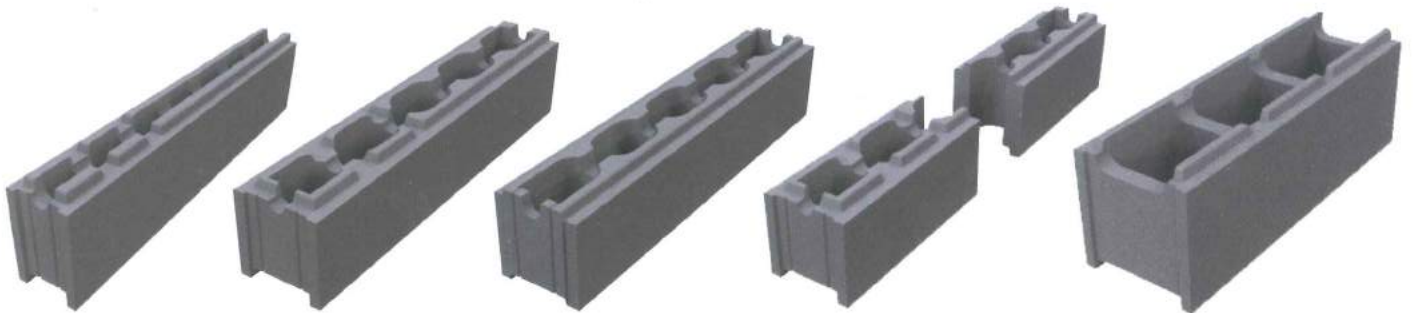
Innovative Precast Builders patented Interlocking Precast Blocks revolutionizes the building construction by using just a single design of precast block to construct a complete structure including the straight walls, 'L' joints, 'T' joints and Cross joint.

These patented Interlocking Precast Blocks challenge the conventional methods of construction by building a wall without the need for columns, reducing construction time and wastage.

The Interlocking, self aligning Precast Blocks can be used in various projects ranging from fencing and retaining walls to the construction of Single Storey, Double Storey or even higher structures.

The Interlocking Precast Blocks building system are designed to conceal both electrical conduits and water piping and offer superior insulation properties which leads towards a greener future by reducing the cost of climate control.

Careful and simplified detailing are incorporated in the design and the building system effectively interfaces with other components and trade of works, e.g. door/window frame, roof, flooring and M&E installation.



F/F-700(LTX)
(700X150X100mm)

F/F-750(EX)
(750X150X150mm)

F/F-750(STD)
(750X150X150mm)

F/F-375(EX)
(375X150X150mm)

F/F-600
(600X200X200mm)



S/F-750(STD)
(750X150X150mm)

S/F-450(T165)
(450X150X165mm)

F/F-450(ECT165)
(465X150X150mm)

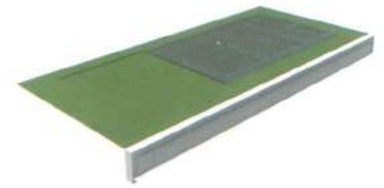
S/F-450(RL)
(465X150X165mm)

S/F-450(LL)
(465X150X165mm)

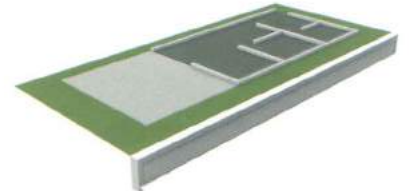


ADVANTAGES OF IPB COMPOSITE WALL SYSTEM

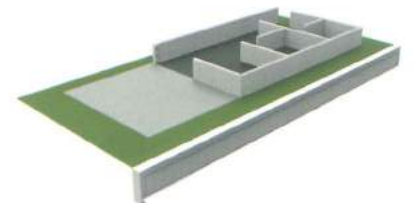
1. Reusable
2. Time Saving
3. No Lintel
4. No formwork
5. No Plastering
6. No cement mortar
7. No In-situ Column
8. No In-situ Tie Beam
9. No In-situ Ground Beam
10. Better Sound Proofing
11. Better Thermal Insulation
12. DIY Applicable
13. Minimum Wastage
14. Reduce Labor Cost
15. Flexible Application
16. Concealed Water Pipe
17. Concealed Wiring Conduit
18. Cleaner Site Environment
19. Simple Straight Footing Foundation
20. Reduced Heavy Machinery Dependence
21. Integrated with conventional construction methods



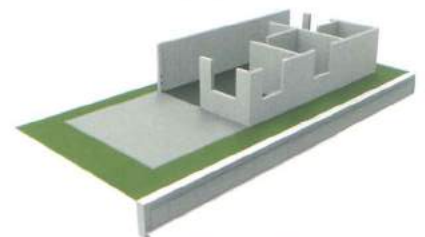
Prepare Foundation



Set Wall line and Install 1st Layer



Install 2nd Layer, Level, and Infill concrete



Stack up layers to design



Infill perimeter capping beam



Install Roof Truss, Door and Window



Install Roof Tiles



Cafe



Office



Dormitory



Worker's Quarter



Farm House



Guard House



Semi - D



Terrace



Bungalow - Single Story



Bungalow - Double Story



Fencing



Rennovention



Sign Post



Drainage



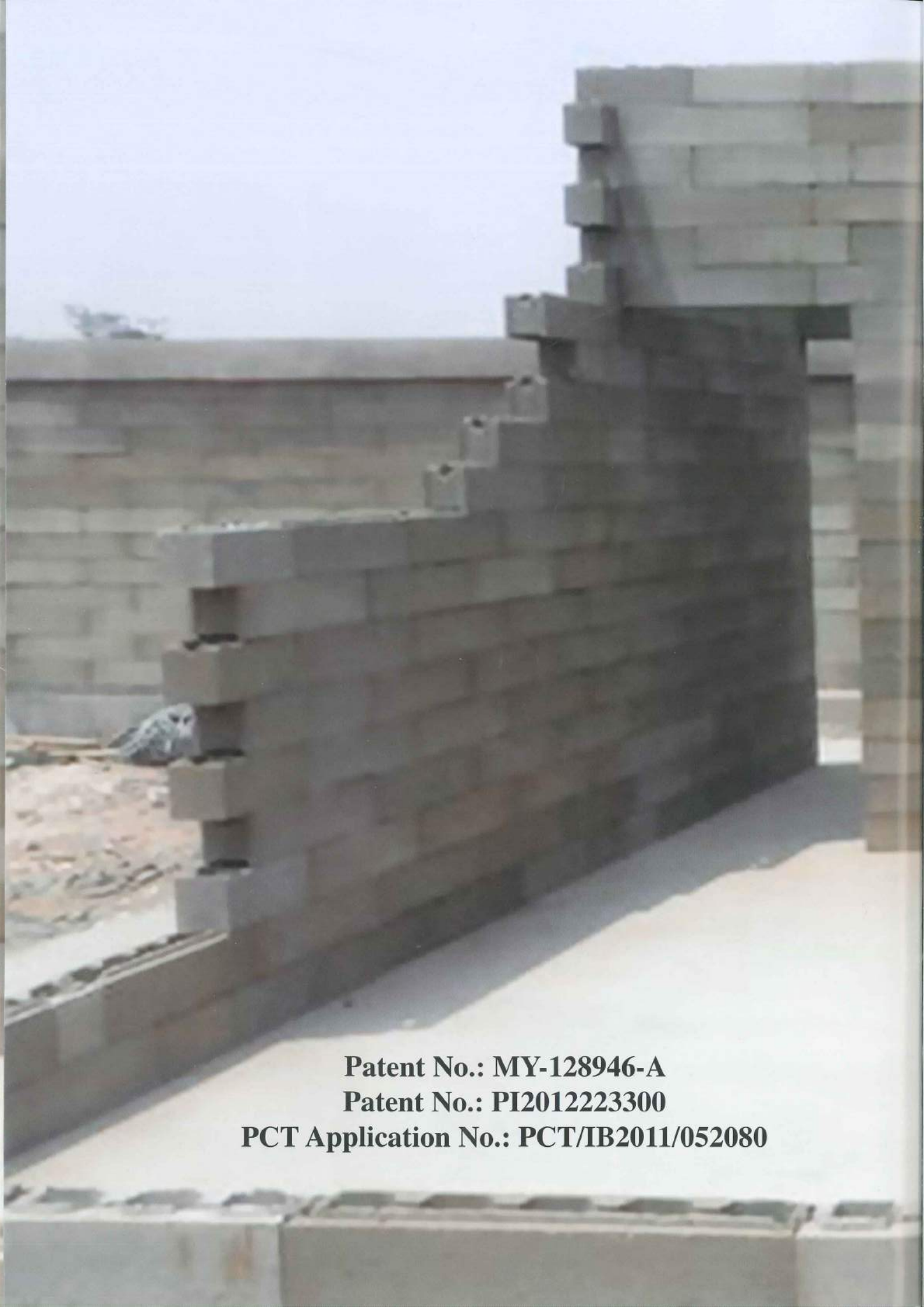
**Retaining Wall
- Planter Box**



**Retaining Wall
- Foundation Box**



Material Bunker



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