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(71)**Name of Applicant :**

1)SRI VENKATESHWARA COLLEGE OF ENGINEERING

Address of Applicant :Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157. Karnataka India

(72)**Name of Inventor :**

1)LATHA M S

2)RAJAKUMARA H N

3)Dipendra Bahadur Rawal

4)Rushin Kumar Sagolsem Meitei

5)Sujan Singh Biswakarma

6)Surendra Yadav

(57) Abstract :

A METHOD FOR MANUFACTURING BAMBOO BRICKS ABSTRACT The present disclosure provides for a method for manufacturing bamboo bricks. The bamboo stalks are cut into several pieces of predetermined dimension. The pieces of bamboo stalks are coated with bitumen and the coated pieces of bamboo stalks are smeared with sand and left to dry for 24 hours, thereby obtaining bamboo bricks. In the present method, minimum energy is required for the production of eco-friendly and cost effective bamboo bricks. FIG. 1

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Patent Search

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Inventor

Name	Address	Country	Nationa
LATHA M S	Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157.	India	India
RAJAKUMARA H N	Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157.	India	India
Dipendra Bahadur Rawal	Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157.	India	India
Rushin Kumar Sagolsem Meitei	Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157.	India	India
Sujan Singh Biswakarma	Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157.	India	India
Surendra Yadav	Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157.	India	India

Applicant

Name	Address	Country	Natio
SRI VENKATESHWARA COLLEGE OF ENGINEERING	Vidya Nagar, Bettahalasur Post, Bengalore, Karnataka, India, Pin Code-562 157.	India	India

Abstract:

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Complete Specification

A METHOD FOR MANUFACTURING BAMBOO BRICKS

FIELD OF THE INVENTION

[0001] Embodiments of the present disclosure relate to construction elements, and more particularly, to a method for manufacturing bamboo bricks.

BACKGROUND

[0002] Conventionally, architectural structure has been constructed using cement as one of its main elements. The cement has several innate properties and forms a durable material for construction. The cement is manufactured from limestone and c which includes energy in the form of water, heat, natural process, etc. Thereby releasing high volume of carbon dioxide in to the environment. Cement is further mixed v sand, wherein sand being a natural resource, most of it has been used and nearing extinction.

[0003] Similarly, burnt brick could be found in a frame structure or load bearing masonry structures as infill materials. The production of burnt bricks includes soil as material which is burnt at 1500 degrees Celsius and other depleting natural resourc are used, wherein during the manufacturing of the burnt bricks, a high volume of carbon dioxide is released due to burning of fossil fuels into the atmosphere.

[0004] Therefore, in order to overcome the aforementioned issues, an eco-friendly material is required as an infill material or load bearing masonry construction.

SUMMARY OF THE INVENTION

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E-MAIL (As Per Record)	dinkar@ipexcel.com
ADDITIONAL-EMAIL (As Per Record)	dinkar@ipexcel.com
E-MAIL (UPDATED Online)	filings@ipflair.com
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