



(12) **United States Patent**
Sarao et al.

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(54) **METHOD AND SYSTEM FOR GENERATING BUILDING PLANS USING SLICES**

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(51) **Int. Cl.**
G06F 17/50 (2006.01)

(57) **ABSTRACT**

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CPC **G06F 17/5004** (2013.01); **G06F 2217/74** (2013.01)

A non-transitory computer-readable storage medium is disclosed. In an embodiment, the non-transitory computer-readable storage medium includes instructions that, when executed by a computer, cause the computer to perform steps involving receiving parameters, selecting pre-configured slices from a library of slices that satisfy the parameters, and placing the selected slices to generate a configuration variant in accordance with slice placement logic.

(58) **Field of Classification Search**
USPC 703/2, 5; 705/29; 52/41.4; 348/169
See application file for complete search history.

19 Claims, 17 Drawing Sheets

