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**QIAN et al.**(10) **Pub. No.: US 2024/0237223 A1**(43) **Pub. Date: Jul. 11, 2024**(54) **METHOD AND SYSTEM FOR GENERATING  
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**ABSTRACT**

A method and system for generating jet printing data, an electronic device, and a storage medium are provided. The method includes: step 1: obtaining a pad pattern, wherein the pad pattern comprises several highlighted regions; step 2: determining an image scanning angle of each of the highlighted regions in the pad pattern; step 3: scanning and filling each of the highlighted regions based on the corresponding image scanning angle, to obtain a jet printing path; and step 4: generating jet printing data based on the jet printing path. In the method for generating jet printing data of the present disclosure, only a bare PCB or a Gerber file is needed so that the jet printing data can be rapidly and accurately generated and provided to the jet printing system, thereby maximizing the speed for generating jet printing programs, increasing program quality, and operating efficiency.

Obtain a pad pattern, wherein the pad pattern comprises a plurality  
of highlighted region images

Determine an image scanning angle of each of the highlighted  
region images in the pad pattern

Scan and fill each of the highlighted region images based on the  
corresponding image scanning angle, to obtain a jet printing path

Generate jet printing data based on the jet printing path