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(71) Applicant: **COUPANG CORP.** [KR/KR]; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR).

(72) Inventor: **DING, Meizhen**; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR).

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(57) Abstract: Methods and systems for generating demand forecasting data of a computerized system include receiving, from a user device, a request for generating demand forecasting data. The system retrieves data from a database, wherein the data represent sales history associated with an item during a predefined time period. After the retrieval, the system modifies the retrieved data by removing outliers and generates demand forecasting data associated with the item by performing a Wavelet transform on the modified data based on a wavelet base.

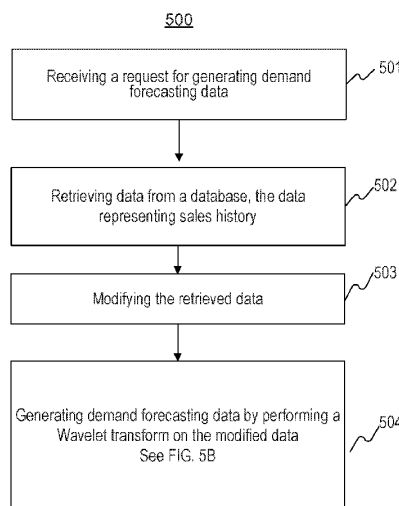


FIG. 5A

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