Abstract

Embodiments of the disclosed technology provide anti-theft shelving units particularly designed to deter/detect sweeping theft. For example, an anti-theft shelving unit of the disclosed technology may comprise a combination of the following anti-sweeping theft design features: (1) flip-stopper(s) swingably-mounted to shelves of the anti-theft shelving unit; (2) flip-door(s) swingably-mounted to the anti-theft shelving unit; (3) processing circuitry that, in response to an anti-theft-related signal, locks the flip-stopper(s) and flip-door(s) in fixed positions that restrict access to items on the shelves; and (4) shelf-mounted sensors and processing circuitry that determine occurrence of sweeping theft in response to detecting removal of over a threshold number of items from a shelf in a pre-determined time interval.

Fig. 3