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(12) **United States Patent**
Hong

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(54) **SUPPORT RACK LOCKING APPARATUS**

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See application file for complete search history.

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(56) **References Cited**

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(57) **ABSTRACT**

(30) **Foreign Application Priority Data**

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There is provided a support rack locking apparatus, comprising: a support rack attachably or detachably installed at mounting rails provided at both sides in a cavity of a machine body; a shelf rack installed at the support rack to be movable in a forward or backward direction; fixed rail members fixedly installed at both sides of the support rack; movable rail members fixedly installed at both sides of the shelf rack and connected to the fixed rail members, to be forwardly or backwardly movable; a supporting member fixedly installed at the outside of each of the fixed rail members; a locking member pivotally connected with the supporting member by using a hinge connecting pin; and an operating member fixedly installed at each of the movable rail members, to operate the locking member.

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(52) **U.S. Cl.**
CPC **A47B 57/585** (2013.01); **A47B 96/067**
(2013.01); **A47L 15/507** (2013.01); **F24C**
15/168 (2013.01)

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