Claims

1. A conveyor apparatus for conveying articles, comprising:

a plurality of traveling units that travel in series along a conveying path for the articles,

a plurality of article supports that have article support surfaces for supporting the articles and that are caused to travel on the conveying path by the respective traveling units,

infilling members provided for the respective article supports, each infilling member filling a clearance between the article supports longitudinally adjacent to each other in the conveying path,

the article support including a support contact part on a rear end of the article support along the conveying path,

each infilling member including an infilling contact part on a front end of the infilling member along the conveying path, the infilling contact part being in contact with the support contact part,

the infilling contact part having a larger curvature than the support contact part,

an urging member that urges the infilling contact part of the infilling member to the support contact part of the article support,

wherein the infilling contact part is made of a flexible material, and

the infilling contact part is urged to the support contact part by the urging member so as to come into contact with the support contact part while being bent along a shape of the support contact part.

2. The conveyor apparatus according to claim 1, wherein each infilling member is formed such that the curvature

of the infilling contact part of the infilling member increases toward one end of the infilling member.

3. A conveyor apparatus for conveying articles, comprising:

a plurality of traveling units that travel in series along a conveying path for the articles,

a plurality of article supports that have article support surfaces for supporting the articles and that are caused to travel on the conveying path by the respective traveling units,

infilling members provided for the respective article supports, each infilling member filling a clearance between the article supports longitudinally adjacent to each other in the conveying path,

the article support including a support contact part on a rear end of the article support along the conveying path,

each infilling member including an infilling contact part on a front end of the infilling member along the conveying path, the infilling contact part being in contact with the support contact part, and

the infilling contact part having a larger curvature than the support contact part,

wherein the infilling contact part of each infilling member is made of an elastic material, and the infilling contact part is in contact with the support contact part while being bent along the shape of the support contact part of the article support by elasticity of the infilling contact part.

4. The conveyor apparatus according to claim 3, wherein each infilling member is formed such that the curvature of the infilling contact part of the infilling member increases toward one end of the infilling member.