What is claimed is:

1. A transportation path diverter that diverts a transportation path such that an article conveyed by an upstream-side conveyor provided on an upstream side of the transportation path is conveyed to a downstream-side upper conveyor disposed above the upstream-side conveyor on a downstream side of the transportation path and a downstream-side lower conveyor disposed below the downstream-side upper conveyor on the downstream side of the transportation path,

the transportation path diverter comprising:

an upstream-side lower diverting conveyor that is disposed downstream of the upstream-side conveyor and has a downstream side swinging around the upstream-side conveyor;

a downstream-side upper diverting conveyor that is disposed above the upstream-side conveyor and the upstream-side lower diverting conveyor and upstream of the downstream-side upper conveyor and has an upstream side swinging around the downstream-side upper conveyor;

a downstream-side lower diverting conveyor that is disposed below the downstream-side upper diverting conveyor and upstream of the downstream-side lower conveyor and has an upstream side swinging around the downstream-side lower conveyor;

a height detector that detects a conveyed article having at least a predetermined height; and

a conveyed article detector that detects an article transferred from the upstream-side lower diverting conveyor to the downstream-side lower diverting conveyor,

wherein ~~the upstream-side lower diverting conveyor, the downstream-side upper diverting conveyor, and the downstream-side lower diverting conveyor are swung by different swinging devices, and~~

a swing of the downstream-side upper diverting conveyor ~~by the swinging device~~ is controlled based on the detection of the conveyed article by the height detector and the conveyed article detector.

2. The transportation path diverter according to claim 1, wherein the upstream-side lower diverting conveyor is swung by a second swinging device,

wherein the downstream-side upper diverting conveyor is swung by a first swinging device,

wherein the downstream-side lower diverting conveyor is swung by a third swinging device, and

wherein, if the height detector detects a conveyed article, the first swinging device is allowed to swing the downstream-side upper diverting conveyor only after the conveyed article detector detects the conveyed article and then the downstream-side lower diverting conveyor is driven by a predetermined amount of driving~~the conveyed article detector detects the conveyed article and then the downstream-side lower diverting conveyor is driven by a predetermined amount of driving, allowing the swinging device for swinging the downstream-side upper diverting conveyor to start swinging the downstream-side upper diverting conveyor~~.

3. The transportation path diverter according to claim 1, wherein the upstream-side lower diverting conveyor is swung by a second swinging device,

wherein the downstream-side upper diverting conveyor is swung by a first swinging device,

wherein the downstream-side lower diverting conveyor is swung by a third swinging device, and

wherein, if the height detector detects a conveyed article, the conveyed article detector detects the conveyed article and then the first swinging device

starts swinging the downstream-side upper diverting conveyor after a predetermined time.

4. The transportation path diverter according to ~~any one of~~ claim~~s~~ 1~~ to 3~~, wherein the upstream-side lower diverting conveyor is swung by a second swinging device,

wherein the downstream-side upper diverting conveyor is swung by a first swinging device,

wherein the downstream-side lower diverting conveyor is swung by a third swinging device, and

wherein, if the height detector does not detect a conveyed article, the first swinging device starts swinging the downstream-side upper diverting conveyor in response to the detection of the conveyed article by the conveyed article detector.