~~[~~Claims~~]~~

~~[Claim 1]~~

1. A food freezing system for freezing food, the food freezing system comprising:

a plurality of freezing units for freezing the food; and

a transporting unit for transporting the food to the plurality of~~two or more~~ freezing units;

wherein the plurality of freezing units comprise a plurality of air blowing vents for blowing cold air toward the transporting unit along a direction of transport of the transporting unit,

wherein the plurality of air blowing vents are provided at least at a lower portion or an upper portion of the transporting unit, and are tilted with respect to a direction that is orthogonal to the direction of transport of the transporting unit, and

wherein orientations of tilts of the plurality of air blowing vents are configured to alternate along the direction of transport of the transporting unit, wherein the freezing units are configured to cool the food with cold air of ~~about~~ -60°C ~~to about~~ -90°C.

~~[Claim 2]~~

~~The freezing system according to claim 1, wherein the freezing units are configured to blow cold air of about -60°C to -89°C.~~

~~[Claim 3]~~

~~The freezing system according to claim 1 or 2, further comprising a precooling unit for cooling food prior to freezing the food,~~

~~wherein the transporting unit transports the food to the precooling unit and then to the freezing units in order.~~

~~[Claim 4]~~

~~The freezing system according to claim 3, wherein the precooling unit comprises at least a first precooling unit and a second precooling unit in order of transport of the food, wherein the first precooling unit and the second precooling unit are configured to be cooled with cold air of different temperatures.~~

~~[Claim 5]~~

~~The freezing system according to claim 3, wherein the precooling unit comprises at least a first precooling unit, a second precooling unit, and a third precooling unit in order of transport of the food, wherein the first precooling unit and the second precooling unit are configured to be cooled with cold air of different temperatures, and the second precooling unit and the third precooling unit are configured to be cooled with cold air of different temperatures.~~

~~[Claim 6]~~

~~The freezing system according to claim 5, wherein the third precooling unit is configured to be cooled with cold air of about -25°C to about -45°C.~~

~~[Claim 7]~~

~~The freezing system according to any one of claims 4 to 6, wherein the first precooling unit is configured to be cooled with cold air of about -25°C to about -45°C.~~

~~[Claim 8]~~

~~The freezing system according to any one of claims 4 to 7, wherein the second precooling unit is configured to be cooled with cold air of about -60°C to about -90°C.~~

~~[Claim 9]~~

~~The freezing system according to claim 5, wherein cold air in the second precooling unit has a lower temperature than cold air in the first precooling unit and the third precooling unit.~~

~~[Claim 10]~~

~~The food freezing system according to any one of claims~~

~~4 to 9, wherein the food freezing system further comprises at least one air curtain generating mechanism for generating an air curtain between adjacent precooling units.~~ ~~[Claim 11]~~

2. The food freezing system according to ~~any one of~~ claim~~s~~ 1 ~~to 10~~, wherein ~~the freezing units comprise a plurality of air blowing vents for blowing cold air toward the transporting unit along a direction of transport of the transporting unit, and an~~ the orientation of the air blowing vents is configured to be an orientation against the direction of transport of the transporting unit. ~~[Claim 12]~~

3. The food freezing system according to claim 1~~1~~ or claim 2, wherein the orientation of the air blowing vents is against the direction of transport of the transporting unit and is tilted at an angle of ~~about~~ 30° to ~~about~~ 60°. ~~[Claim 13]~~

4. The food freezing system according to any one of claim~~s~~ 1~~1~~ to~~r~~ 3~~12~~, wherein the air blowing vents are provided at a lower portion of the transporting unit. ~~[Claim 14]~~

5. The food freezing system according to any one of ~~to~~ claim~~s~~ 1 to 4~~3~~, wherein the air blowing vents are provided at both an upper portion and a lower portion of the transporting unit. ~~[Claim 15]~~

6. The food freezing system according to claim 5~~14~~, wherein

the air blowing vent~~s~~ at the upper portion ~~is~~ are provided so as to be tilted in a first direction that

intersects ~~with respect to~~ a direction that is orthogonal to the direction of transport of the transporting unit, and

the air blowing vents at the lower portion ~~is~~ are provided so as to be tilted in a second direction that intersects the first direction~~intersect a tilt of the air blowing vent at the upper portion~~.

~~[Claim 16]~~

~~The food freezing system according to claim 15, wherein orientations of tilts of the air blowing vents are configured to alternate along the direction of transport of the transporting unit.~~

~~[Claim 17]~~

7. The food freezing system according to any one of claims 1 to ~~1~~6, wherein the transporting unit is configured to transport the food so that the food passes through the freezing units within ~~about~~ 6 minutes from entering the food freezing system.

~~[Claim 18]~~

8. A food processing system, comprising:

(1] a heating unit comprising a heating mechanism for indirectly heating food; and

(2] the food freezing system according to any one of claims 1 to 7~~6~~;

wherein the transporting unit transports the food through the heating unit and the food freezing system.

~~[Claim 19]~~

9. The food processing system according to claim ~~1~~8, wherein the heating mechanism is present only below the transporting unit and is configured to release a heat mediating substance downward, and the heating unit comprises an air blowing mechanism configured to blow air in a direction that is not toward the transporting unit.

~~[Claim 20]~~

10. The food processing system according to claim ~~1~~9, wherein the heating unit comprises a temperature sensor in the vicinity of the transporting unit, and the heating mechanism is intermittently driven by the temperature sensor.

~~[Claim 21]~~

11. A method of producing frozen food, comprising a processing step for freezing food using the food freezing system according to any one of claims 1 to ~~1~~7 or the food processing system according to any one of claims ~~1~~8 to 1~~2~~0.

~~[Claim 22]~~

~~The method of producing according to claim 21, wherein the food is cut vegetables.~~

12. The method of producing frozen food according to claim 11, wherein the food is vegetables, meat, fish, or shellfish.