

ABSTRACT

The present invention is a rapid cooling shaved ice manufacturing device that includes: a casing that has left and right protruding support portions; an ice layer forming rotary drum that is provided in a horizontal state in an attachment space portion between the protruding support portions with left and right bearing members therebetween, and rotates as a result of driving force from a driving motor; an open-upper-end water storage tray that is arranged in a horizontal state below the ice layer forming rotary drum and temporarily receives "water for shaved ice" from a water supplying portion that is provided in the casing, through a water introduction path; a shaving blade that is supported in a horizontal state by the left and right protruding support portions such as to substantially be in contact with the ice layer forming rotary drum, and shaves off a film-like ice layer that is formed on an outer circumferential surface of the ice layer forming rotary drum; and a guidance plate that is provided in a fixed state in the left and right protruding support portions such as to be capable of guiding "snow-like shaved ice" that is shaved off by the shaving blade in a predetermined direction, in which a cylindrical protruding portion that is supported such as to freely rotate by one bearing member is provided in either of the left and right bearing members on one side wall of the ice layer forming rotary drum, inner and outer narrow elongated circular cylindrical pipes that

configure a rapid cooling means are concentrically fitted into the cylindrical protruding portion, and furthermore, at least a first sealing member is provided between an outer circumferential surface of the outer narrow elongated circular
5 cylindrical pipe and an inner circumferential surface of an annular recess formed in the cylindrical protruding portion. An object of the present invention is to produce "fluffy" shaved ice.