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[Continued on next page]

(54) Title: FOOD STEAMER AND STEAM HEAT ENERGY COLLECTOR

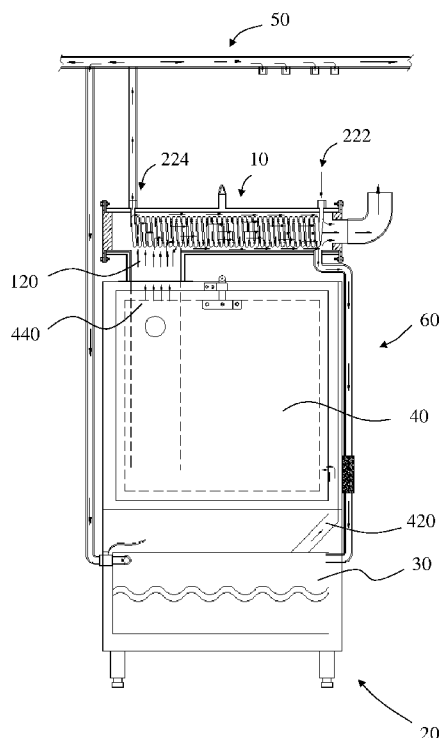


Figure 3

(57) Abstract: A food steamer and a steam heat energy collector (10) are provided. The steam heat energy collector (10) comprises a steam chamber (100) and a steam heat energy collection device (200), wherein the steam chamber (100) is arranged so that steam enters at a steam inlet (120) and exits from a steam outlet (130), and the steam heat energy collection device (200) is arranged to collect thermal energy from steam inside the steam chamber (100) by contact thermal exchange. The steam chamber (100) further comprises a steam guide (260) arranged to guide steam to travel inside the steam chamber (100) between the steam inlet (120) and the steam outlet (130) in a direction away from vertical. The food steamer comprises the steam heat energy collector (10). The steam heat energy collector could slow down the speed of steam transiting through the steam chamber, thereby increasing thermal collection efficiency.



- as to the identity of the inventor (Rule 4.17(i))
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