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(71)Name of Applicant :

**1)Chitkara University**

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

**2)Chitkara Innovation Incubator Foundation**

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)Mr. Daman Thethi**

Address of Applicant :H.No 1209-A, Sector-21, Panchkula-134112, Haryana Panchkula -----

**2)Dr. Rajeev Kamal Sharma**

Address of Applicant :House number 1, Air force enclave, Dhakoli, Zirakpur, SAS Nagar, Punjab -160104 Zirakpur -----

**3)Ms. Preeti Sharma**

Address of Applicant :House number 1, Air force enclave, Dhakoli, Zirakpur, SAS Nagar, Punjab -160104 Zirakpur -----

(57) Abstract :

ABSTRACT INSTANT BOTTLE CHILLING MACHINE The present disclosure discloses an instant chilling extension for a conventional refrigerator (100) comprising a hot and compressed refrigerant (102) in a vapour phase, a three-way solenoid valve (104) operated to divert the flow of the refrigerant, a condenser (106) to condense the refrigerant vapours, an expansion valve (108) to expand the refrigerant to maintain a defined pressure and a temperature; and a separator evaporator section (110). A bottle chiller (112) to absorb heat from bottle and convert the absorbed water into water vapours. Moreover, the instant chilling extension (100) is characterized to temporarily divert the flow of refrigerant to maintain a desired temperature and provide instant chilling. FIG. 1

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