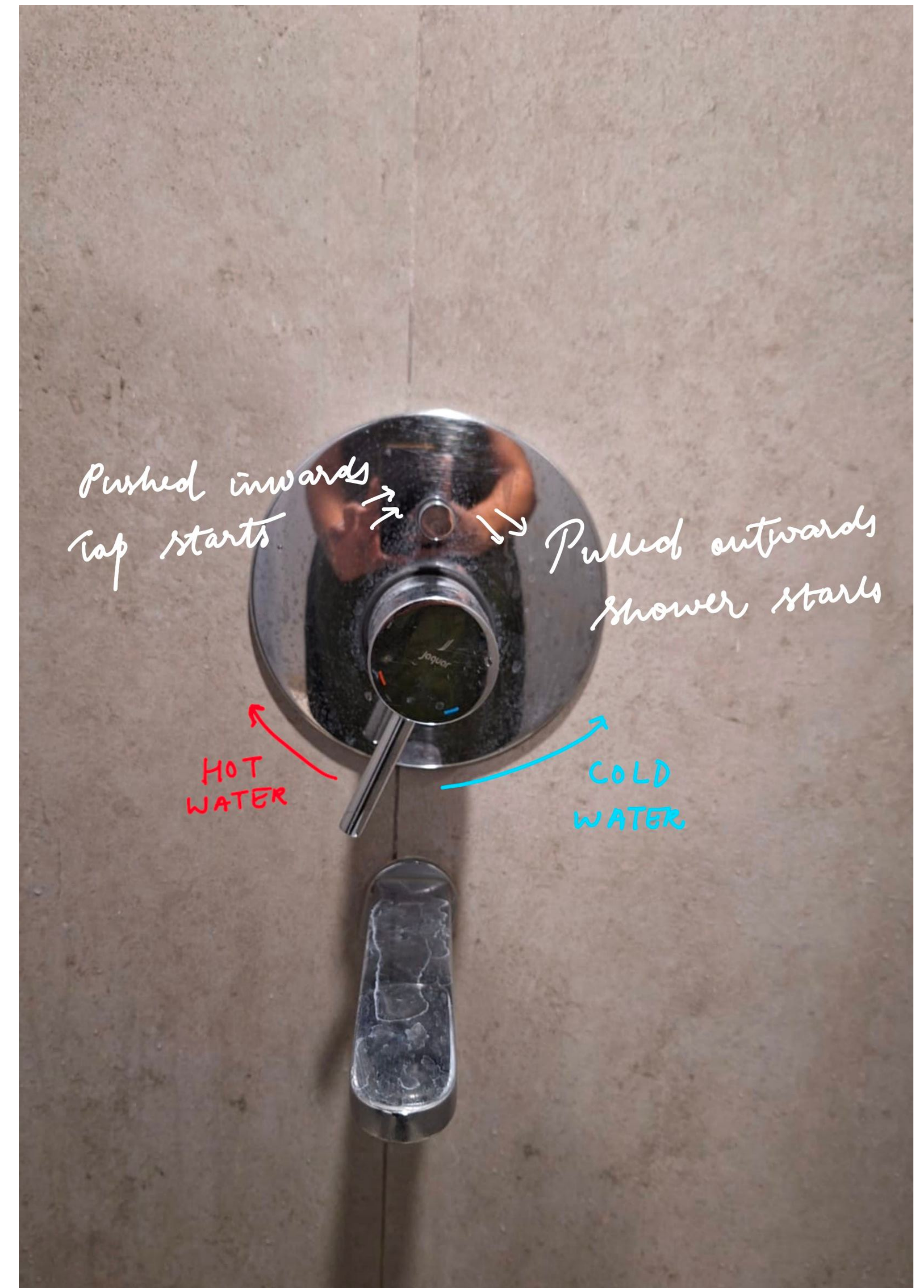# Human-Machine Interactions

1. Human influences the interaction

   E.g. Bathroom Faucets

   In order for the interaction (Water-flow) to occur, the human needs to initiate the process for the same by deciding whether to get a hot water-flow or cold water-flow or a mix of both be it by switching it to tap water or shower.

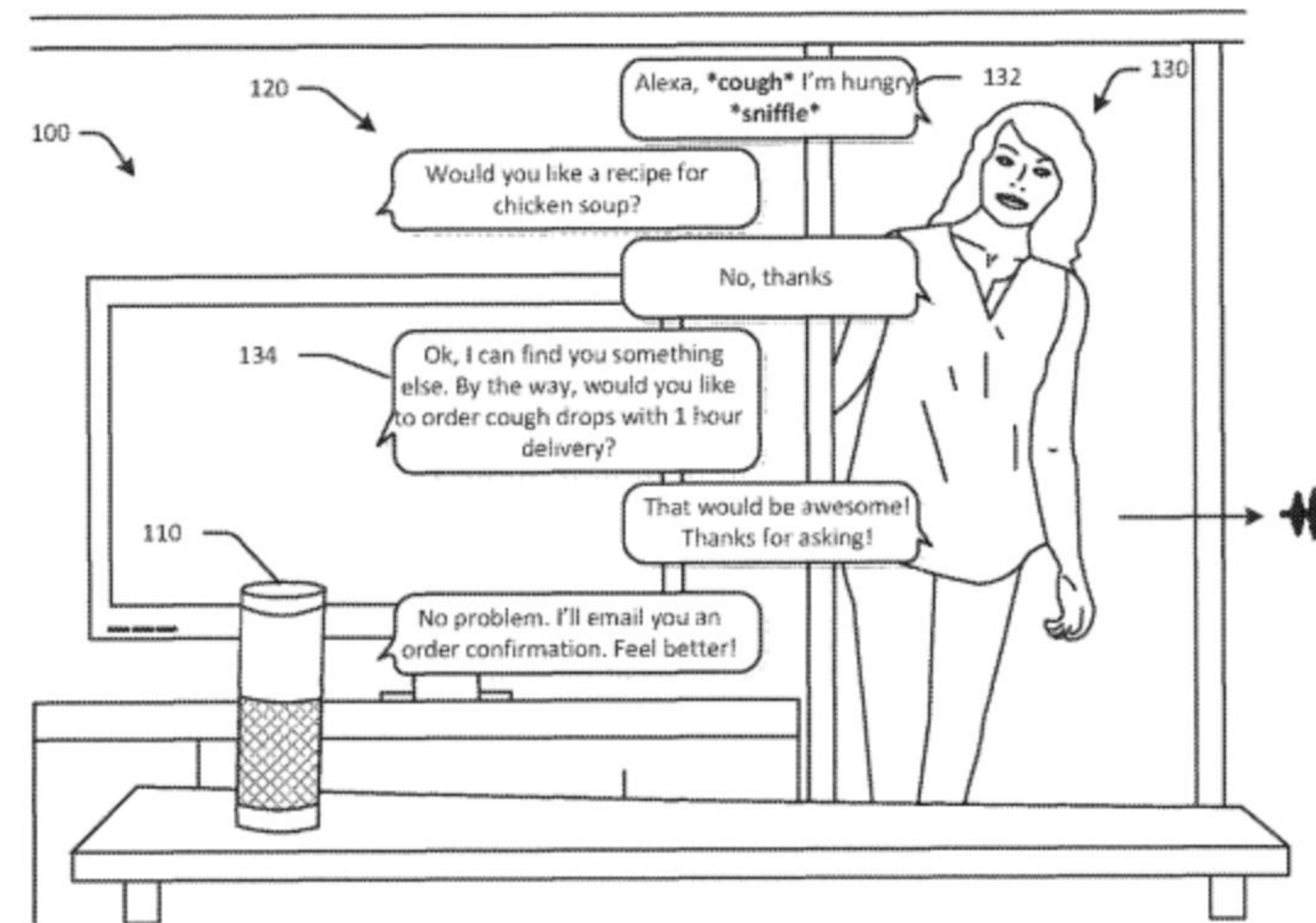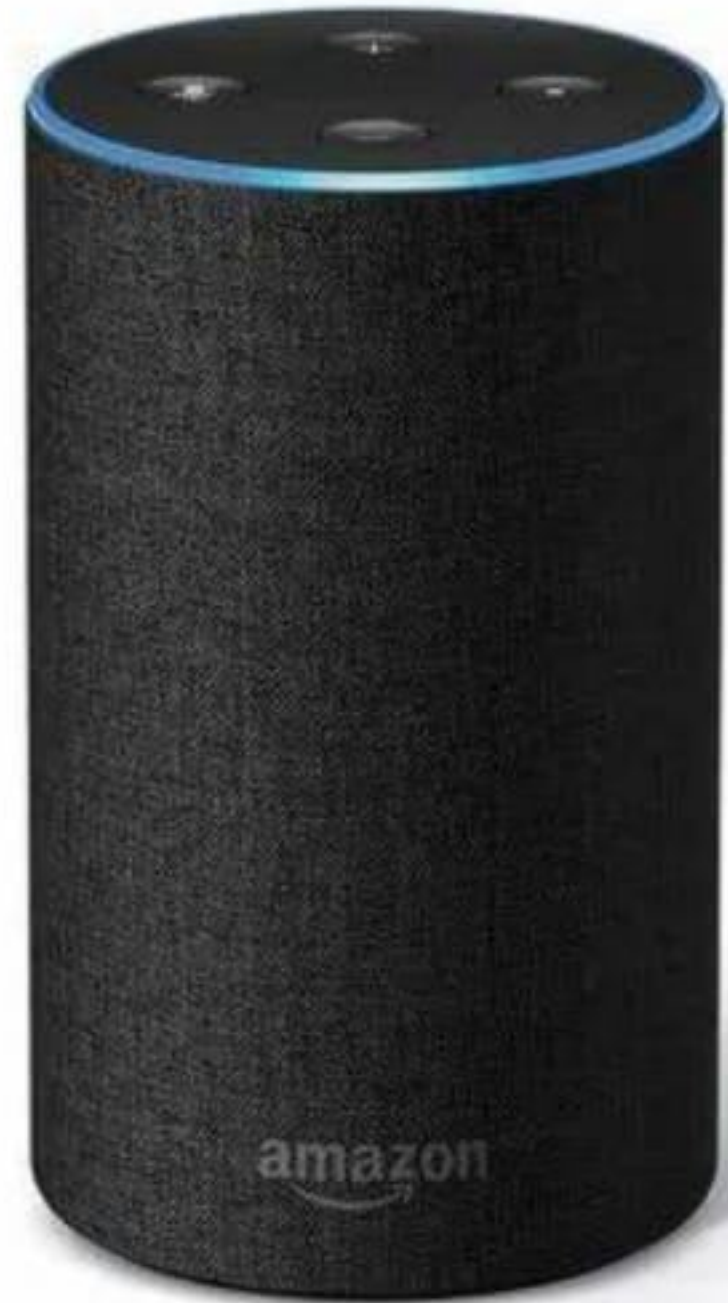1. Machine influences the interaction

E.g. Smoke Detector

Whether the smoke is produced within the room in which the detector is attached or outside the room, if the smoke reaches within the range of the detector to trigger it, it will beep. The detector recognises smoke in the vicinity and subsequently triggers the alarm which initiates the interaction.

smoke by any source Triggers the smoke detector

detects → Beeps

1. Human and machine equally influence the interaction

   E.g. Amazon's Echo Dot (Alexa)

Credit: Amazon

Alexa's conversation with a user with an ill user