

ABSTRACT

A robotic nursing assistant (RNA) for navigating and interacting with a user and its use thereof in a hospital setting is provided. The objective of present disclosure is to develop and integrate foundational technologies in Human Robotic Interaction (HRI) to enable the in-ward
5 automation of a plurality of healthcare-related tasks by robots. Examples include the recognition or identification of patients including their behavior, posture and speech as well as the ability to react to patients and nurses or healthcare professionals in a socially appropriate manner. A method of deploying the robotic nursing assistant in the hospital setting is also described.

10 [No. suitable fig]