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(57) Abstract :
The technology behind wireless entertainment devices is evolving rapidly. Bluetooth speakers and headphones are one of the most used wireless entertainment devices these days. The technology behind connecting the Bluetooth audio devices is also evolving. There was a time when the devices needed to be paired and connected manually. Then came some Bluetooth EarPods that would automatically be connected when it is taken out of the case. Some headsets have a magnetic switch. This invention, AudioDrop aims at connecting to Bluetooth speakers and headphones by just tapping the phone once on it. This is done by tagging each speaker with Near-Field Communication (NFC) tags, hence, eliminating the need for manual connection. Further, this technology aims at reducing the time taken by mobiles to scan for devices and connect to it. It can even be a major part of the workflow for some. A couple of use-cases can be just tapping the smartphone on the car dashboard to connect to the car stereo. Similarly, when entering the room, just tapping on the home audio system will connect to the speakers. There can be more other use cases, as used by the users.

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