Magnetometer

(1)

Sensor

Data

Queue

(2)

Spliter

(3)

ACK

(4)

Sender

Antenna ra

Queue

Sensor

(1) Collect the data

(2) store it waiting to be splited

(3) Split in packet of 28 bytes

(4) Send it by radio, if collision, store in a to send later

radio

1 The Gateway receive data

2 Assembly by cell and node

3 Create the timestamp

4 Send to the back end

1

Gateway

2

Combiner

Data

3

Timer

if there is
n a queue

4

Sender

Until
Back End