Waking In place:

The user physically steps in place to virtually walk.

In our implementation,

The direction of walk can be changed by swiping on the touchpad.
The movement in that direction is implemented by tracking the bobbing of the user's head.

At any time, User is free to look at the world around him.
But he always moves in the direction chosen using the touchpad as long as he physically steps.
There no movement if the user stands still.