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(54) **ADAPTIVE SPREADING FACTOR BASED ON POWER CONTROL**

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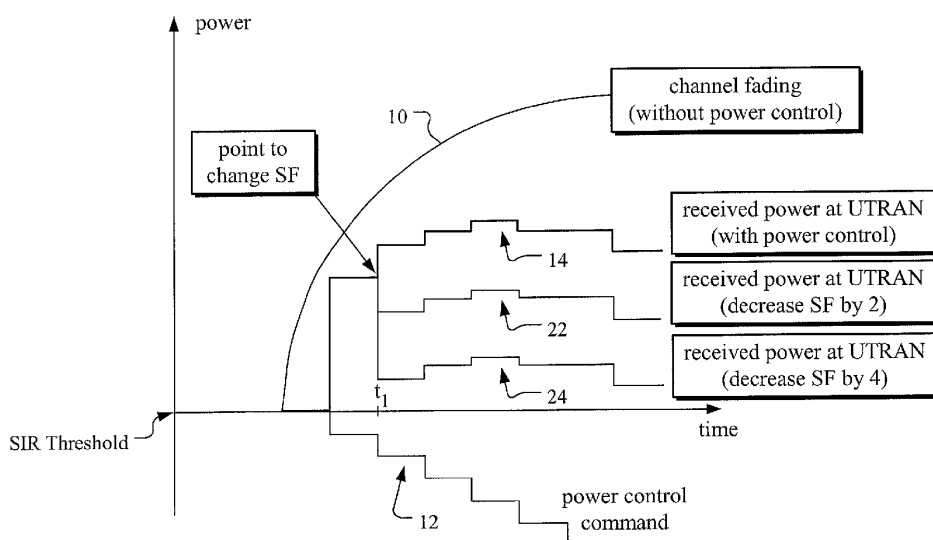
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(57) **ABSTRACT**

Near-far effect fading is counteracted by changing the spreading factor used for uplink channel spreading. The determination that a radio uplink channel power fade exists can be made in either the radio access network or the mobile station.

(73) Assignee: **Nokia Corporation**

(21) Appl. No.: **10/040,891**



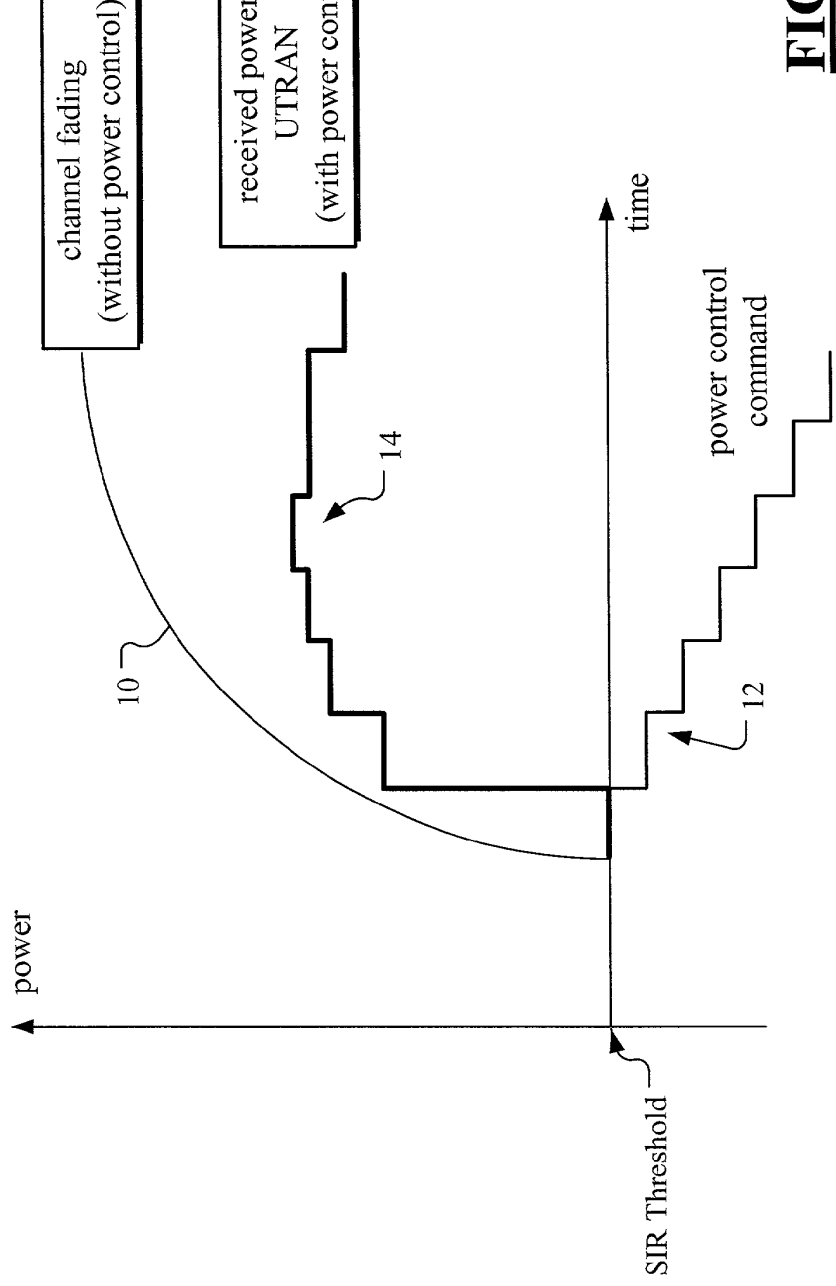


FIGURE 1
(PRIOR ART)

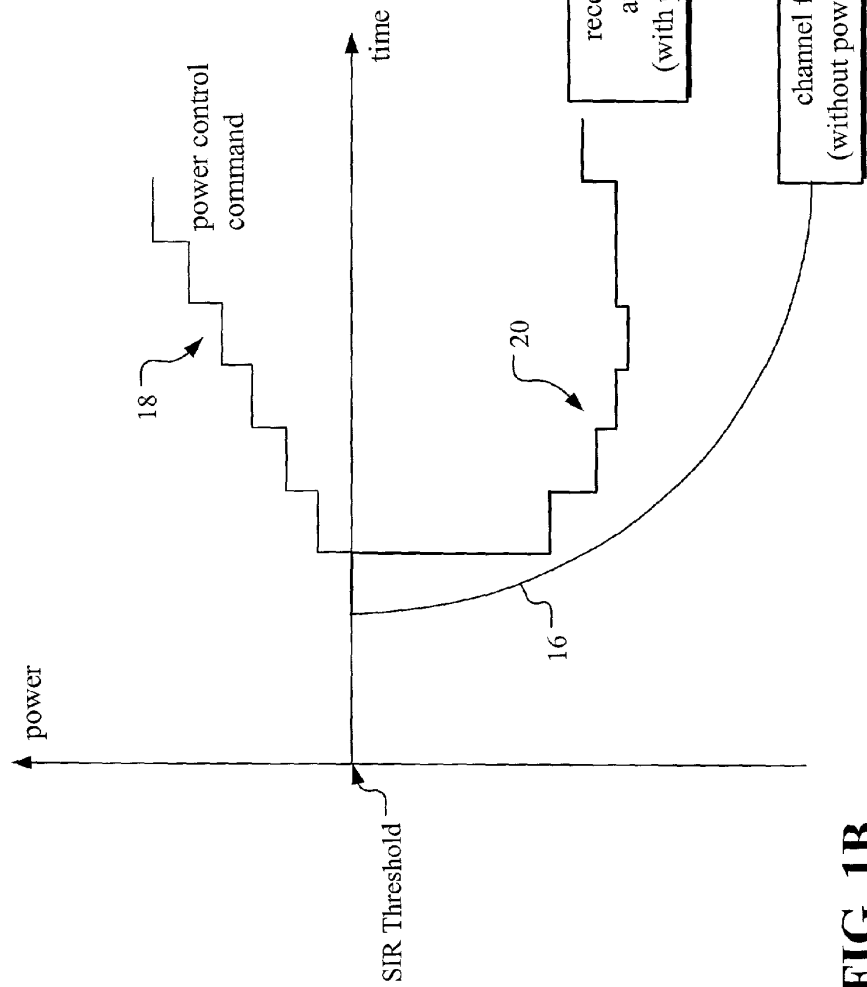
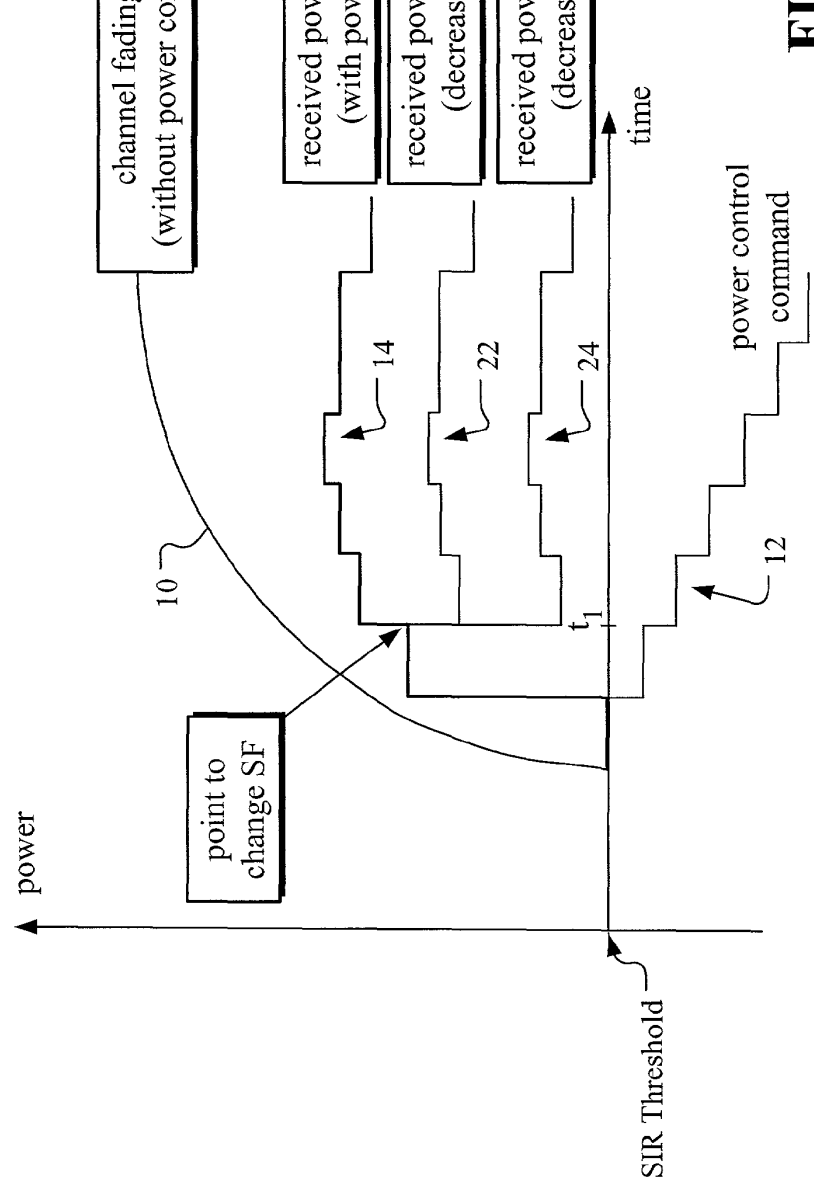


FIG. 1B
(PRIOR ART)



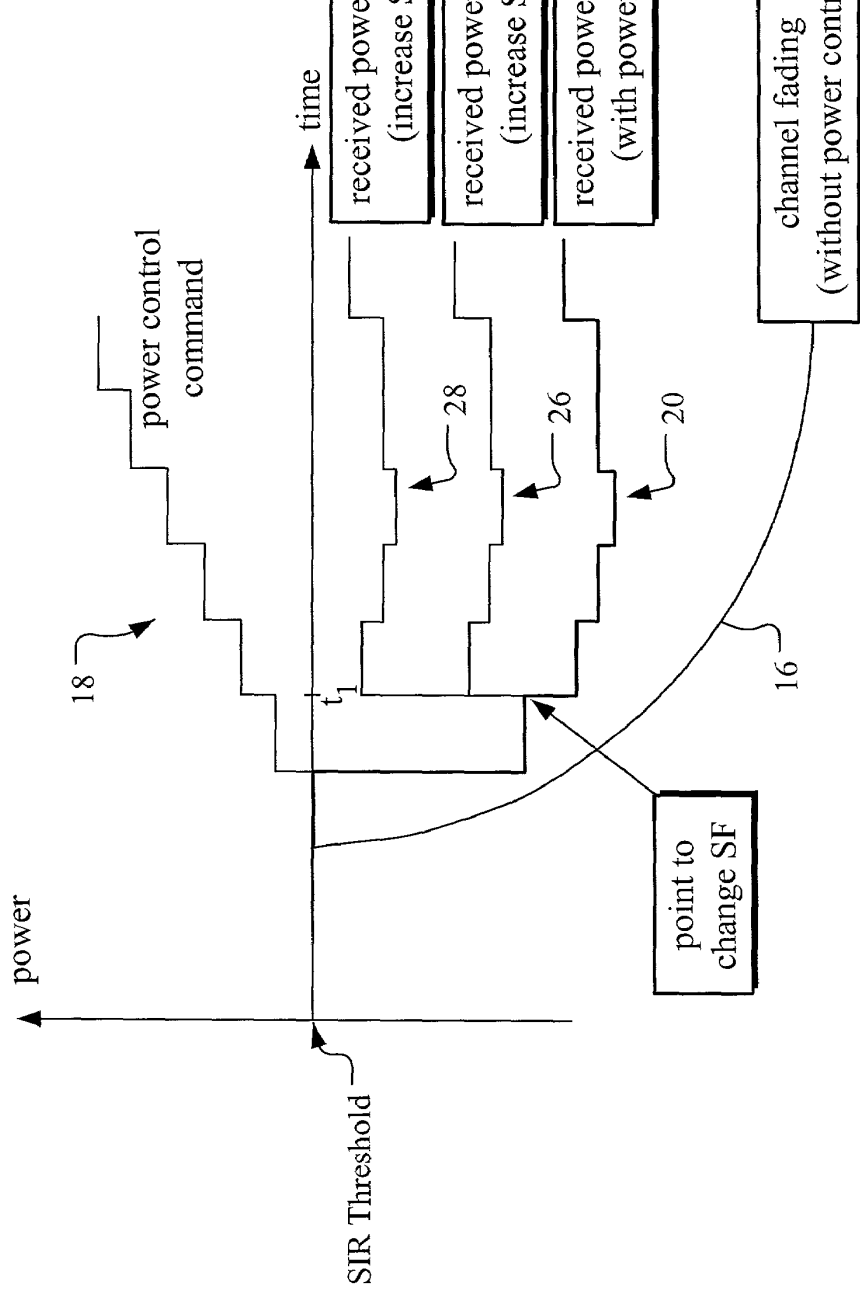


FIG. 2B

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