

**Voice Messaging System with Voice
Activated Prompt Interrupt**

Abstract

An arrangement providing voice activated prompt interrupt for a voice
5 messaging system. The exemplary apparatus includes a telephone line interface, a
memory device, a processor, a prompting device and a recording device. Once a call
is established at the interface, the processor causes the prompt to be played and
simultaneously the incoming signal to be sampled. An echo estimate is determined,
subtracted from the incoming signal and a determination is made if incoming speech
10 is detected. If incoming speech is detected, the prompt is stopped and the buffered
incoming signal is directed to the recording device.

This Sheet Has Been Replaced

