(12) United States Patent Lin et al.

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(54)	SYSTEM AND METHOD FOR PROVIDING A
	MUSICAL RINGING TONE ON MOBILE
	STATIONS

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U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/336,427

(22) Filed: Jun. 17, 1999

(51) Int. Cl.⁷ H04B 1/38

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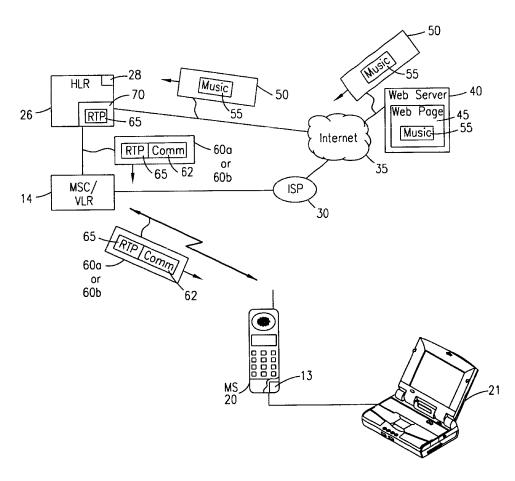
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(57) ABSTRACT

A telecommunications system and method is disclosed for allowing network operators to download ringing tone pattern (s) associated with one or more musical scores to mobile stations (MSs) according to the music selection of mobile subscribers associated with the MSs. Once executed, the ringing tone pattern provides a musical ringing tone on the MS, instead of the normal ringing tone. In addition, ringing tone patterns can be used to enhance the "distinctive ringing" function within the MS. Thus, instead of using distinctive ringing patterns to represent different called party numbers, different music can be used.

31 Claims, 5 Drawing Sheets





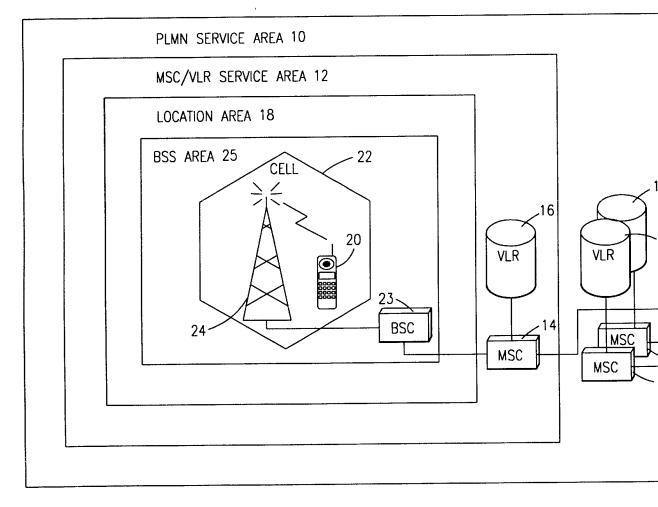
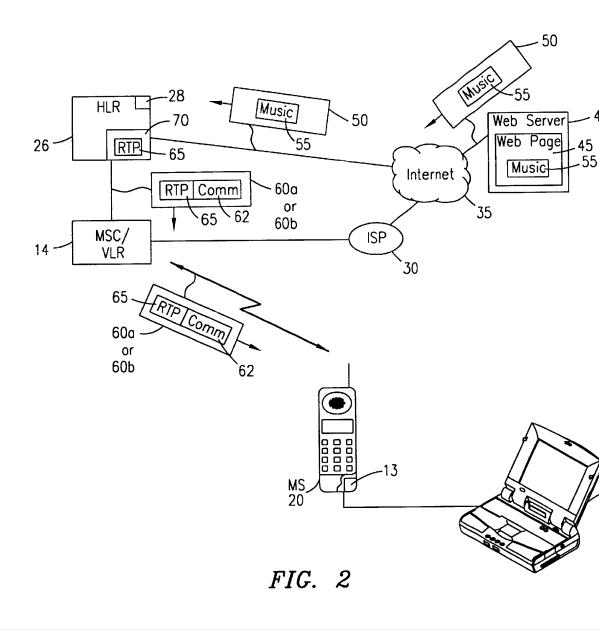


FIG. 1







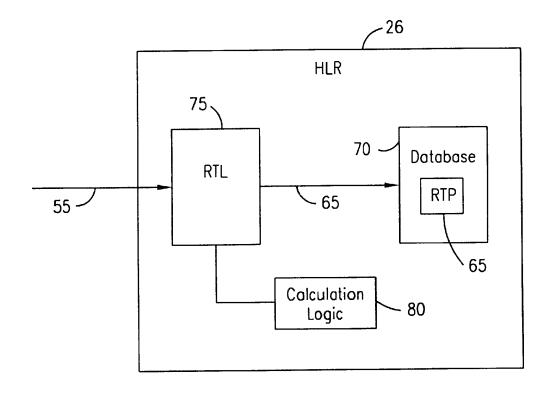


FIG. 3



Musical Ringing Tone Database in HLR

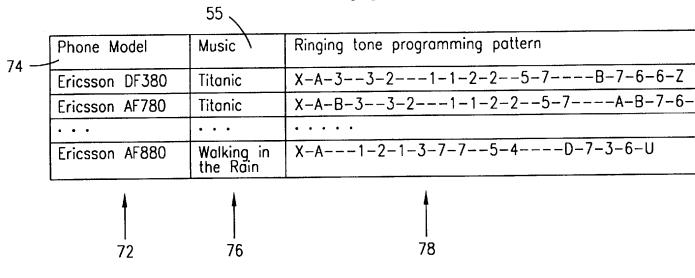


FIG. 4

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