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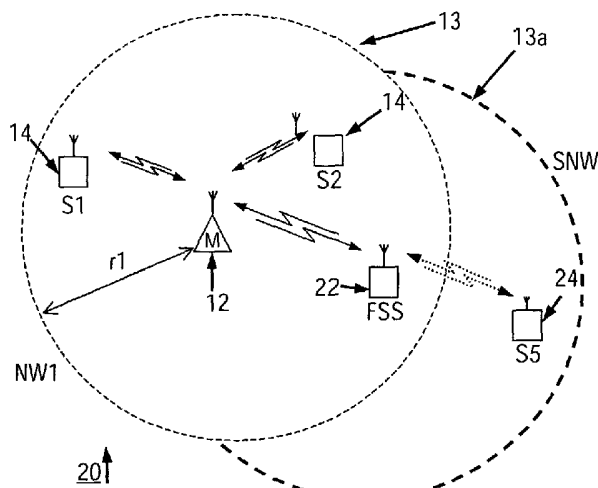
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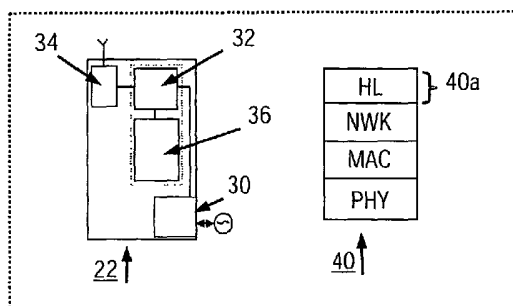
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[Continued on next page]

(54) Title: COMMUNICATION SYSTEM WITH AN EXTENDED COVERAGE AREA



(57) Abstract: A radio communication system (20) is described having a primary-secondary star-like topology, and wherein further secondary stations/devices (24) located outside of the radio coverage area (13) of the primary station (12) via a first secondary station (22) located within the coverage area of the primary station (12). This is achieved by the first secondary station (22) registering the further secondary station(s) with both itself and the primary station (12), following which messages are exchanged between the primary station and the further secondary station(s) via the first secondary station according to translation of identity codes allocated at the time of registration.



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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/37771 A (ERICSSON TELEFON AB L M ; LINDOFF BENGT (SE); MALM PETER (SE)) 10 May 2002 (2002-05-10) page 3, line 19 - line 24 page 7, line 5 - line 17	1-4, 7-9, 12, 13, 15-17
X	WO 02/13413 A (STATSIGNAL SYSTEMS INC) 14 February 2002 (2002-02-14) page 5, line 27 - line 33 page 16, line 13 - line 17	1, 7, 12, 15-17

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