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(54) Title: METHOD OF HANDOVER

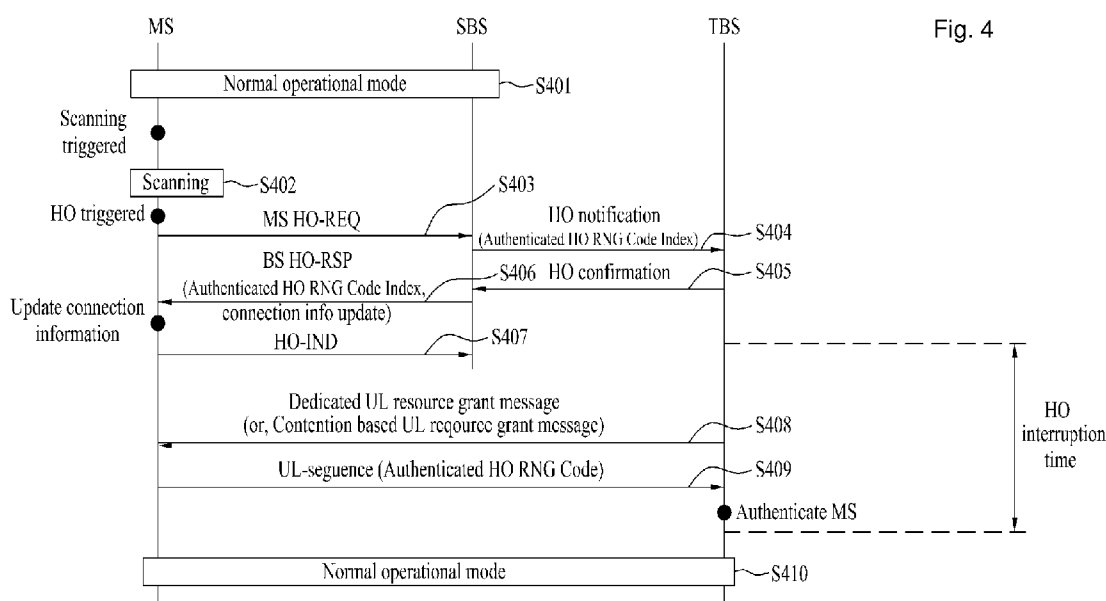


Fig. 4

(57) Abstract: A method for quickly performing a handover in a wireless access system is disclosed. The method for quickly performing a handover includes transmitting a handover request message to a serving base station (SBS), receiving a handover response message from the serving base station (SBS), and transmitting an uplink sequence generated by authentication-associated information of the serving base station (SBS) to a target base station (TBS). Therefore, a mobile station (MS) can complete the handover without exchanging a ranging message with the target base station (TBS), such that a communication interruption time can be minimized.

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PCT/KR2008/006642**A. CLASSIFICATION OF SUBJECT MATTER****H04B 7/26(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: H04B 7/26 H04L 9/00 H04Q 7/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS(KIPO internal), IEEEExplore, Google**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0066011 A1 (J. Vialen, et al.) 30 May 2002	1-8, 11-12
A	See Abstract; Paragraph [14] - Paragraph [26]; Figures 4 and 5.	9-10, 13-14
A	US 2005/0208945 A1 (S.-E. Hong, et al.) 22 September 2005	1 - 14
	See Abstract; Paragraph [67] - Paragraph [77]; Figure 5.	
A	US 2007/0010262 A1 (H.-J. Kang, et al.) 11 January 2007	1 - 14
	See Abstract; Paragraph [66] - Paragraph [73]; Figure 4A.	



Further documents are listed in the continuation of Box C.



See patent family annex.

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