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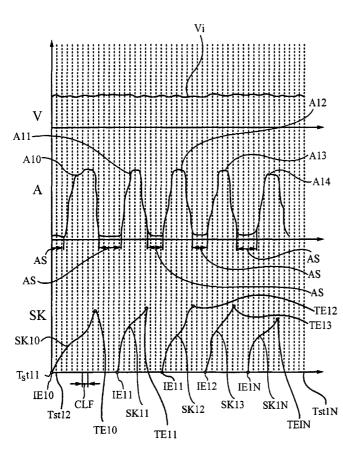
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(54) Title: SYSTEM AND METHOD FOR INDEXING, ACCESSING AND RETRIEVING AUDIO/VIDEO WITH CONCURRENT SKETCH ACTIVITY



(57) Abstract: For a number of users is a system provided to creat, edit, replay and view documents of free hand drawn sketches. The system captures the creation process together with verbal and/or visual information provided by each user and automatically correlates them for a later synchronized replay (Fig. 3). The system provides a numb er of to ols and features, mainly to: combine the sketching activity with existing images (Fig. 6), to selectively retrieve media information correlated to individual sketch entities and to quasi simultaneously collaborate at a common document. The system architecture can be adjusted to various parameters in the communication infrastructure (Fig. 8). The system may be implemented in any software program, a web based service, a web browser, an operating system for computers and/or communication devices (Fig. 9).

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Category* Citation of document, with indication, where a	ppropriate, of the relevant passages Relevant to claim No.	
X US 5,675,752 A (SCOTT et al) 07 O 1-65.	OCTOBER 1997, Col. 2, lines 1-27	
	US 6,072,479 A (OGAWA) 06 JUNE 2000, Col. 2, lines 40-65.	
	US 5.608,859 A (TAGUCHI) 04 MARCH 1997, Col. 2, lines 4-56. 1-27	
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