

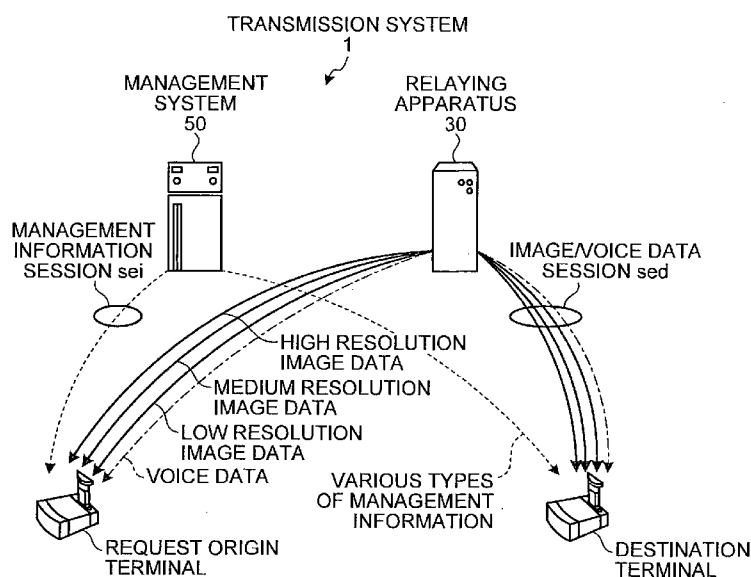


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- (54) **Title:** TRANSMISSION MANAGEMENT SYSTEM, TRANSMISSION SYSTEM, SELECTION METHOD, PROGRAM PRODUCT, PROGRAM SUPPLY SYSTEM, AND MAINTENANCE SYSTEM

FIG.2

(57) **Abstract:** A transmission management system (50) selects a relay apparatus to actually relay content data between a first terminal and a second terminal, from among a plurality of relaying apparatuses (30) capable of relaying the content data for conversation between the first and second terminals. Before the content data is transmitted and received between the first and second terminals, prior transmission information is transmitted and received instead of the content data. Thereby, it is possible to select one relaying apparatus (30) capable of actually relaying the prior transmission information with the fastest speed. Thereby, it is possible to select the relaying apparatus capable of relaying the highest quality with the fastest speed under an actual communication network environment.