

Abstract

MANAGEMENT DEVICE, METHOD OF CONTROLLING MANAGEMENT DEVICE, AND PROGRAM

A management device for managing an electronic signature for an electronic content, the management device including: an acquisition unit acquiring an instruction of a signature; a signature generating unit generating an electronic signature; an attachment unit attaching the electronic signature to the electronic content; an electronic certificate generating unit generating an electronic certificate; an electronic certificate information storing unit executing a process for storing electronic certificate information in each ledger system of a plurality of ledger systems; a response acquiring unit acquiring a plurality of responses for a request for the electronic certificate information; an aggregated value calculating unit calculating an aggregated value of each of identical responses by aggregating coefficients associated with the ledger systems, for each of the identical responses included in the plurality of responses; a determination unit determining one response as a response matching the electronic certificate information on the basis of the aggregated values; and an output unit outputting the one response.

Figure 1