FIG. 1

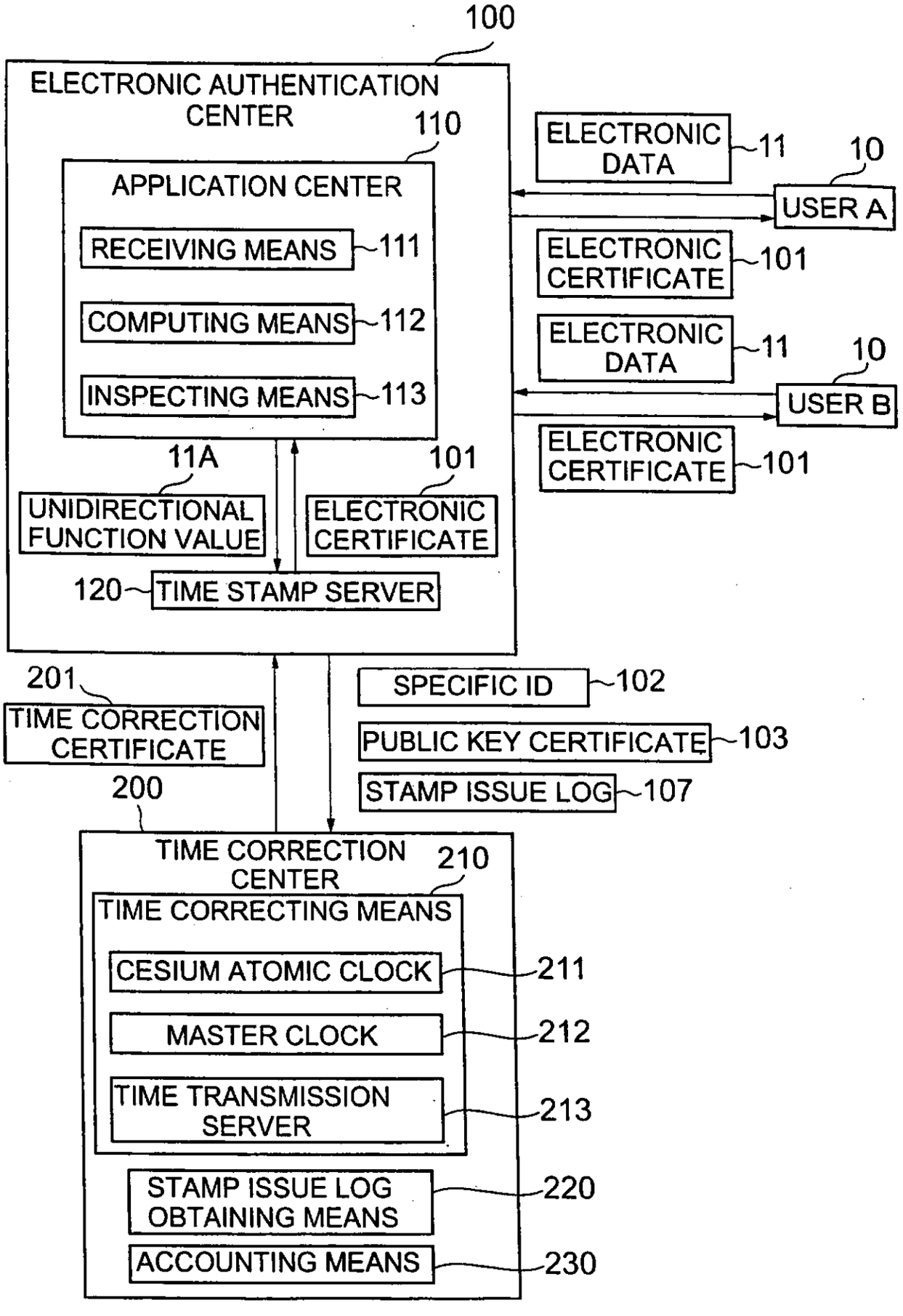

100
ELECTRONIC AUTHENTICATION CENTER
110
APPLICATION CENTER
RECEIVING MEANS
111
COMPUTING MEANS
112
INSPECTING MEANS
113
11A
UNIDIRECTIONAL FUNCTION VALUE
101
ELECTRONIC CERTIFICATE
120
TIME STAMP SERVER
ELECTRONIC DATA
11
10
USER A
ELECTRONIC CERTIFICATE
101
ELECTRONIC DATA
11
10
USER B
ELECTRONIC CERTIFICATE
101
201
TIME CORRECTION CERTIFICATE
SPECIFIC ID
102
PUBLIC KEY CERTIFICATE
103
STAMP ISSUE LOG
107
200
TIME CORRECTION CENTER
210
TIME CORRECTING MEANS
CESIUM ATOMIC CLOCK
211
MASTER CLOCK
212
TIME TRANSMISSION SERVER
213
STAMP ISSUE LOG OBTAINING MEANS
220
ACCOUNTING MEANS
230

FIG. 2

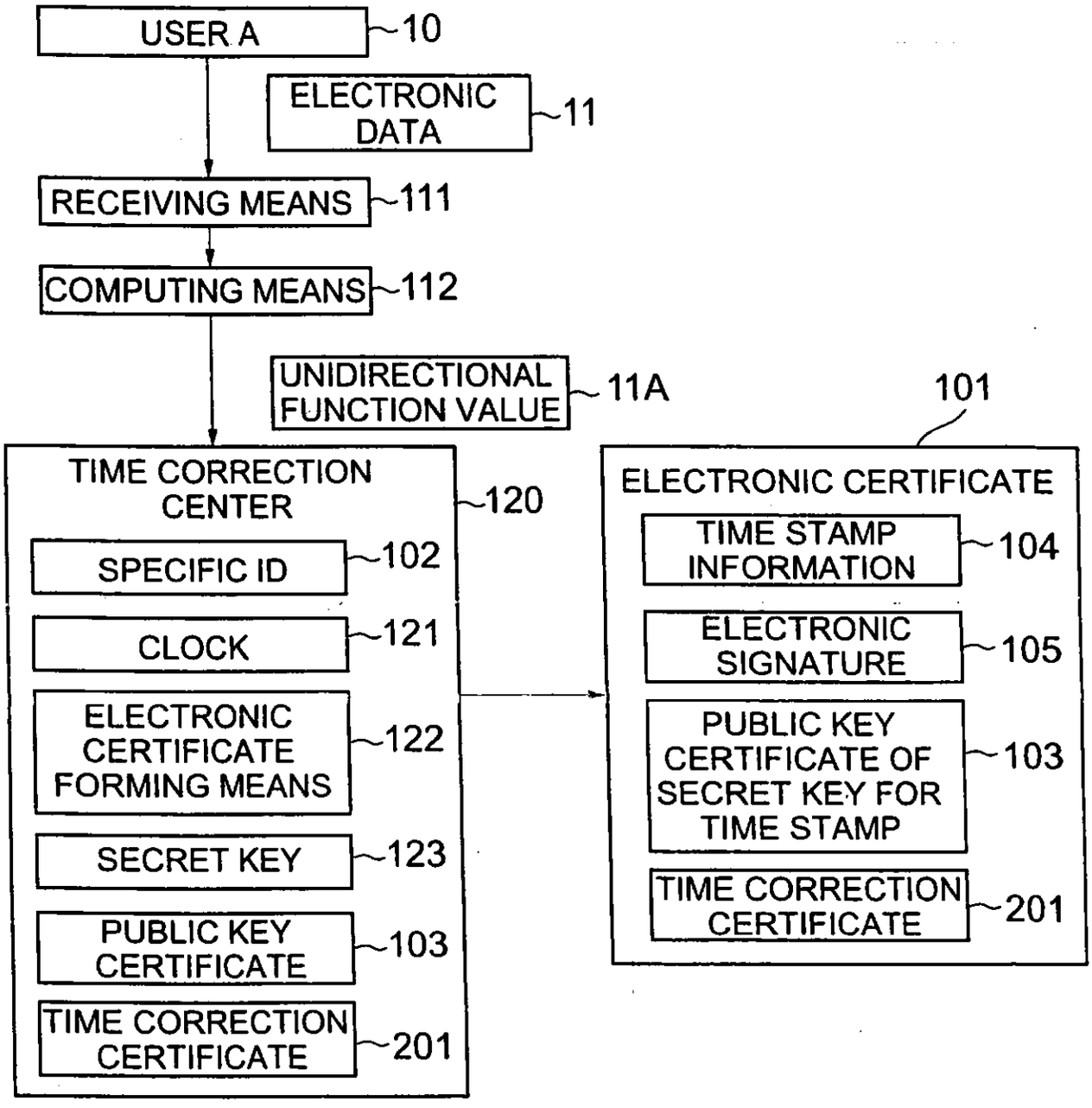

USER A
10
ELECTRONIC DATA
11
RECEIVING MEANS
111
COMPUTING MEANS
112
UNIDIRECTIONAL FUNCTION VALUE
11A
101
TIME CORRECTION CENTER
120
SPECIFIC ID
102
CLOCK
121
ELECTRONIC CERTIFICATE FORMING MEANS
122
SECRET KEY
123
PUBLIC KEY CERTIFICATE
103
TIME CORRECTION CERTIFICATE
201
ELECTRONIC CERTIFICATE
TIME STAMP INFORMATION
104
ELECTRONIC SIGNATURE
105
PUBLIC KEY CERTIFICATE OF SECRET KEY FOR TIME STAMP
103
TIME CORRECTION CERTIFICATE
201

FIG. 3

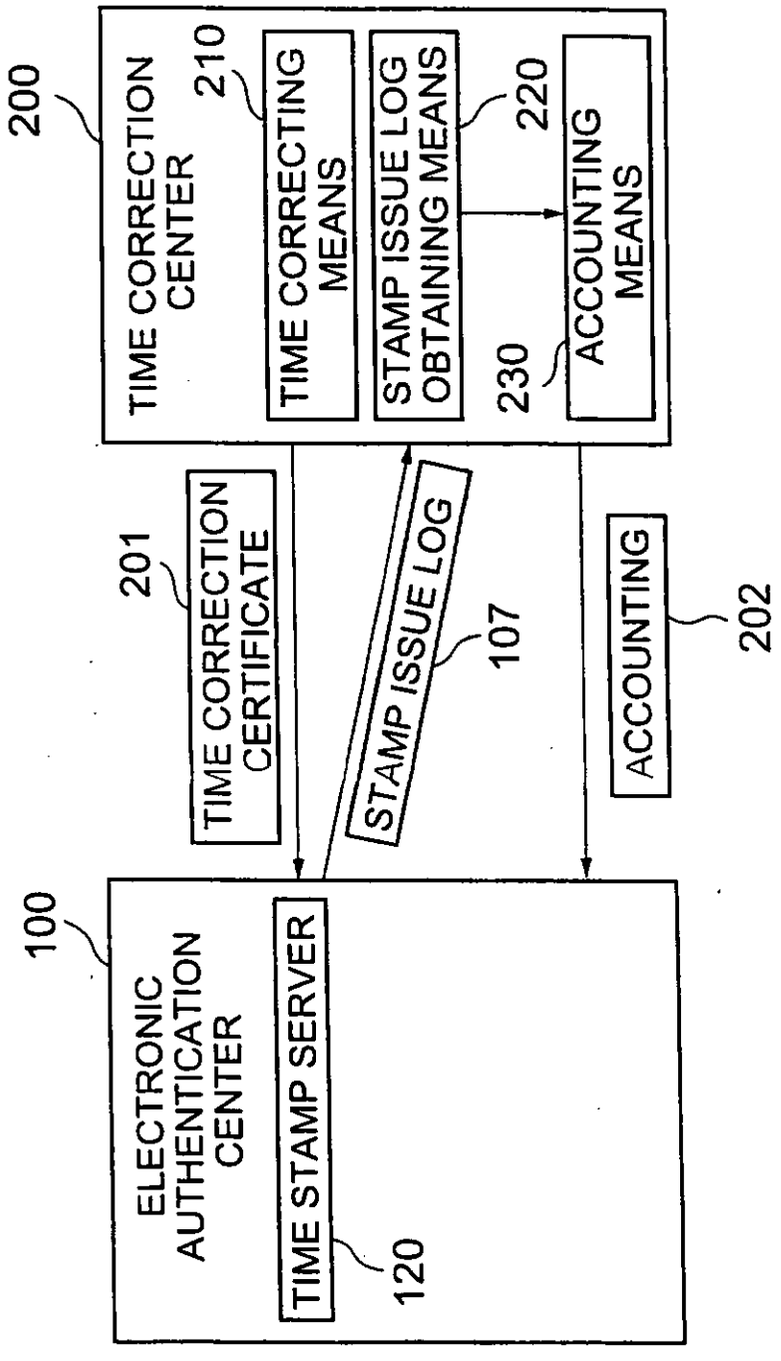

200
TIME CORRECTION CENTER
210
TIME CORRECTING MEANS
STAMP ISSUE LOG OBTAINING MEANS
220
230
ACCOUNTING MEANS
201
TIME CORRECTION CERTIFICATE
STAMP ISSUE LOG
107
ACCOUNTING
202
100
ELECTRONIC AUTHENTICATION CENTER
TIME STAMP SERVER
120

FIG. 4

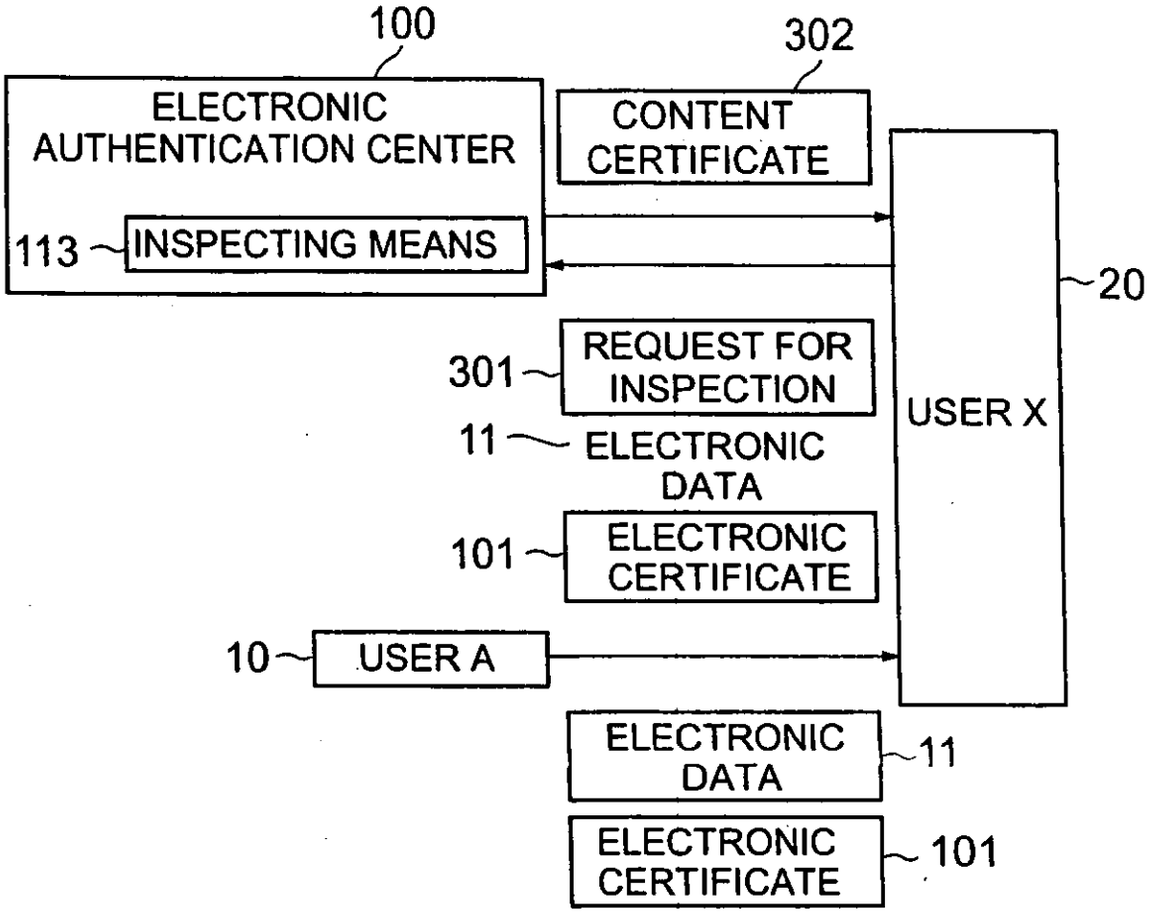
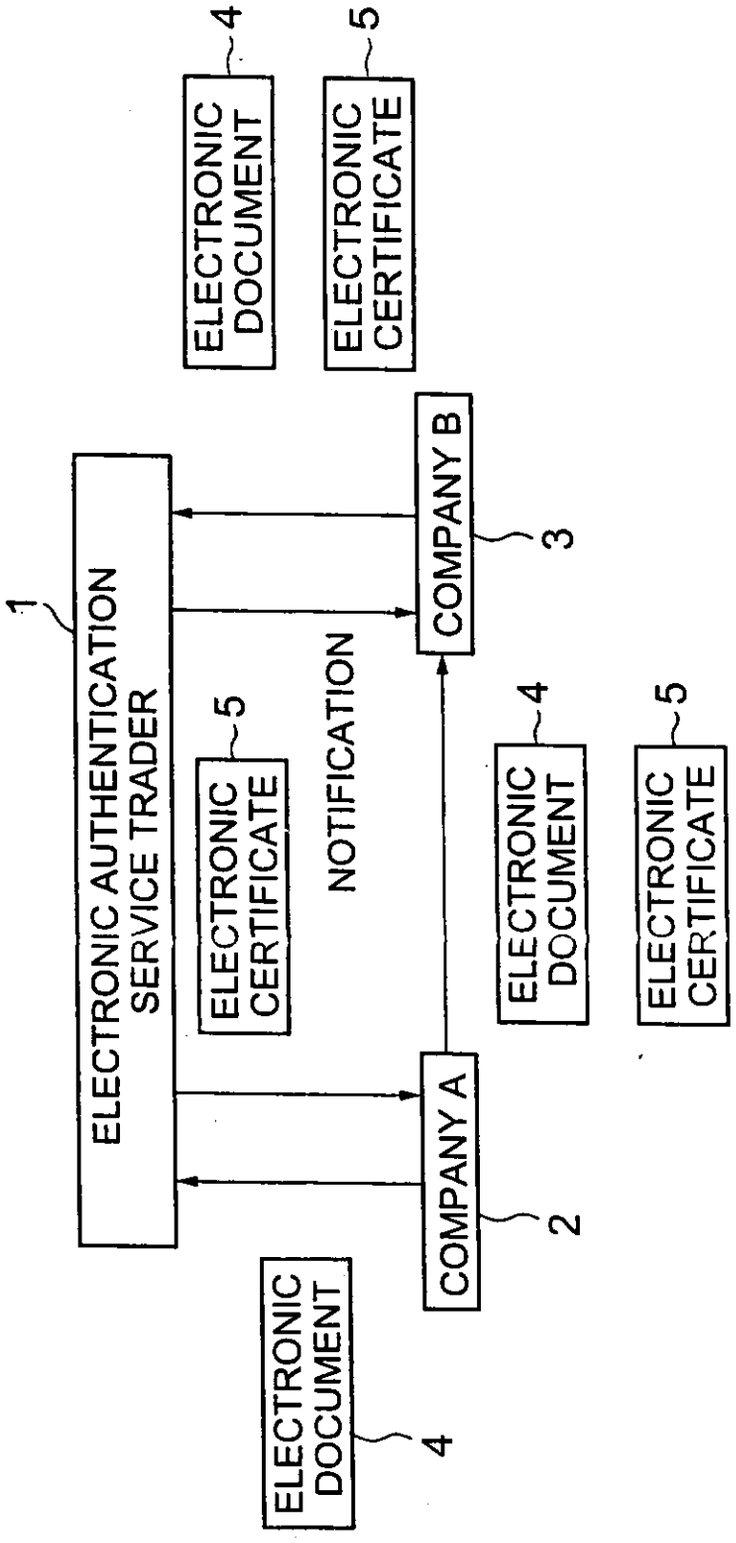

100
ELECTRONIC AUTHENTICATION CENTER
113
INSPECTING MEANS
302
CONTENT CERTIFICATE
20
USER X
301
REQUEST FOR INSPECTION
11
ELECTRONIC DATA
101
ELECTRONIC CERTIFICATE
10
USER A
ELECTRONIC DATA
11
ELECTRONIC CERTIFICATE
101

FIG. 5


ELECTRONIC AUTHENTICATION SERVICE TRADER
1
COMPANY A
2
COMPANY B
3
ELECTRONIC DOCUMENT
4
ELECTRONIC CERTIFICATE
5
NOTIFICATION