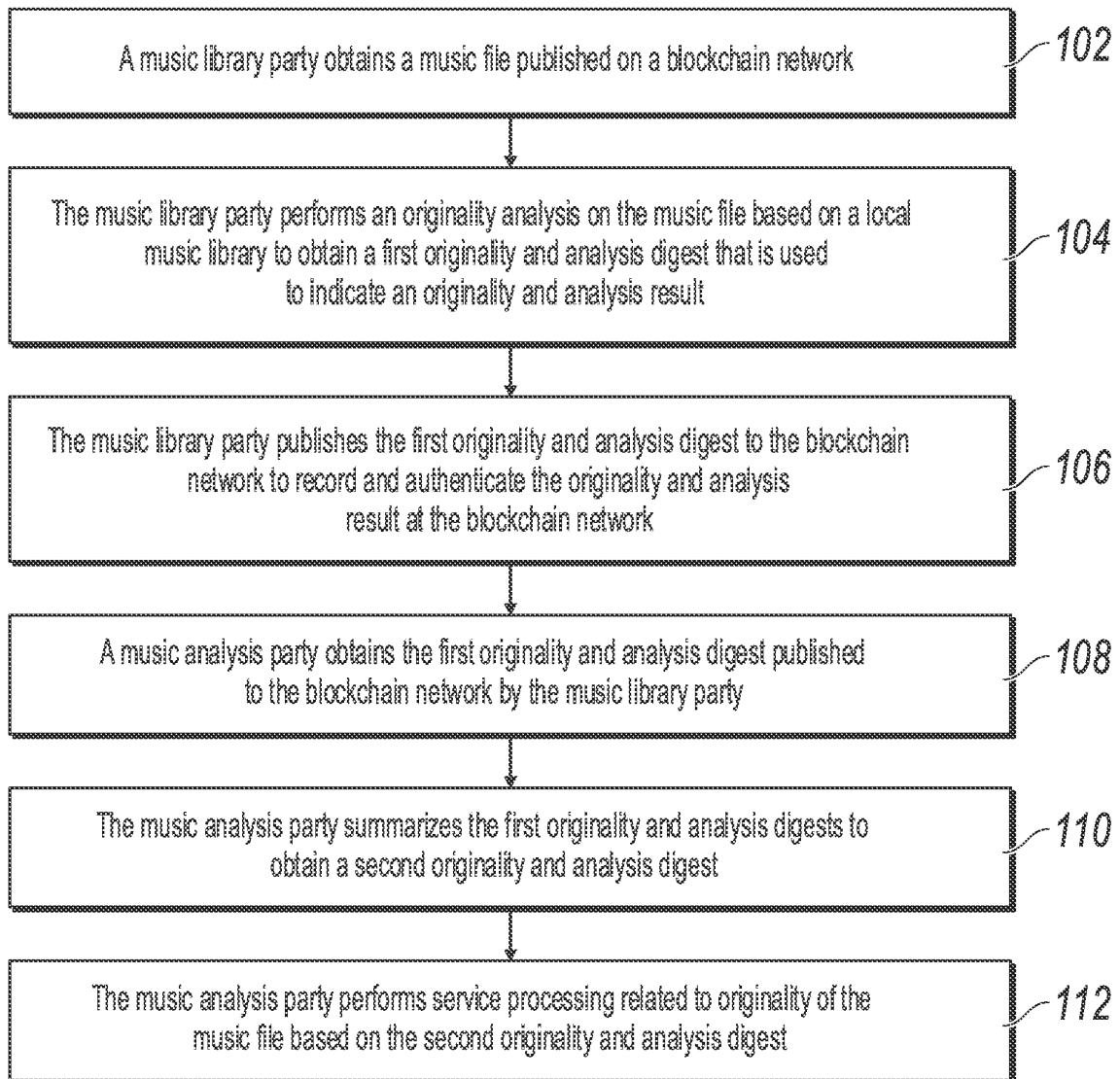


**FIG. 1**

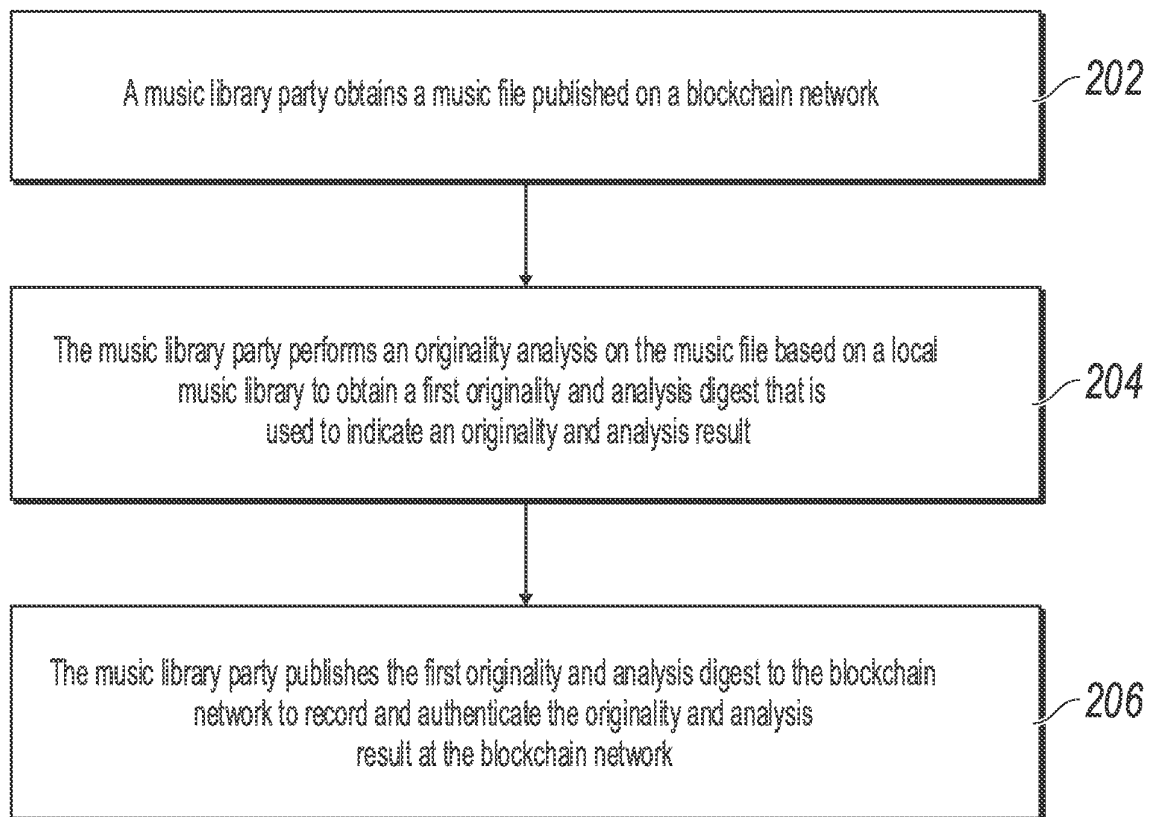


FIG. 2

Key(Corpus account):
"Hello Bob"'s MIDI->rlp->SHA3

Tx(value)content:
Composer: James
Composing time: May 1, 2018
Performer: James as a guitarist/Nick as a pianist
Music style: [pop/rock]
99% tune matched 0X12345678 ("Hey Jude" [pop/rock]);
99% tempo matched 0X12345678 ("Hey Jude" [pop/rock]);
...

FIG. 3

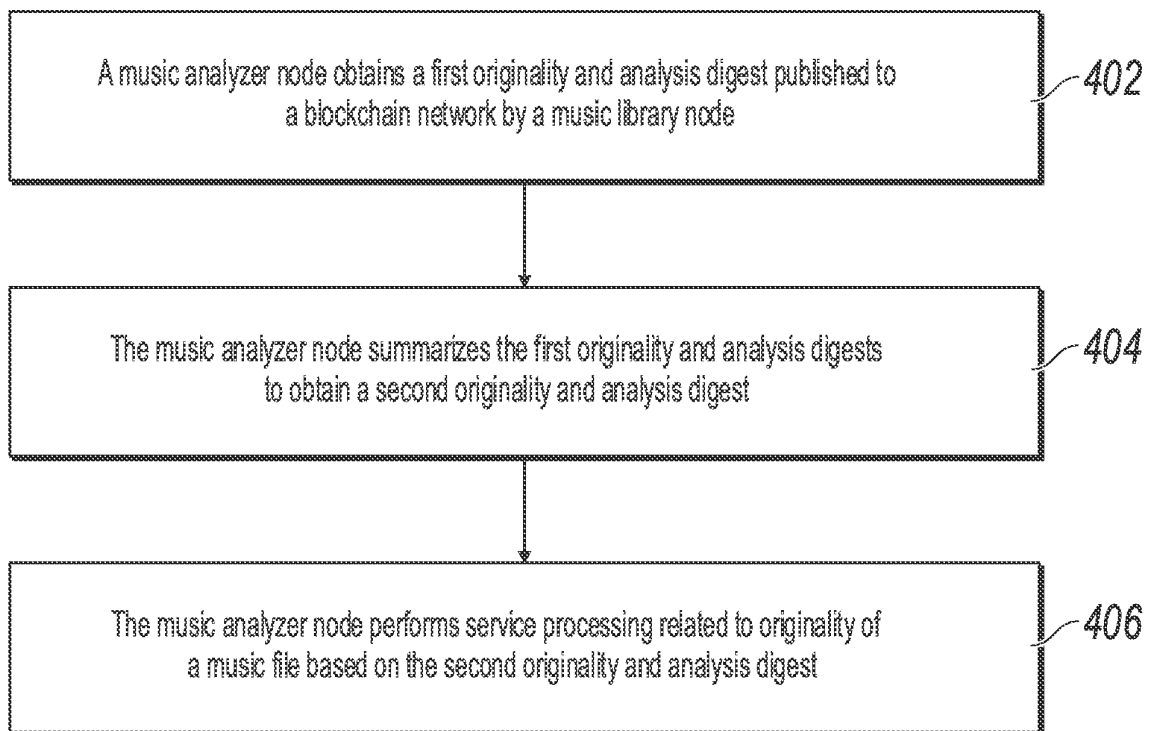


FIG. 4

Key(Corpus account):
"Hello Bob"'s MIDI->rip->SHA3

Tx(value)content:
Composer: James
Composing time: May 1, 2018
Performer: James as a guitarist/Nick as a pianist
Music style: [pop/rock/soul]
Similarity ratio of duration: 60%
99% tune matched 0X12345678 ("Hey Jude" [pop/rock]);
90% tune matched 0X87654321 ("Hello" [pop/soul]);
99% tempo matched 0X12345678 ("Hey Jude" [pop/rock]);
90% tempo matched 0X87654321 ("Hello" [pop/soul]);
...

FIG. 5

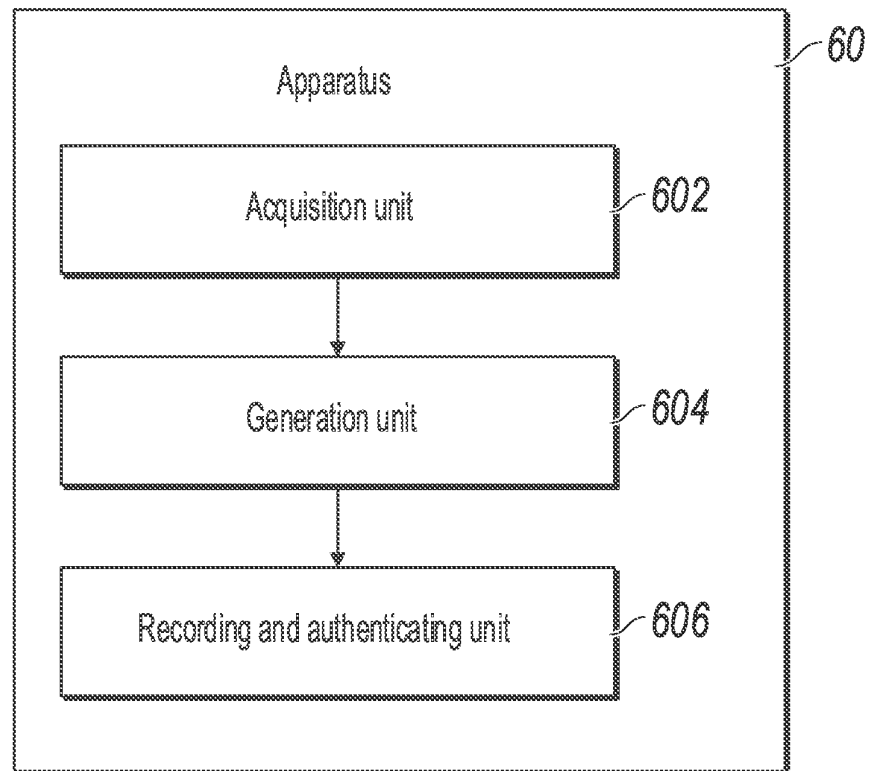


FIG. 6

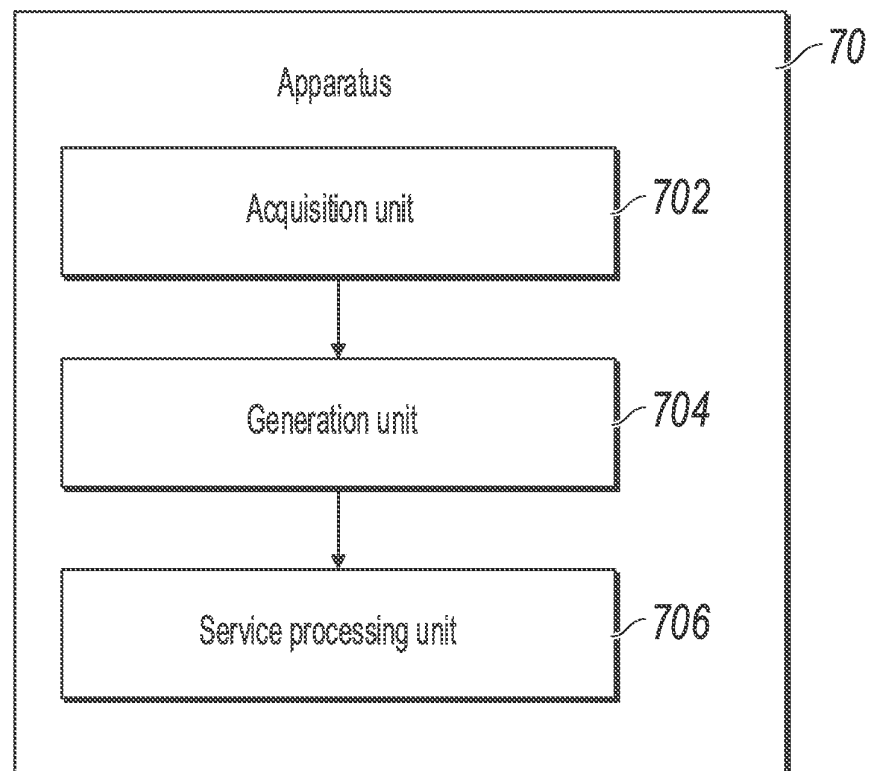


FIG. 7

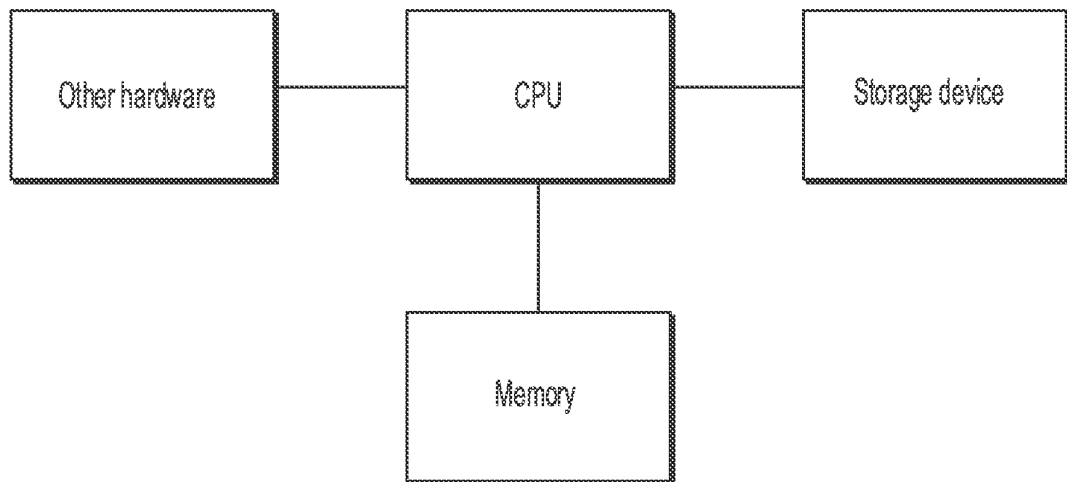


FIG. 8

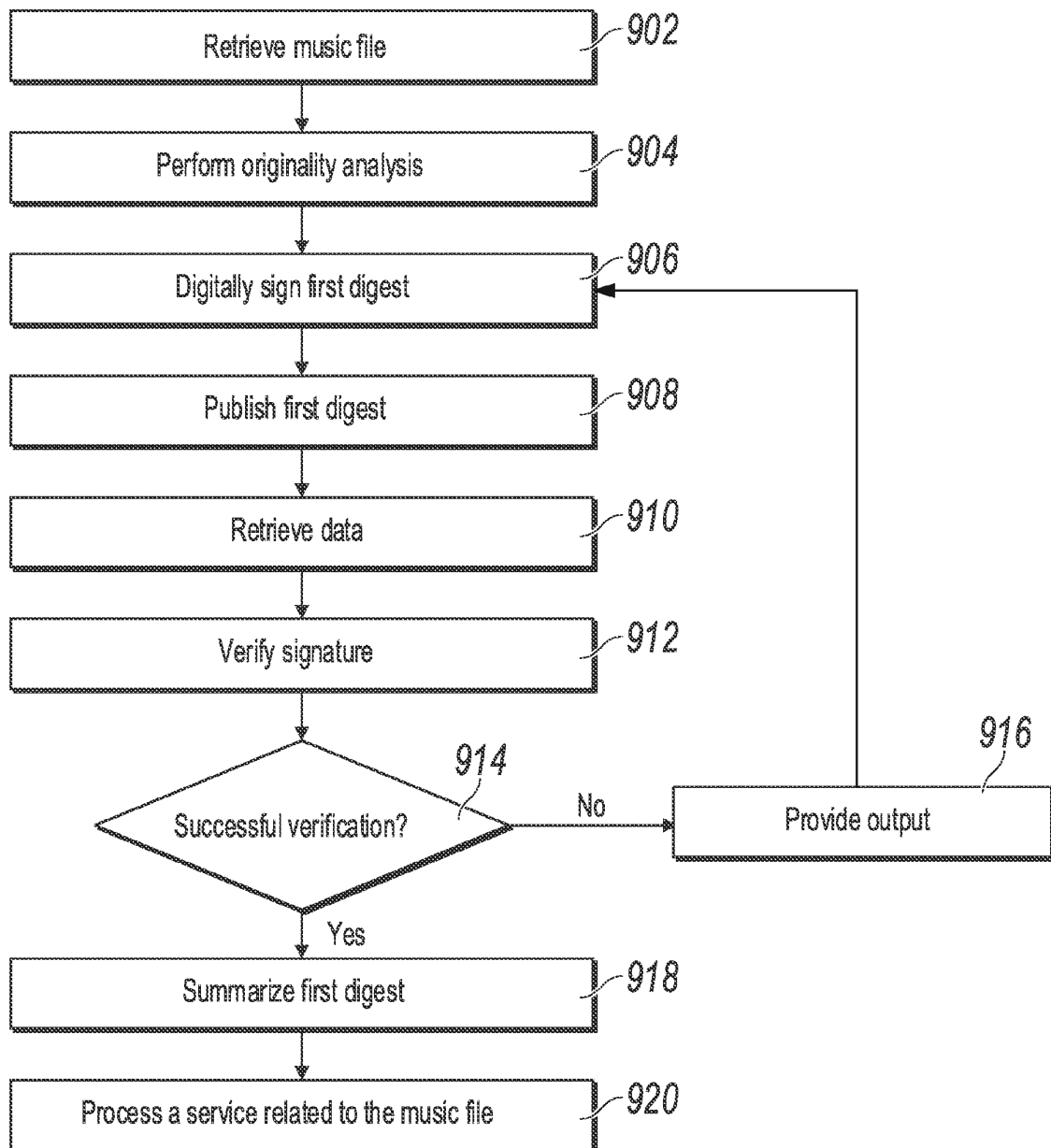


FIG. 9