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Kiani et al.

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(54) **DETERMINING DISPOSITION OF UNDELIVERABLE AS ADDRESSED MAIL**

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Related U.S. Application Data

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(51) **Int. Cl.**
B07C 3/00 (2006.01)

(52) **U.S. Cl.**
USPC **209/584**; 209/583; 209/900; 700/213; 700/219; 705/402; 705/401

(58) **Field of Classification Search**
USPC 209/583, 584, 900; 700/213, 219; 705/1, 401, 402
See application file for complete search history.

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(57) **ABSTRACT**

Some embodiments include a machine-readable medium including instructions which when executed by a machine causes the machine to perform operations. The operations include sorting mail. The sorting of the mail includes reading an encoded value located on the mail piece. The sorting of the mail includes decoding the encoded value to determine a delivery point for the mail piece, an identification of a sender of the mail piece, an identification of a recipient of the mail piece, an identification of a class of the mail piece and an identification of a service type of the mail piece. The sorting of the mail includes determining whether the mail piece is a candidate undeliverable as addressed mail piece using the identification of the recipient of the mail piece within the encoded value and the identification of a delivery point for the mail piece within the encoded value.

10 Claims, 4 Drawing Sheets
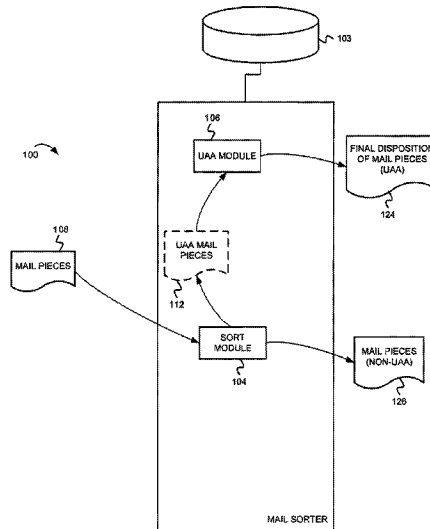
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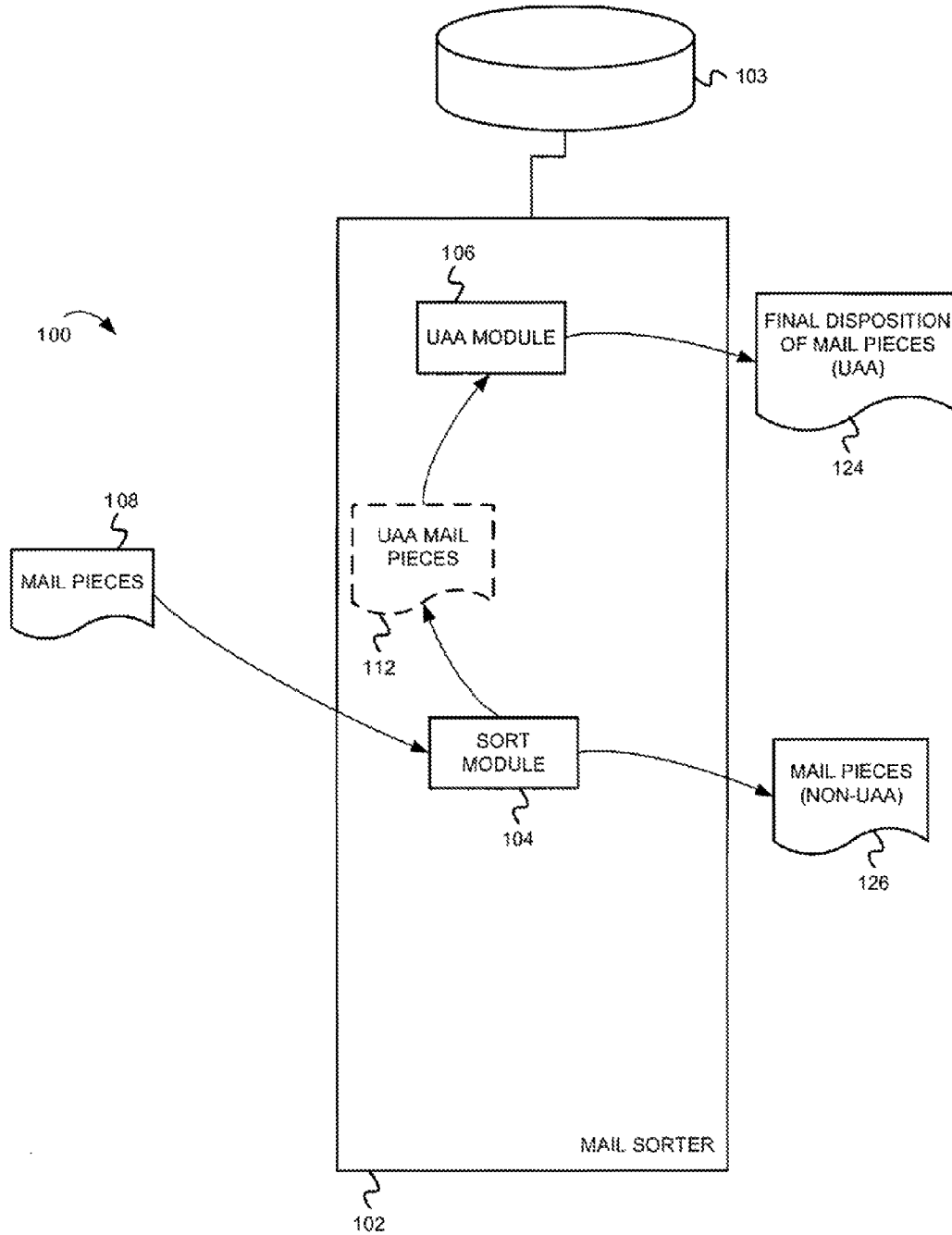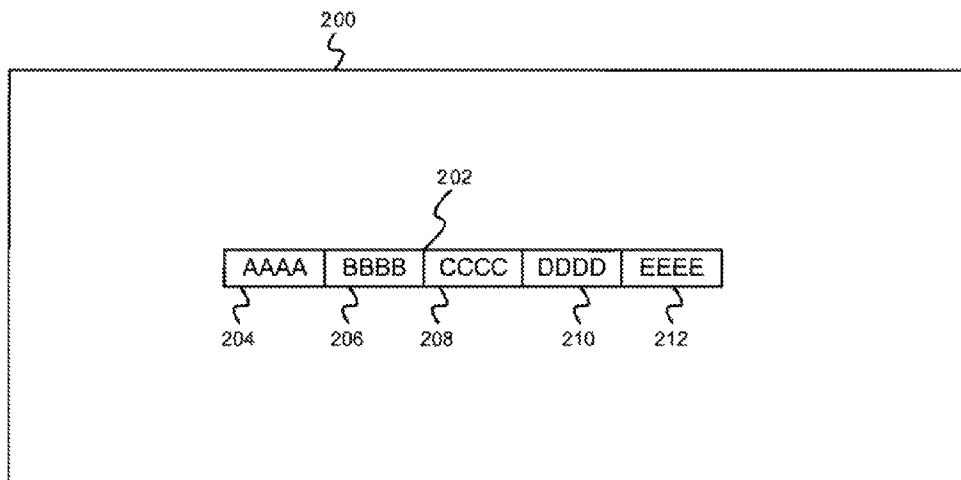
* cited by examiner

FIG. 1

200

202

AAAA	BBBB	CCCC	DDDD	EEEE

204   206   208   210   212

FIG. 2

300

```
                          ┌─────────────┐
                          │    BEGIN    │
                          └──────┬──────┘
                                 │
                    ┌────────────▼────────────┐
                    │  RECEIVE MAIL PIECE FOR  │      302
                    │         SORTING          │
                    └────────────┬─────────────┘
                                 │
                  ┌──────────────▼───────────────┐
                  │ READ AN ENCODED VALUE LOCATED │     304
                  │       ON THE MAIL PIECE       │
                  └──────────────┬────────────────┘
                                 │
                ┌────────────────▼─────────────────┐
                │     DECODE THE ENCODED VALUE TO   │
                │   DETERMINE THE DELIVERY POINT,   │    306
                │  SENDER, RECIPIENT, CLASS AND ANY │
                │  ENDORSEMENTS FOR THE MAIL PIECE  │
                └────────────────┬──────────────────┘
                                 │
                        ◇────────────────◇
              NO        CANDIDATE UAA
         ◄──────── MAIL PIECE USING IDENTIFICATION
                   OF DELIVERY POINT IN THE ENCODED
                            VALUE?        308
                        ◇────────┬───────◇
                                 │ YES
                 ┌───────────────▼──────────────────┐
                 │ RETRIEVE A NAME OF THE RECIPIENT OF THE MAIL │   310
                 │ PIECE USING THE IDENTIFICATION OF THE RECIPIENT │
                 │   OF THE MAIL PIECE IN THE ENCODED VALUE   │
                 └───────────────┬──────────────────┘
                                 │
                 ┌───────────────▼──────────────────┐
                 │ RETRIEVE A RETURN ADDRESS OF THE SENDER OF │   311
                 │ THE MAIL PIECE USING THE IDENTIFICATION OF THE │
                 │   SENDER IN THE ENCODED VALUE     │
                 └───────────────┬──────────────────┘
```

CANDIDATE UAA
MAIL PIECE CONFIRMED AS AN
ACTUAL UAA MAIL PIECE USING THE
NAME OF THE RECIPIENT?

NO   YES

312

DETERMINE FINAL DISPOSITION OF
THE ACTUAL UAA MAIL PIECE USING
THE IDENTIFICATION OF THE CLASS
AND ANY ENDORSEMENTS OF THE
MAIL PIECE THAT ARE IN THE
ENCODED VALUE

314

SORT MAIL PIECE AS A
NON-UAA MAIL PIECE   316

SORT UAA MAIL PIECE BASED
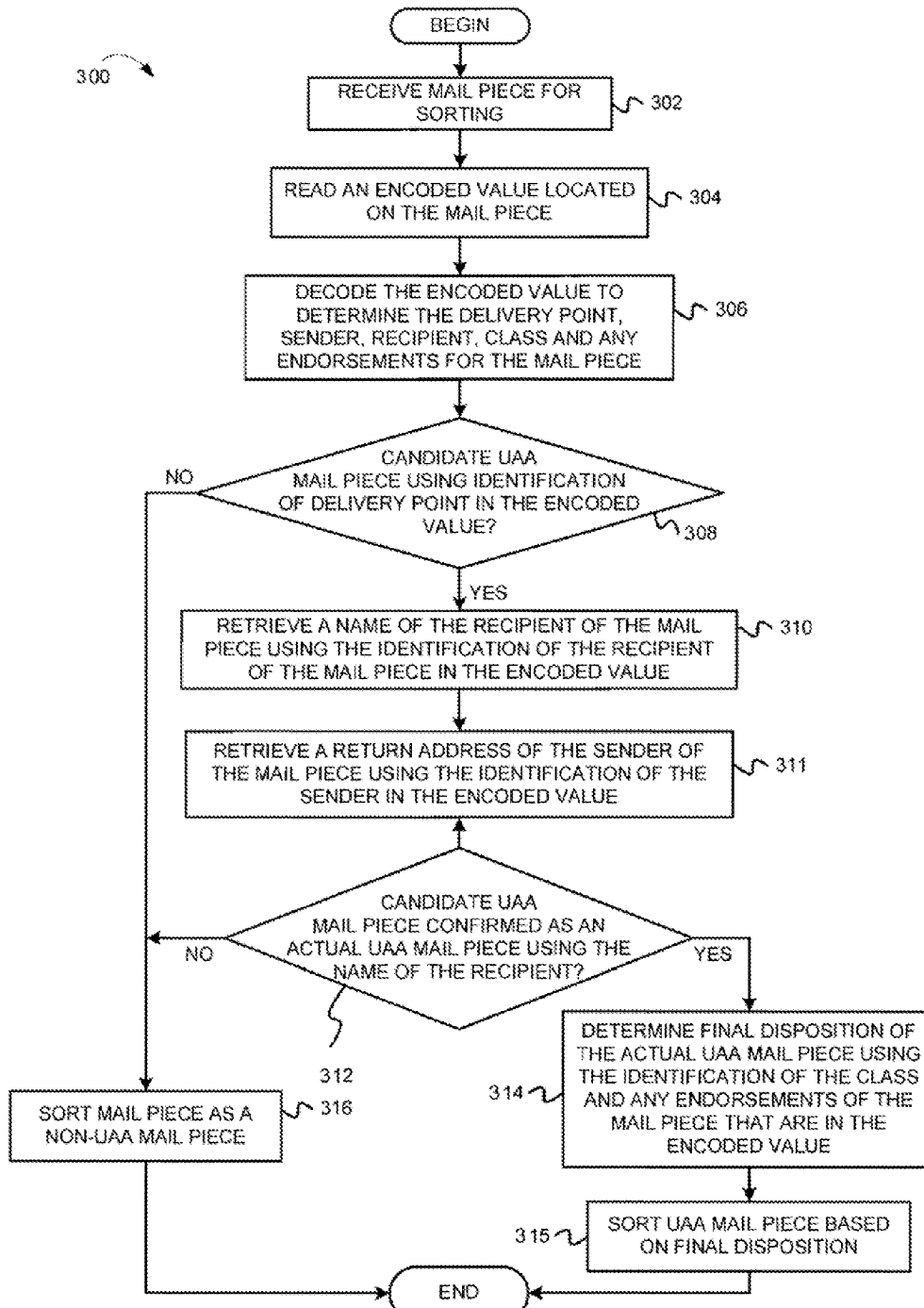ON FINAL DISPOSITION   315

END

FIG. 3

DOCKET ALARM

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