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Myers et al.

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(54) **METHOD AND SYSTEM FOR CONFIGURATION MANAGEMENT DATABASE SOFTWARE LICENSE COMPLIANCE**

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(51) **Int. Cl.**
G06F 21/00 (2013.01)

(52) **U.S. Cl.**
USPC **726/26**; 726/6; 726/10; 713/156; 713/157; 705/59

(58) **Field of Classification Search**
None
See application file for complete search history.

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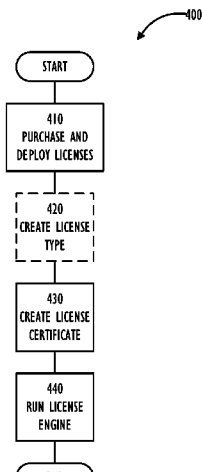BMC Remedy Asset Management 7.5.00 User's Guide, Jan. 2009, ©1996, 1998-1999, 2002-2006, 2009 BMC Software, Inc.

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Assistant Examiner — Jeremiah Avery

(57) **ABSTRACT**

A software license engine allows an enterprise to model software license contracts and evaluate deployment of software for compliance with the software license contracts. Deployment of software products in the enterprise is modeled in a configuration management database. The software license engine maintains a license database for connecting software license contracts with software deployment modeled by the configuration management database. Users of the software license engine may use license types that are predefined in the software license engine or may define custom license types. The software license engine may indicate compliance or non-compliance with the software license contracts.
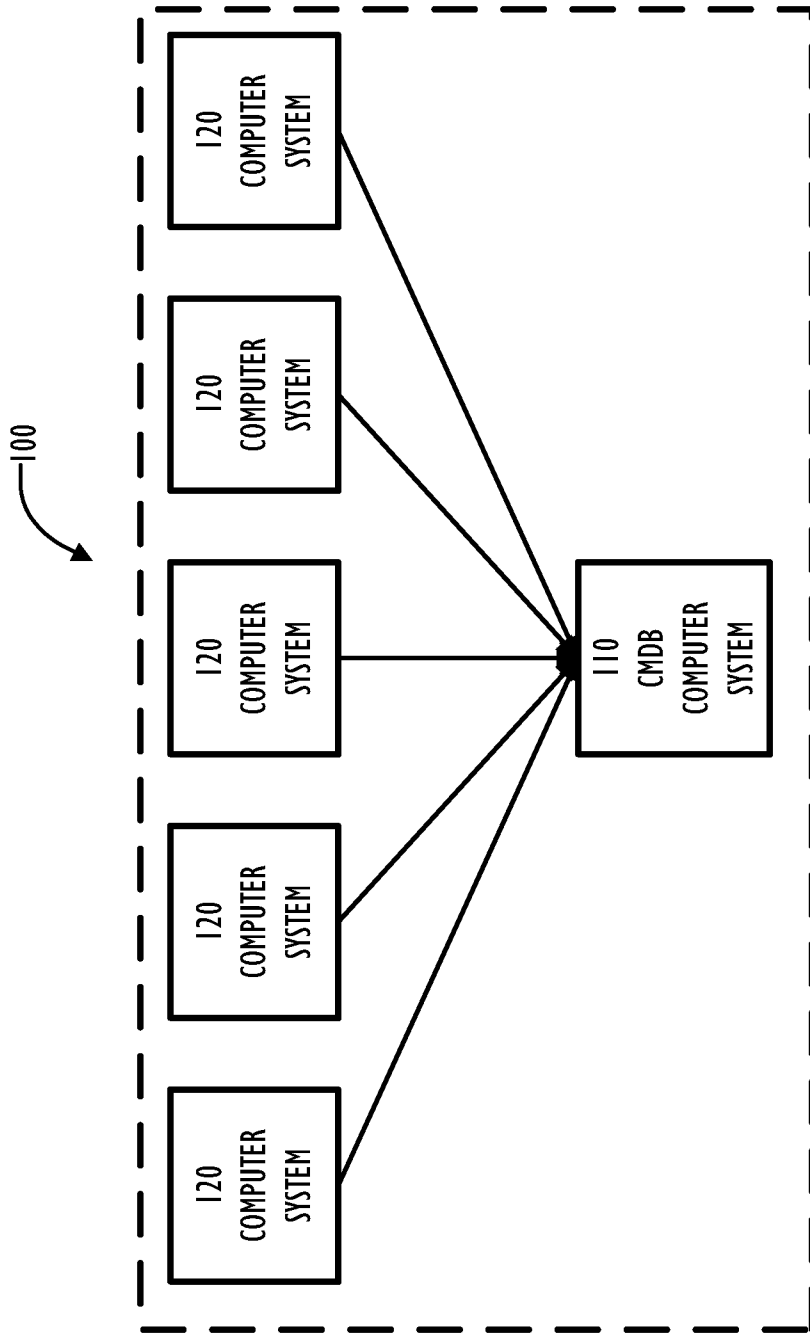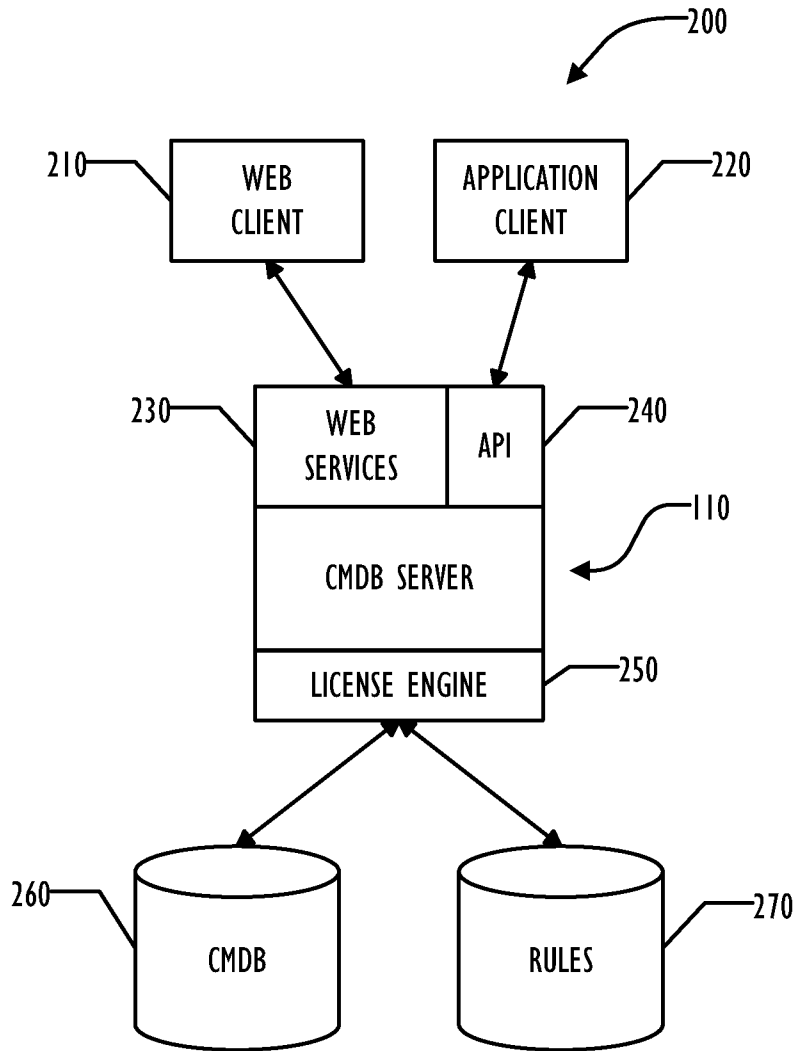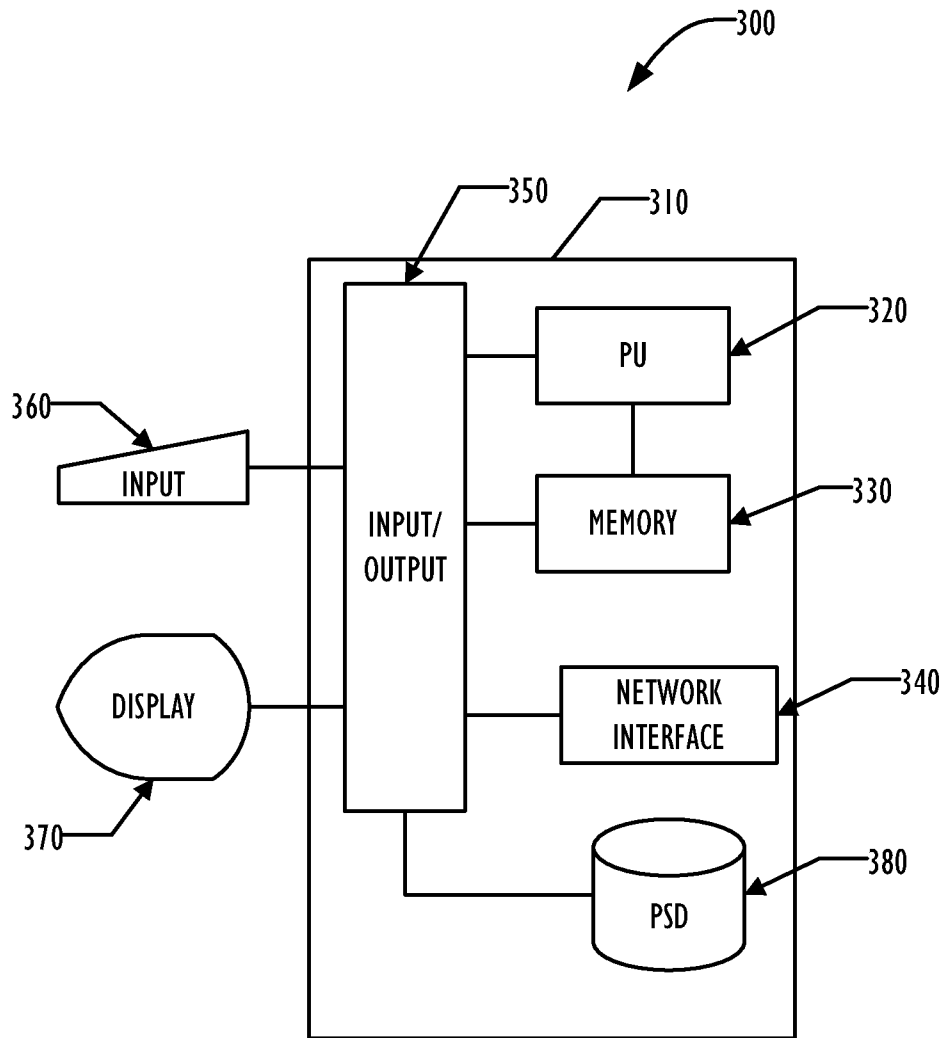
20 Claims, 15 Drawing Sheets

FIG. 1

FIG. 2

300

350   310

320

PU

360

INPUT

INPUT/
OUTPUT

MEMORY

330

DISPLAY

370

NETWORK
INTERFACE

340

PSD

380

FIG. 3

400

```
        ┌─────────────┐
        │    START    │
        └──────┬──────┘
               │
        ┌──────┴──────┐
        │     410     │
        │ PURCHASE AND│
        │DEPLOY LICENSES│
        └──────┬──────┘
               │
        ┌ ─ ─ ─┴─ ─ ─ ┐
        │     420     │
        │CREATE LICENSE│
        │     TYPE    │
        └ ─ ─ ─┬─ ─ ─ ┘
               │
        ┌──────┴──────┐
        │     430     │
        │CREATE LICENSE│
        │ CERTIFICATE │
        └──────┬──────┘
               │
        ┌──────┴──────┐
        │     440     │
        │ RUN LICENSE │
        │   ENGINE    │
        └──────┬──────┘
               │
        ┌──────┴──────┐
        │     END     │
        └─────────────┘
```
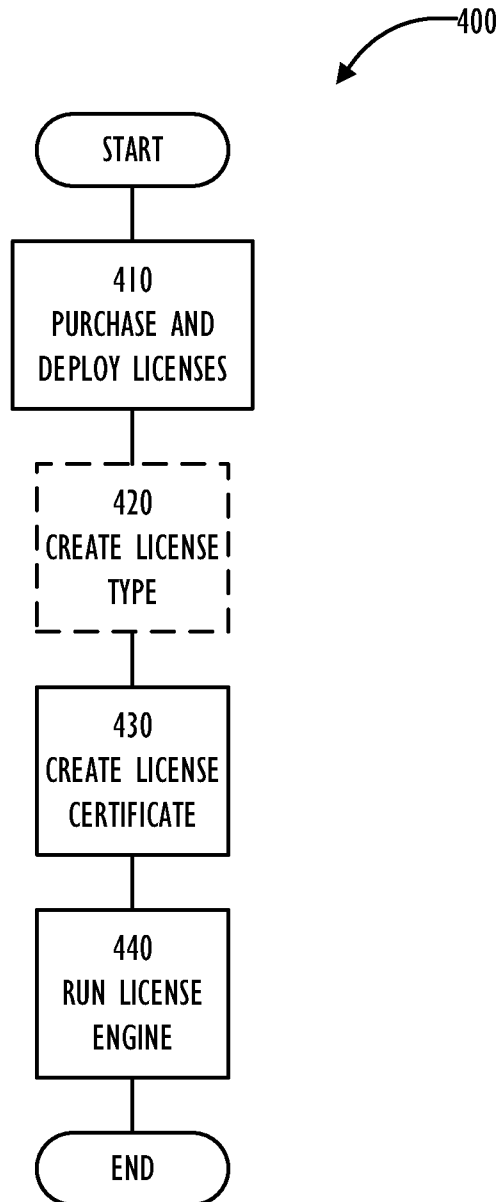
FIG. 4

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