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**Brodersen et al.**

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- (54) **ENHANCING MEDIA SYSTEM METADATA** 2002/0042923 A1\* 4/2002 Asmussen et al. .... 725/92
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- (75) **Inventors:** **Rainer Brodersen**, San Jose, CA (US);  
**Rachel Clare Goldeen**, Mountain View,  
CA (US); **Mihnea Calin Pacurariu**, Los  
Gatos, CA (US); **Jeffrey Ma**, Redwood  
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- (73) **Assignee:** **Apple Inc.**, Cupertino, CA (US) 2003/0149975 A1 8/2003 Eldering et al.
- (\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
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(51) **Int. Cl.**

**H04N 7/173** (2006.01)

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International Search Report and Written Opinion, PCT/US2007/076076; Dated Apr. 27, 2009.

(58) **Field of Classification Search** ..... **725/24,**  
**725/32, 37-61, 105-142, 19; 348/161, 526**  
See application file for complete search history.

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*Primary Examiner*—Scott Beliveau  
*Assistant Examiner*—Michael Telan  
(74) *Attorney, Agent, or Firm*—Fish & Richardson P.C.

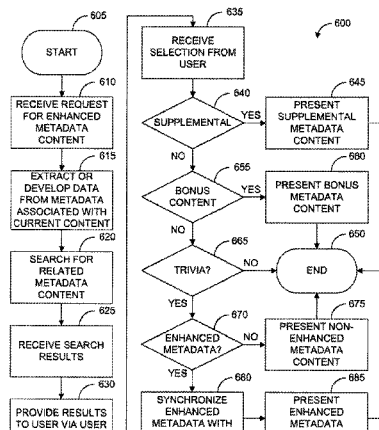
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(57) **ABSTRACT**

Systems and methods for providing enhanced metadata to a user. Systems and methods can include extraction of data from metadata and searching for related metadata based upon the the extracted data.

**28 Claims, 11 Drawing Sheets**



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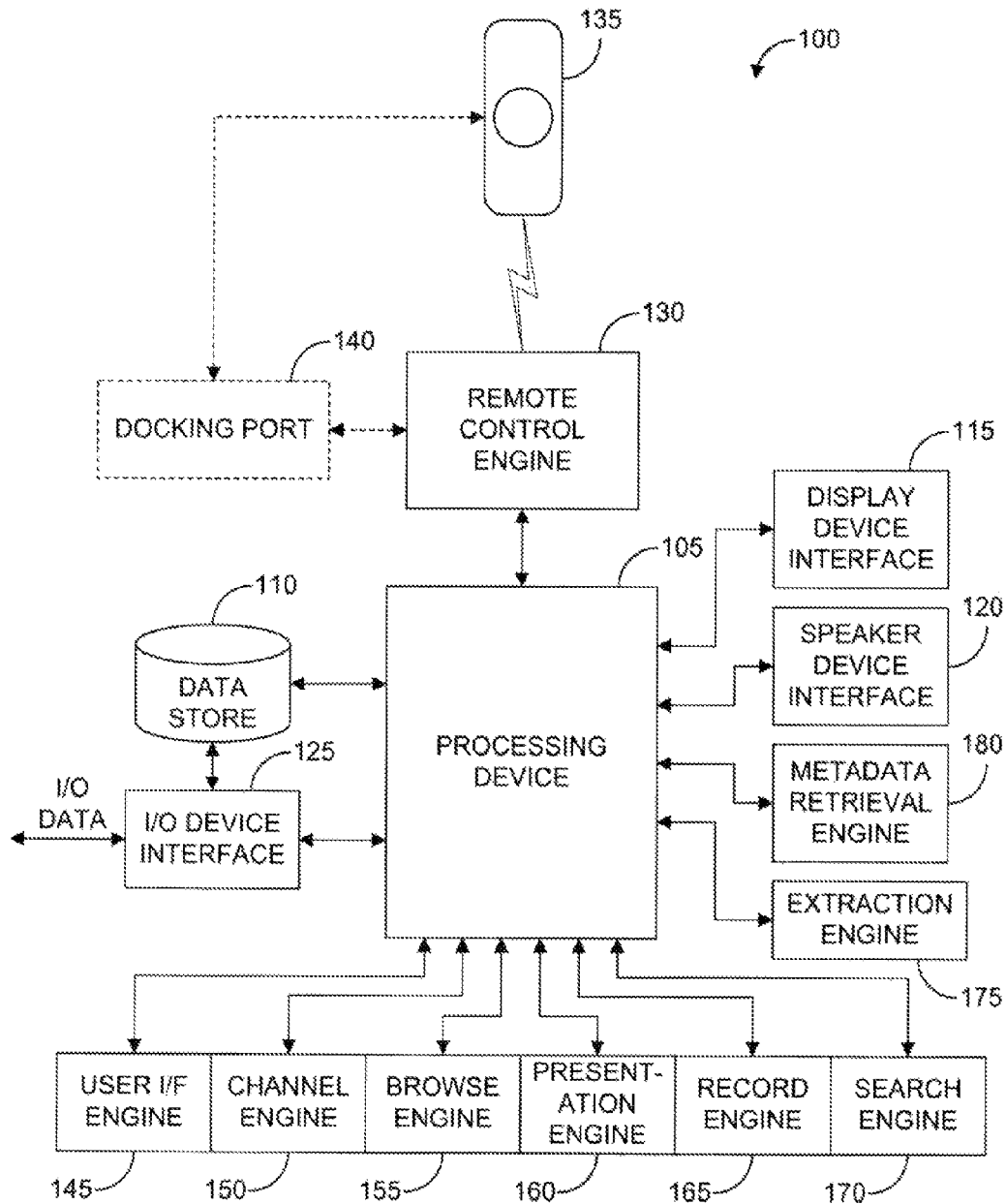


FIG. 1

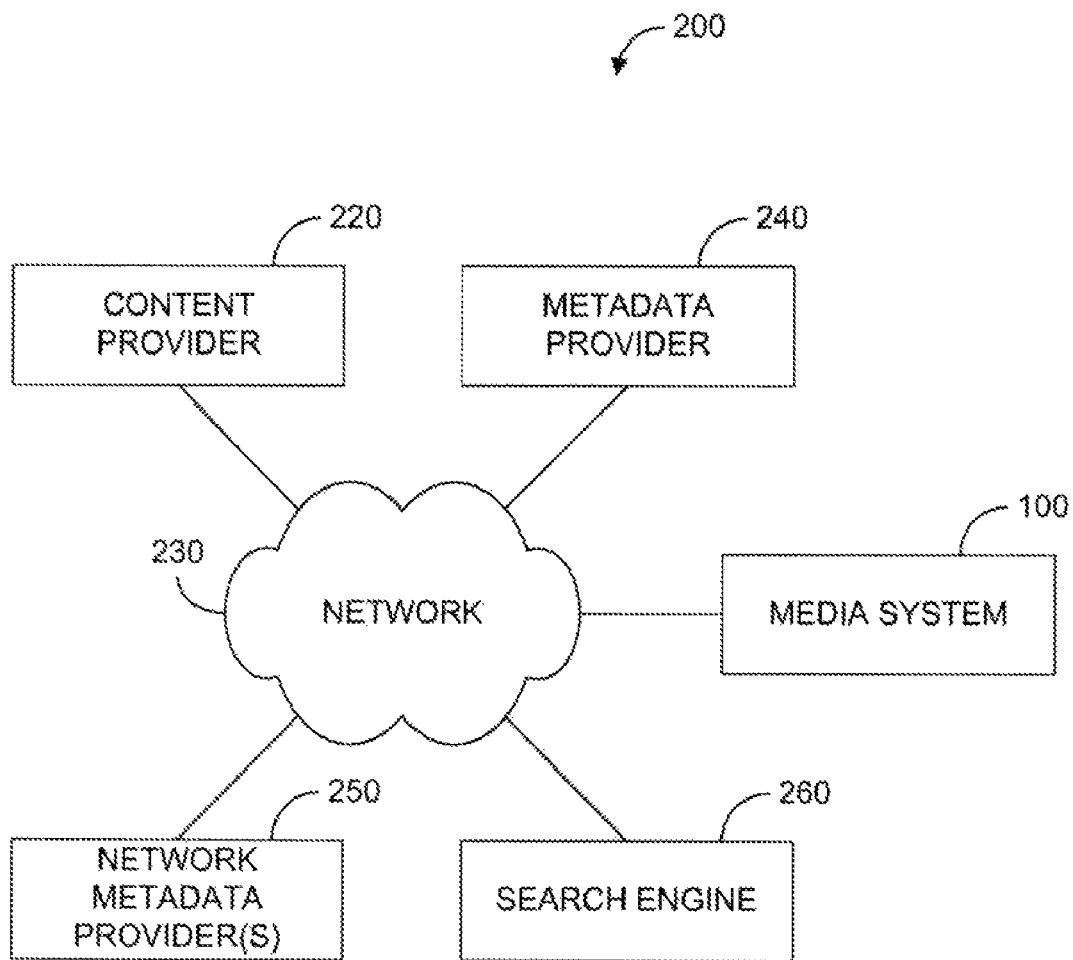


FIG. 2

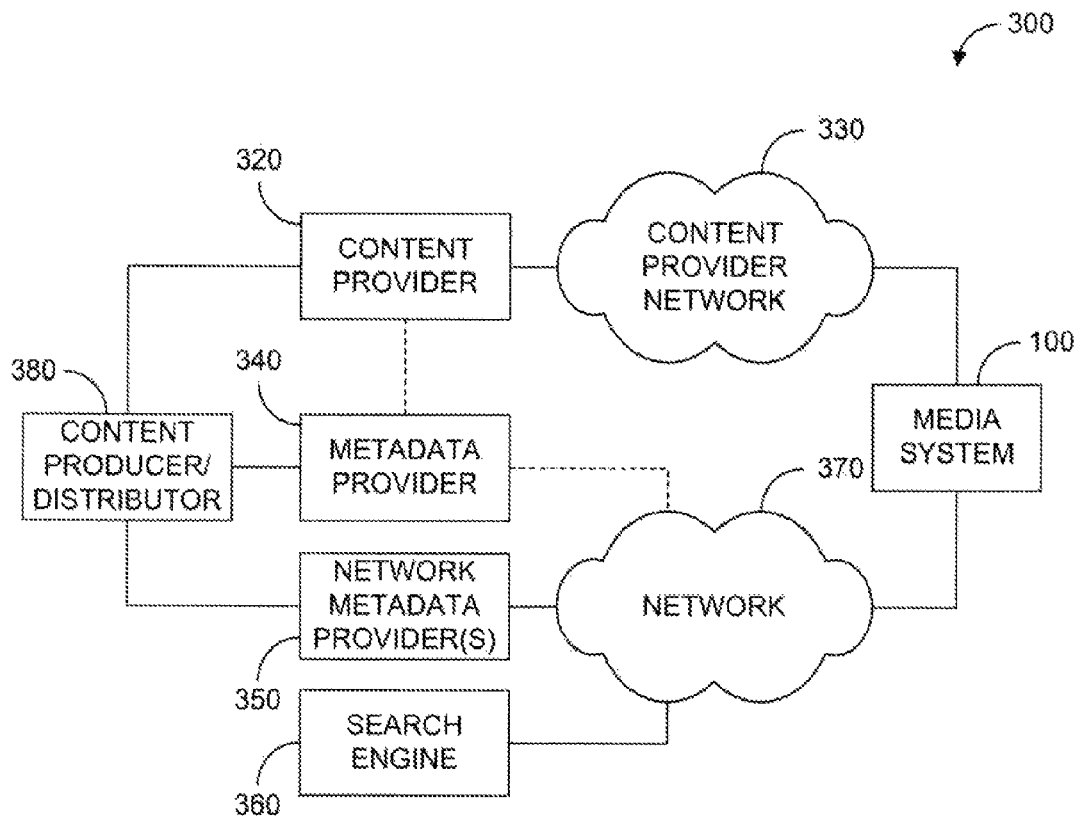


FIG. 3

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