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Law et al.

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(54) **TECHNIQUES FOR FINDING RELATED
HYPERLINKED DOCUMENTS USING LINK-
BASED ANALYSIS**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/544,733**

(22) Filed: **Apr. 6, 2000**

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1999.

(51) Int. Cl.⁷ **G06F 17/00**; **G06F 17/30**

(52) U.S. Cl. **715/501.1**; **715/514**; **715/513**;
707/3; **707/4**; **707/5**

(58) Field of Search **715/501.1**, **514**,
715/513; **707/4**, **5**, **3**

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(57) **ABSTRACT**

Techniques for finding related hyperlinked documents using
link-based analysis are provided. Backlink and forwardlink
sets can be utilized to find web pages that are related to a
selected web page. The scores for links from web pages that
are from the same host and links from web pages with
numerous links can be reduced to achieve a better list of
related web pages. The list of related web pages can be
utilized as a feature to a word-based search engine or an
addition to a web browser.

19 Claims, 14 Drawing Sheets

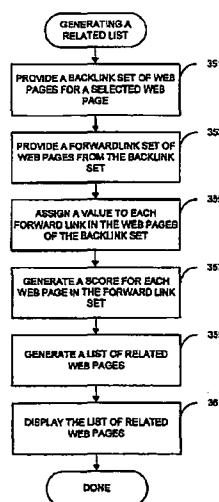


EXHIBIT 2107

Facebook, Inc. et al.

v.

Software Rights Archive LLC

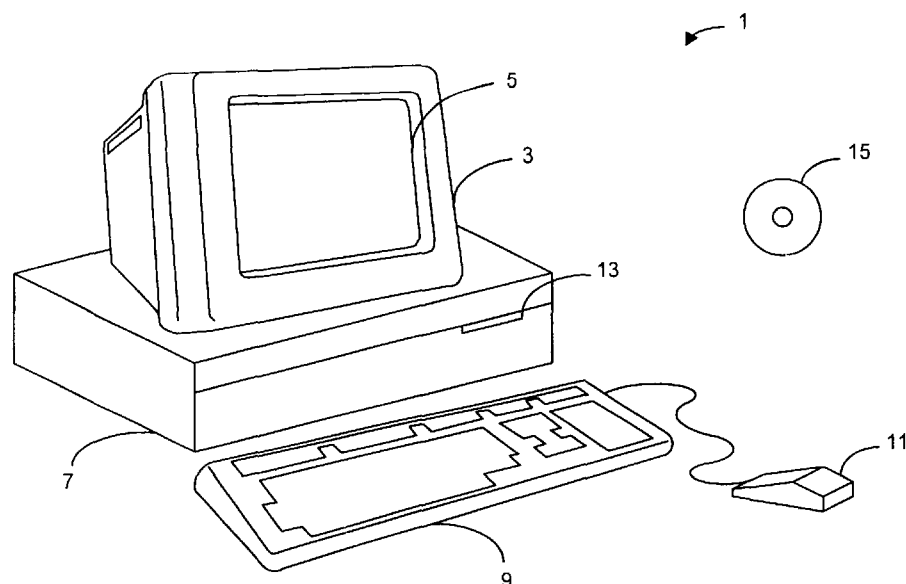


FIG. 1

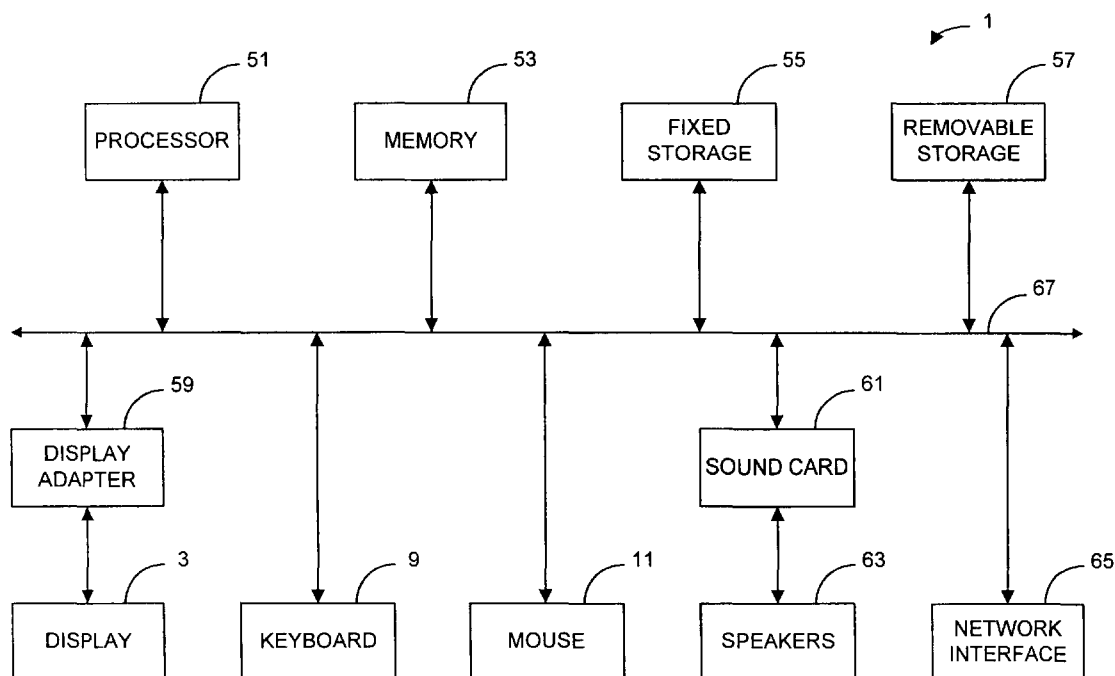


FIG. 2

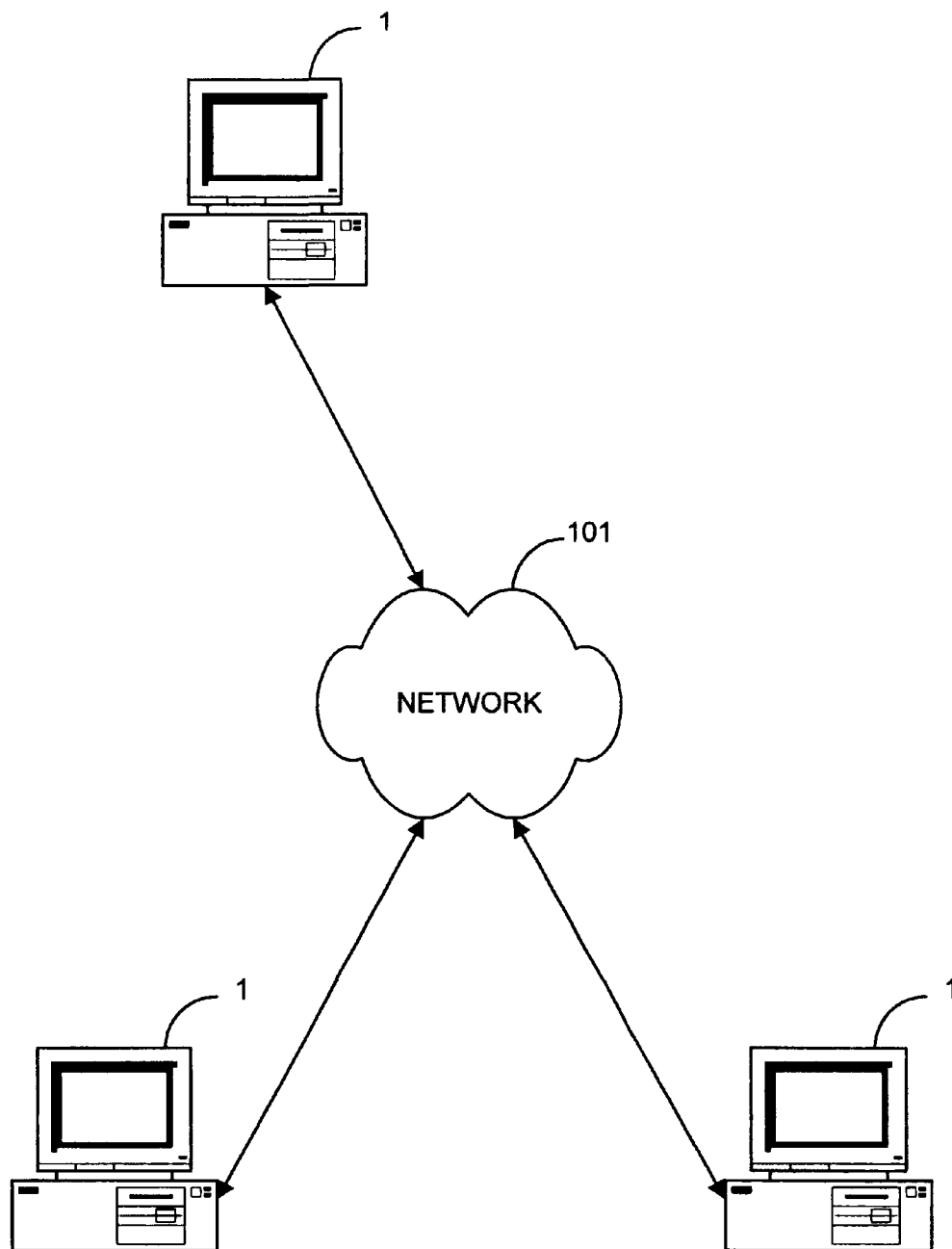


FIG. 3

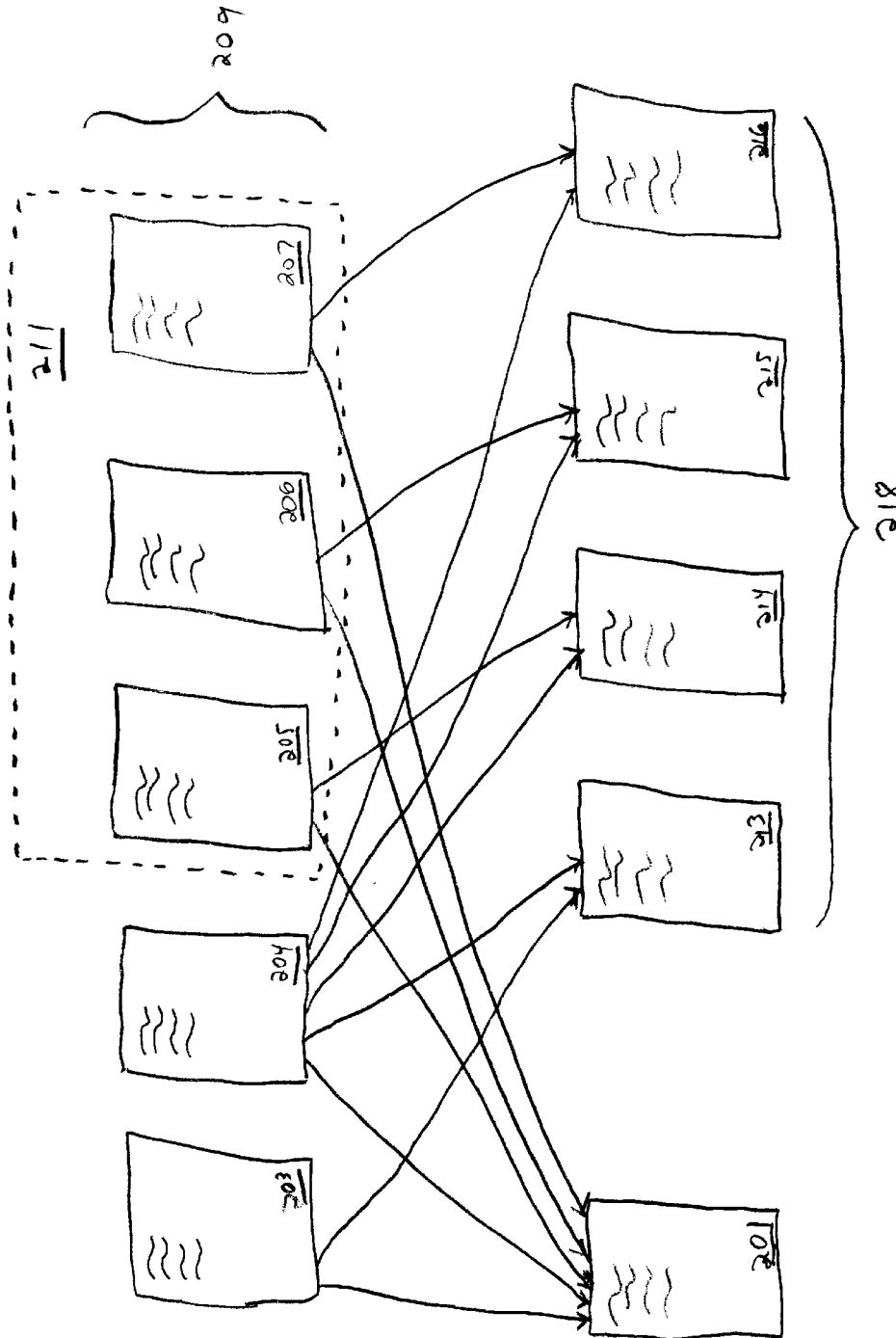


FIG. 4

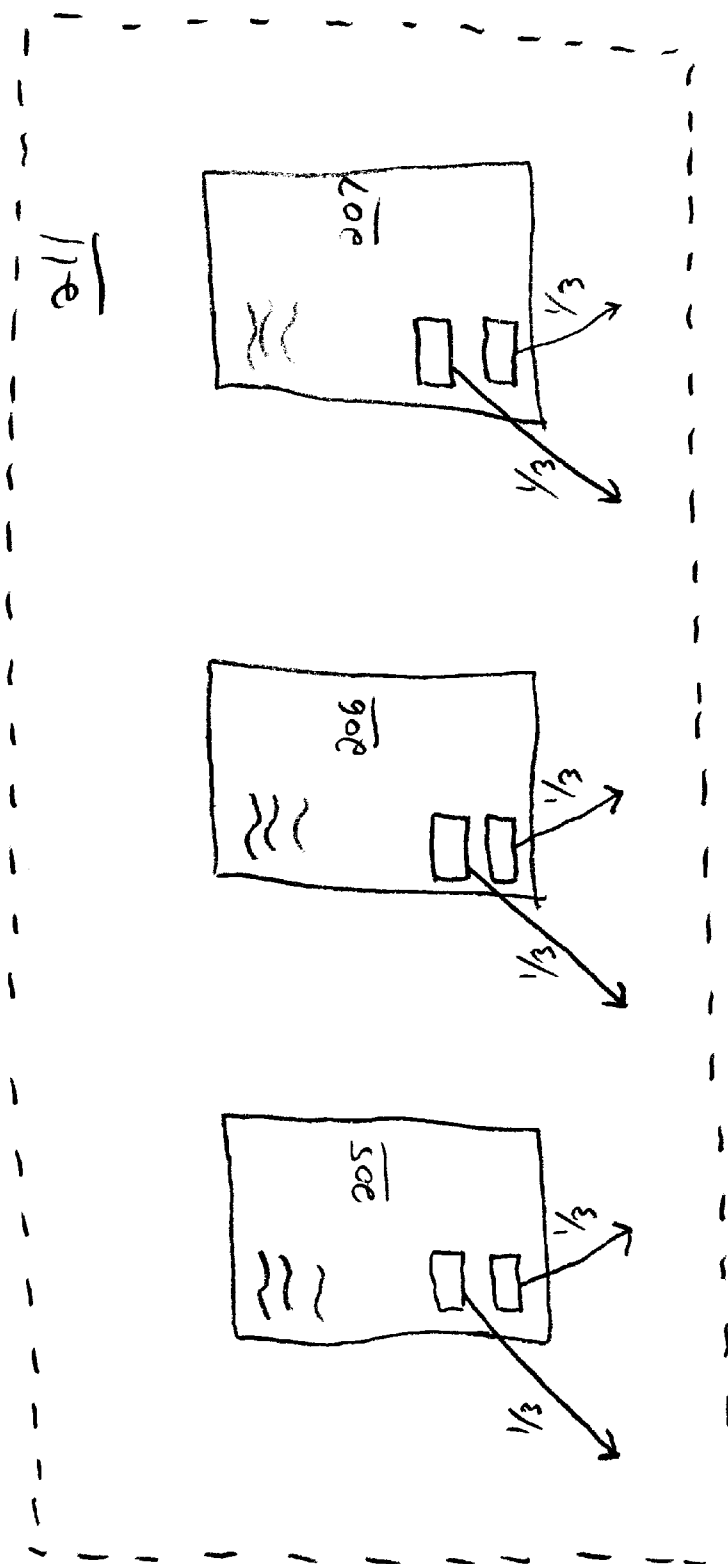


FIG. 5

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