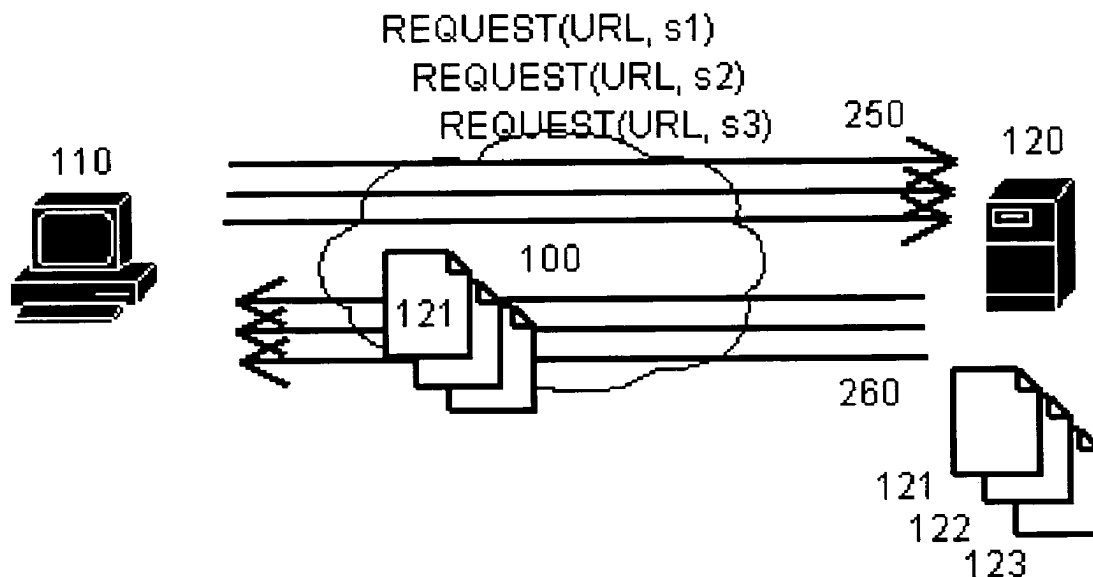




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**Glover**(10) **Pub. No.: US 2005/0125412 A1**(43) **Pub. Date: Jun. 9, 2005**(54) **WEB CRAWLING****Related U.S. Application Data**(75) Inventor: **Eric J. Glover**, North Brunswick, NJ  
(US)(60) Provisional application No. 60/528,071, filed on Dec.  
9, 2003.Correspondence Address:  
**NEC Laboratories America, Inc.**  
**4 Independence Way**  
**Princeton, NJ 08540 (US)****Publication Classification**(51) **Int. Cl.<sup>7</sup>** ..... **G06F 7/00**(52) **U.S. Cl.** ..... **707/10**(73) Assignee: **NEC Laboratories America, Inc.**, Prin-  
ceton, NJ(57) **ABSTRACT**The present invention is directed to mechanisms for improv-  
ing the "crawling" of resources on a network, which takes  
into account the notion of browser state. An improved  
indexing scheme for the crawled results and improved  
search mechanisms are also disclosed.(21) Appl. No.: **10/807,698**(22) Filed: **Mar. 24, 2004**Data Co Exhibit 1030  
Data Co v. Bright Data

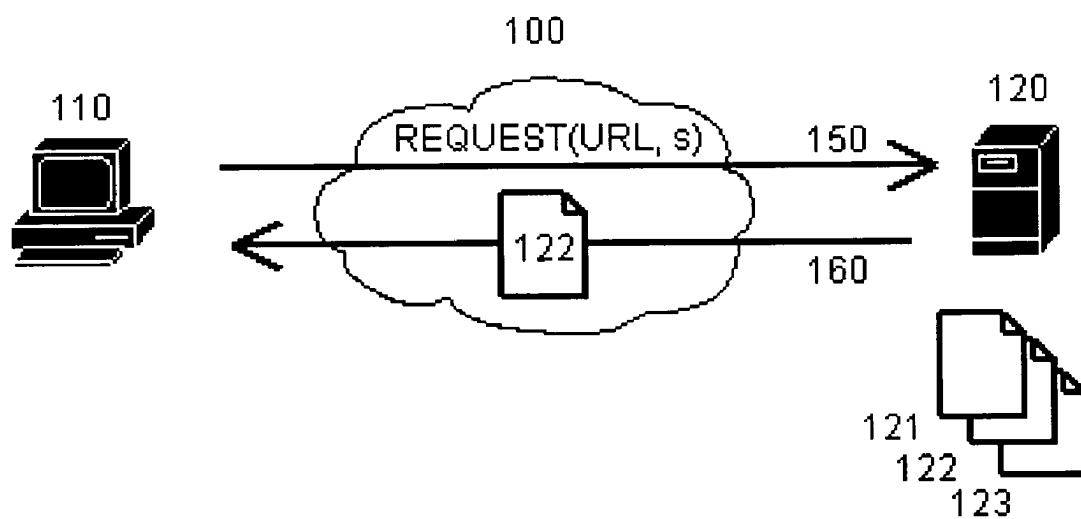
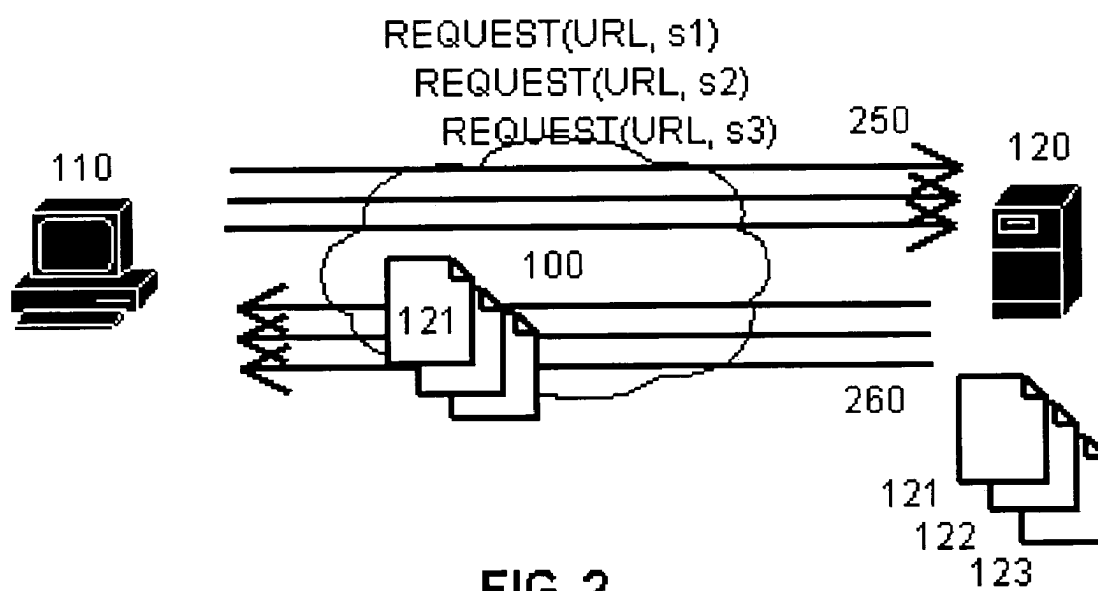


FIG. 1  
(PRIOR ART)



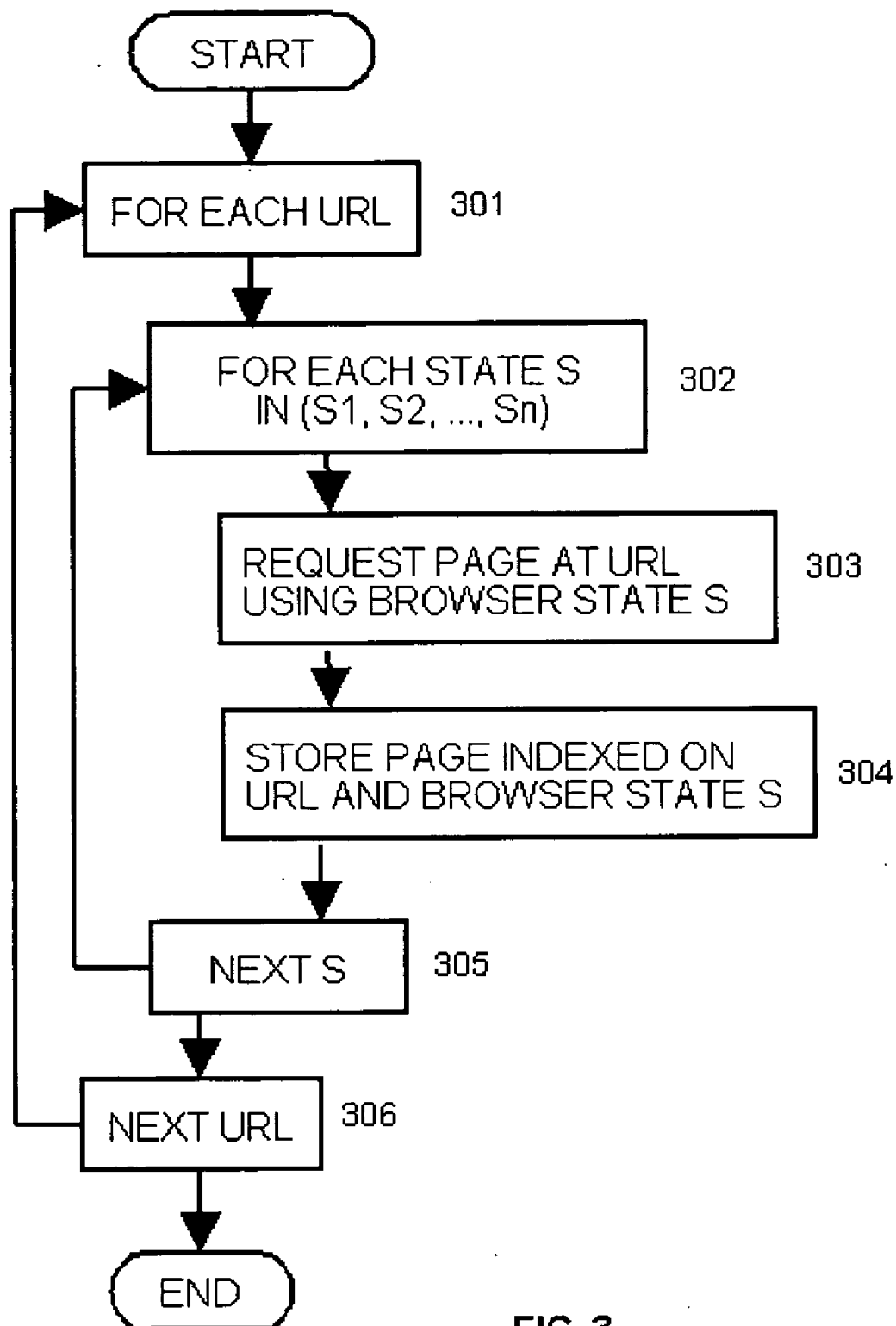


FIG. 3

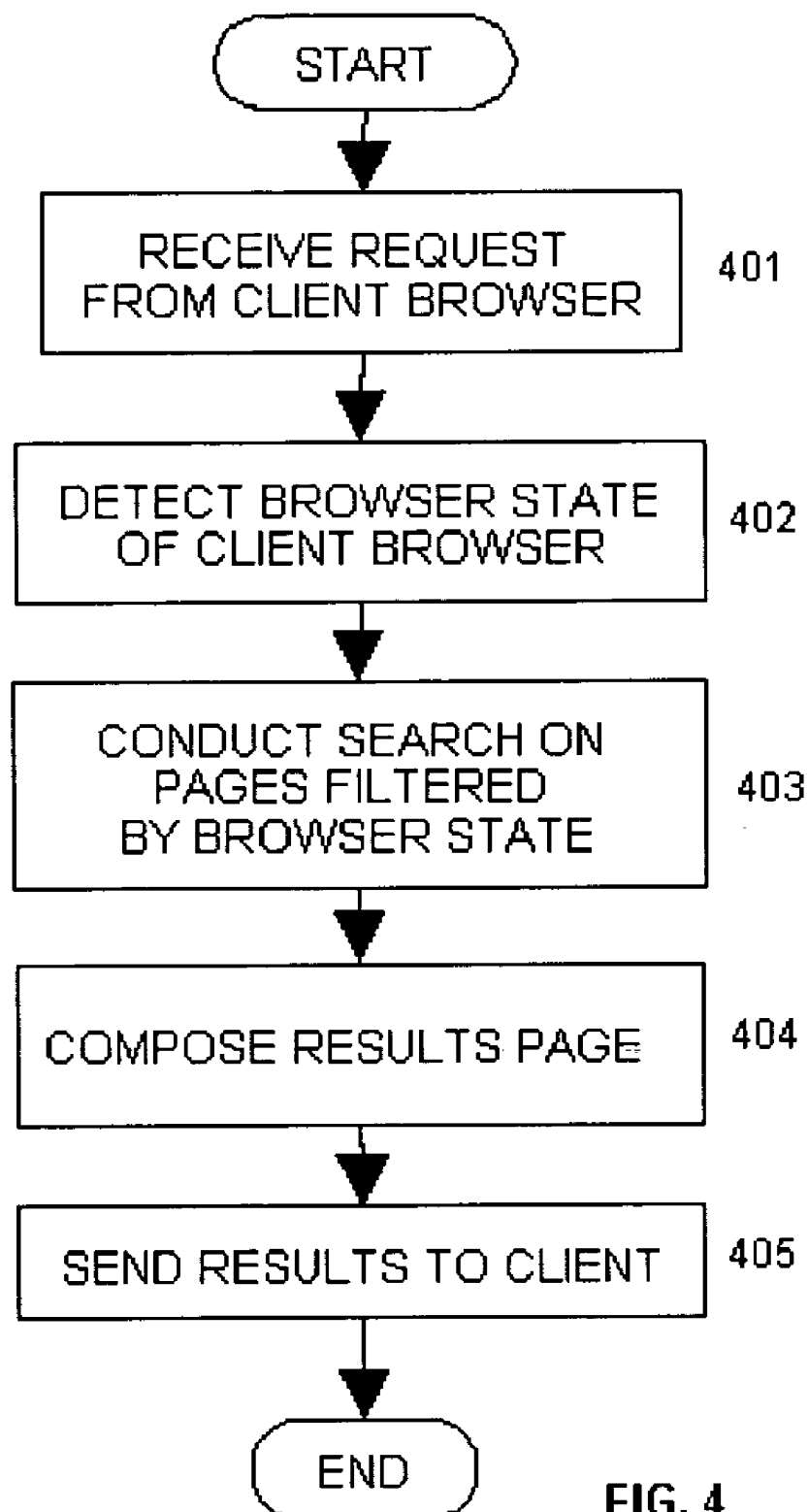


FIG. 4

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