1   **Thomas Patrick Yohe et al., U.S. Patent No. 5,835,943, "Apparatus and Metho**

2   **Increased Data Access in a Network File Oriented Caching System," issued Nov. 10, 1**
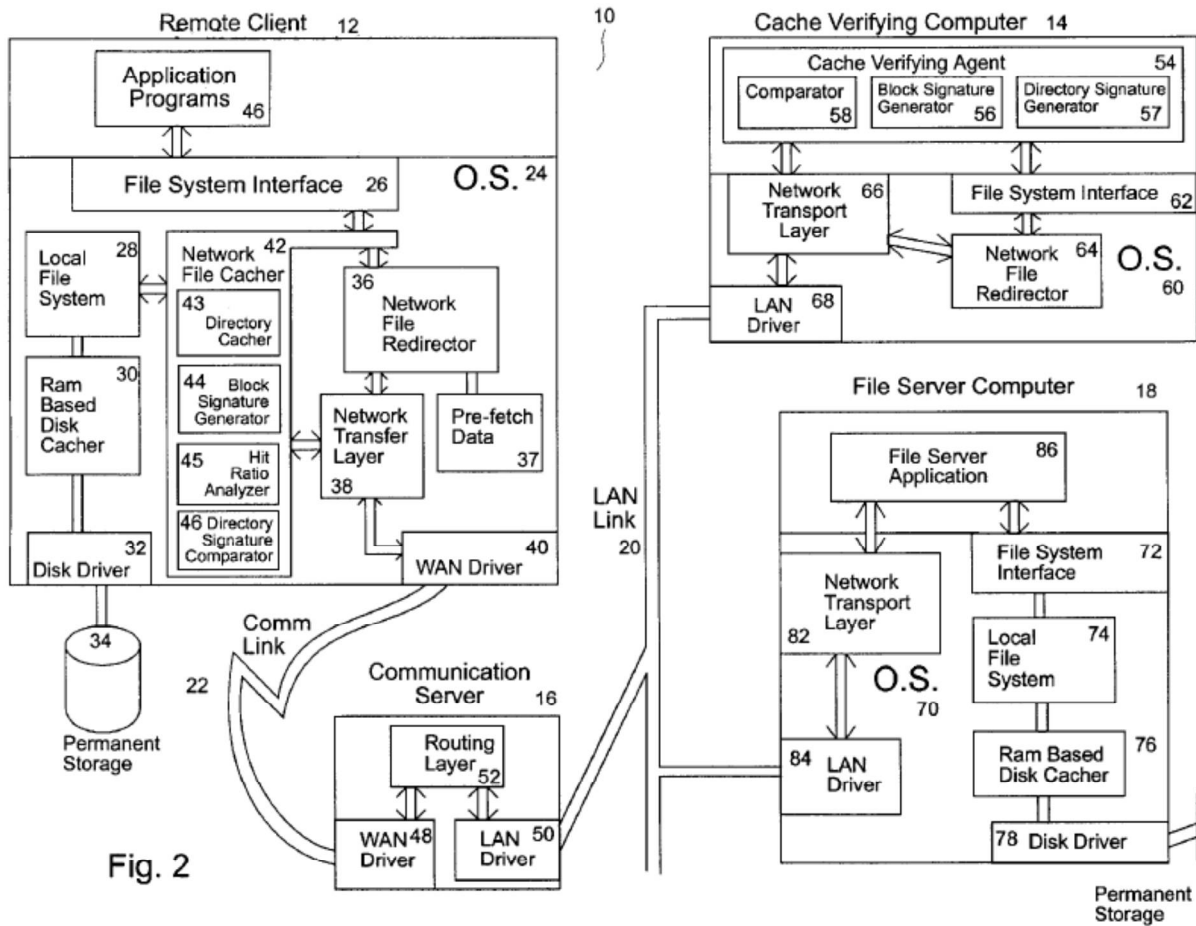
3
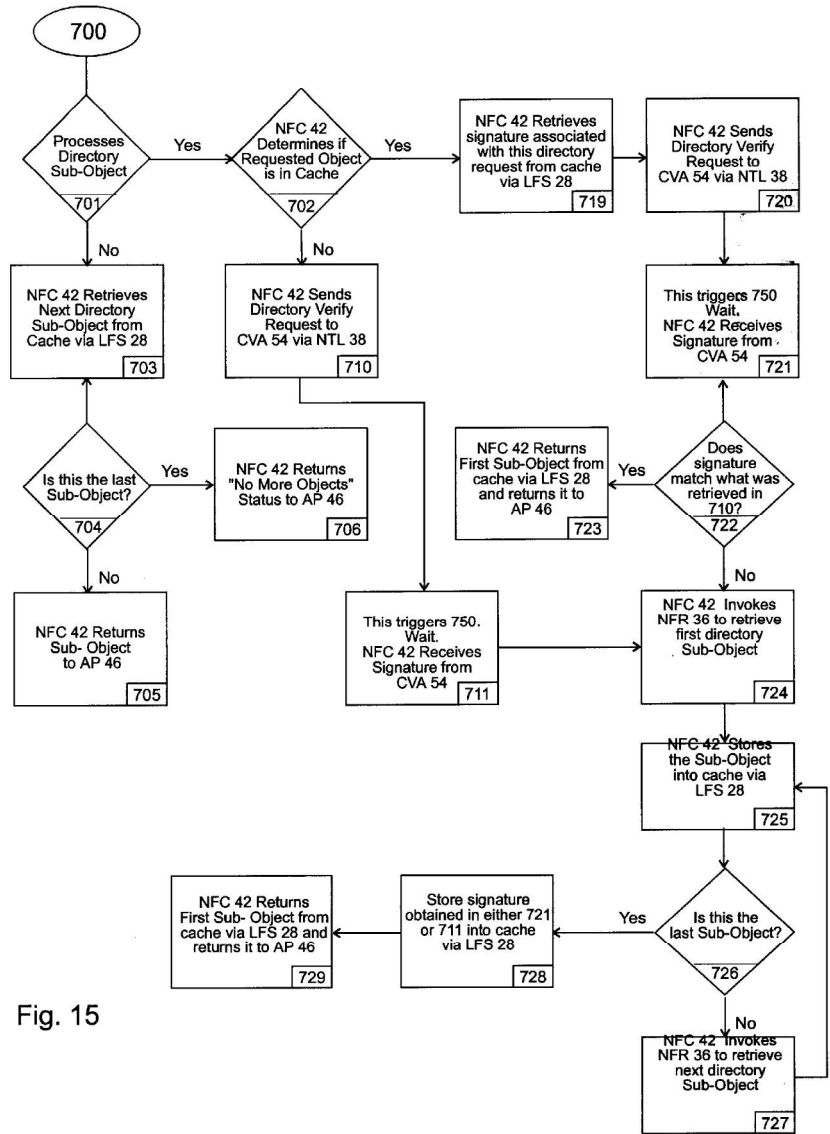
4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

Fig. 2

1

2

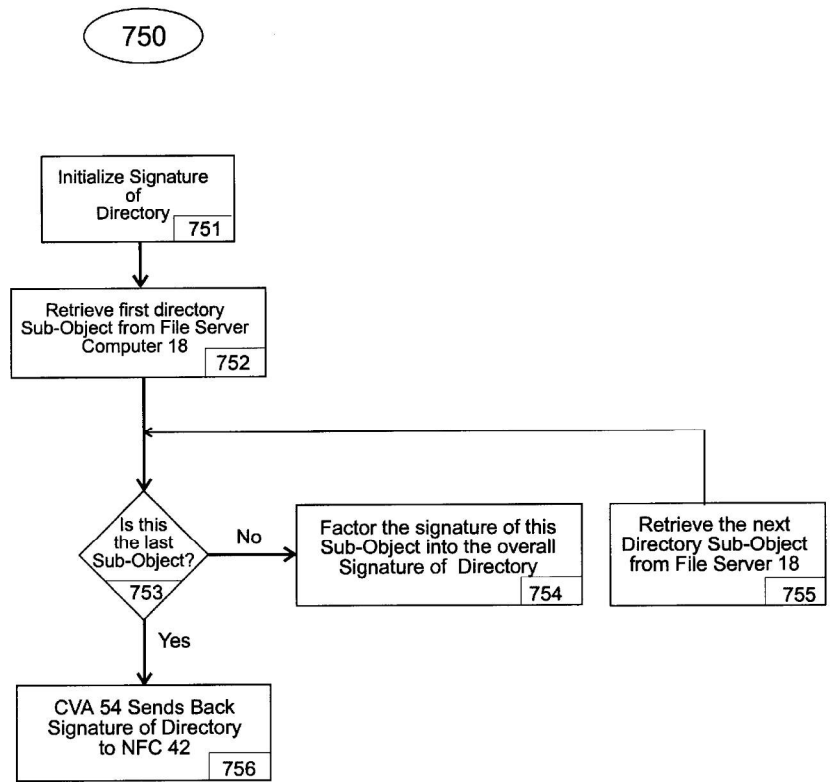3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

700

Processes Directory Sub-Object **701** — Yes →

NFC 42 Determines if Requested Object is in Cache **702** — Yes →

NFC 42 Retrieves signature associated with this directory request from cache via LFS 28 **719**

NFC 42 Sends Directory Verify Request to CVA 54 via NTL 38 **720**

No ↓ (from 701)

NFC 42 Retrieves Next Directory Sub-Object from Cache via LFS 28 **703**

No ↓ (from 702)

NFC 42 Sends Directory Verify Request to CVA 54 via NTL 38 **710**

This triggers 750 Wait. NFC 42 Receives Signature from CVA 54 **721**

Is this the last Sub-Object? **704** — Yes →

NFC 42 Returns "No More Objects" Status to AP 46 **706**

NFC 42 Returns First Sub-Object from cache via LFS 28 and returns it to AP 46 **723** — Yes ←

Does signature match what was retrieved in 710? **722**

No ↓ (from 704)

NFC 42 Returns Sub-Object to AP 46 **705**

This triggers 750. Wait. NFC 42 Receives Signature from CVA 54 **711**

No ↓ (from 722)

NFC 42 Invokes NFR 36 to retrieve first directory Sub-Object **724**

NFC 42 Stores the Sub-Object into cache via LFS 28 **725**

NFC 42 Returns First Sub-Object from cache via LFS 28 and returns it to AP 46 **729**

Store signature obtained in either 721 or 711 into cache via LFS 28 **728**

Is this the last Sub-Object? **726** — Yes ←

No ↓ (from 726)

NFC 42 Invokes NFR 36 to retrieve next directory Sub-Object **727**

Fig. 15

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

Fig. 16

Claim	Reference
Claim 1 as a Whole	Yohe discloses all of the elements and all of the functions of this they are arranged in the claim. See below. E.g.: "the present in to an apparatus for increased data access in a network, which inc computer having a permanent storage memory, a cache verifying operably connected to the file server computer in a manner to fo rapidly transferring data, the cache verifying computer having a system, a first memory and a processor with means for performi data stored in the permanent storage memory of the file server c produce a signature of the data characteristic of one of a file and remote client computer having an operating system, a first mem memory and a processor with means for performing an operation the cache memory to produce a signature of the data, a commun operably connected to the remote client computer to the cache v and the file server computer and comparators operably associate verifying computer and remote client computer for comparing th data with one another to determine whether the signature of data client is valid." ('943, 2:41-61).
1. A system for data access in a packet-switched network, comprising:	Yohe discloses "an apparatus for increased data access in a netw 42), such as the World Wide Web ('943, 4:23-27). Yohe disclos oriented caching system" ('943, title) which "increases the speed the form of files and directories are accessed." ('943, 1:12-15; s 21, 4:22-24, 5:45-50, 5:59-60, 6:22-23). On the client side of the network, Yohe discloses "a remote clier ('943, 2:51). On the server side of the network, Yohe discloses

Claim	Reference
	computer having a permanent storage memory, a cache verifying operably connected to the file server computer in a manner to fo rapidly transferring data." ('943, 2:43-46). Also, "a communica operably connected to the remote client computer to the cache v and the file server computer." ('943, 2:54-57, Fig. 2). (See also
(a) a sender/computer including	See above. Yohe discloses "a network computer system 10 havi remote client computer 12, cache verifying computer 14, commu and file server computer 18." ('943, 4:42-44). The sender comp comprise a Cache Verifying Computer, a File Server Computer, Communication Server. ('943, Fig. 2). "The cache verifying computer 14 includes a cache verifying ag having a BSG [(block signature generator)] 56 (of the type descr directory signature generator (DSG) 57 and a comparator 58." (Yohe discloses alternative embodiments wherein "the cache ver could reside as part of the communication server 16 or as a stand with its own memory and operating system." ('943 patent, 5:33 '943, claim 1).
(i) an operating unit,	See above. While the '717 patent does not define the meaning o the '717 does not describe anything reasonably called an "opera not also disclosed in this reference. Yohe discloses that the cache verifying computer includes "an o ('943, 2:46-47). The cache verifying computer includes "an OS system)] 60 having an FSI [(file system interface)] 62 operativel

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

fastcase®
Smarter legal research.