



US008175978B2

(12) **United States Patent**  
**Endoh**

(10) **Patent No.:** **US 8,175,978 B2**  
(45) **Date of Patent:** **May 8, 2012**

(54) **MANAGING THE ALLOWED USAGE AMOUNT OF A PROGRAM USING LICENSE INFORMATION**

5,629,980 A \* 5/1997 Stefik et al. .... 705/54  
(Continued)

**FOREIGN PATENT DOCUMENTS**

(75) Inventor: **Tomoaki Endoh**, Chiba-ken (JP)

JP 8-76994 3/1996

(73) Assignee: **Canon Kabushiki Kaisha**, Tokyo (JP)

(Continued)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1391 days.

**OTHER PUBLICATIONS**

"Error Message—Another version is already installed—Can't Install", posting to the microsoft.public.office.setup Usenet group from Jan. 26, 2002.\*

(Continued)

(21) Appl. No.: **10/527,909**

(22) PCT Filed: **Oct. 6, 2003**

(86) PCT No.: **PCT/JP03/12772**

§ 371 (c)(1),  
(2), (4) Date: **Mar. 14, 2005**

*Primary Examiner* — James A Reagan

(74) *Attorney, Agent, or Firm* — Fitzpatrick, Cella, Harper & Scinto

(87) PCT Pub. No.: **WO2004/036409**

PCT Pub. Date: **Apr. 29, 2004**

(57) **ABSTRACT**

A management method is disclosed for managing license information indicating an allowed amount of usage of a program executable on a peripheral device or a function provided by the peripheral device. The method includes the steps of acquiring, from the outside, license identification information for identifying license information, and license information indicating an amount of a change in right of usage of the program, managing license identification information corresponding to license information that has already been installed, determining whether license identification information corresponding to license information is included in license identification information managed in the management step, and performing operation such that if it is determined in the determination step that the license identification information corresponding to the license information is included in the license identification information managed in the management step, changing the value of the already installed right of usage of the program by an amount equal to a change in the right of usage of the program.

(65) **Prior Publication Data**

US 2006/0026105 A1 Feb. 2, 2006

(30) **Foreign Application Priority Data**

Oct. 15, 2002 (JP) ..... 2002-300409

(51) **Int. Cl.**  
**G06F 21/00** (2006.01)

(52) **U.S. Cl.** ..... **705/59; 705/50; 705/51; 705/57;**  
**705/901; 705/902; 705/904; 705/911; 726/3;**  
**726/4; 726/17**

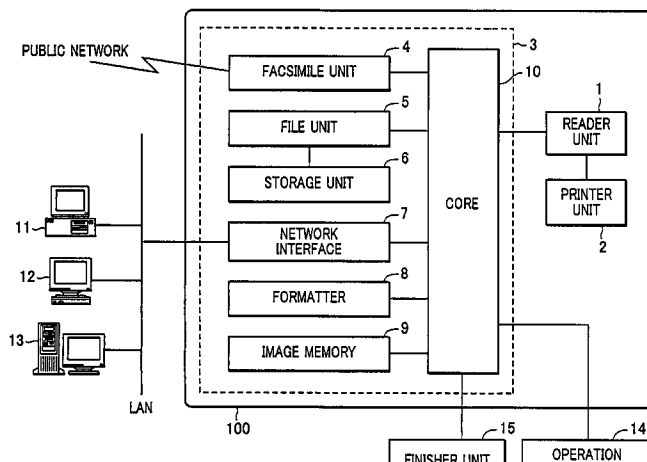
(58) **Field of Classification Search** ..... **705/59**  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,260,999 A \* 11/1993 Wyman ..... 705/59

**11 Claims, 38 Drawing Sheets**



U.S. PATENT DOCUMENTS

5,758,068	A *	5/1998	Brandt et al. ....	726/27
5,956,505	A *	9/1999	Manduley .....	713/1
6,512,894	B2 *	1/2003	Takemoto et al. ....	399/12
7,127,069	B2 *	10/2006	Nguyen .....	380/278
7,222,104	B2 *	5/2007	Tadayon et al. ....	705/54
7,236,958	B2 *	6/2007	Wong et al. ....	705/59
2001/0034846	A1 *	10/2001	Beery .....	713/201
2002/0007456	A1 *	1/2002	Peinado et al. ....	713/164
2002/0051164	A1	5/2002	Watanabe et al. ....	358/1.13
2002/0100036	A1 *	7/2002	Moshir et al. ....	717/173
2003/0028454	A1 *	2/2003	Ooho et al. ....	705/32
2003/0088516	A1 *	5/2003	Remer et al. ....	705/59
2003/0156719	A1 *	8/2003	Cronce .....	380/256
2005/0060334	A1 *	3/2005	Kawamoto et al. ....	707/102
2007/0107067	A1 *	5/2007	Fountian .....	726/33

FOREIGN PATENT DOCUMENTS

JP	2000-330784	11/2000
JP	2001-92779	4/2001
JP	2002-108475	4/2002

JP	2002-117157	4/2002
JP	2002-132370	5/2002
JP	2003-244354	8/2003
KR	20010092195	10/2001
KR	20020070689	9/2002

OTHER PUBLICATIONS

Internet Archive Wayback Machine's Archive of "Adobe InDesign 1.5", archived on Sep. 17, 2001, available at <<http://web.archive.org/web/20010917235454/www.adobe.com/products/indesign/main.html>>.\*

"How do I prevent reinstallation of expired shareware?" Posting from alt.comp.shareware.programmer, thread started Aug. 1, 1997. Available at <[http://groups.google.com/group/alt.comp.shareware.programmer/browse\\_thread/thread/be4023c9419fb5cf](http://groups.google.com/group/alt.comp.shareware.programmer/browse_thread/thread/be4023c9419fb5cf)>.\*

Search Report, dated Feb. 18, 2008, in EP 03 74 8722.  
European Search Report dated Feb. 19, 2008 issued during prosecution of related European application No. 03748722.0.

\* cited by examiner

FIG. 1

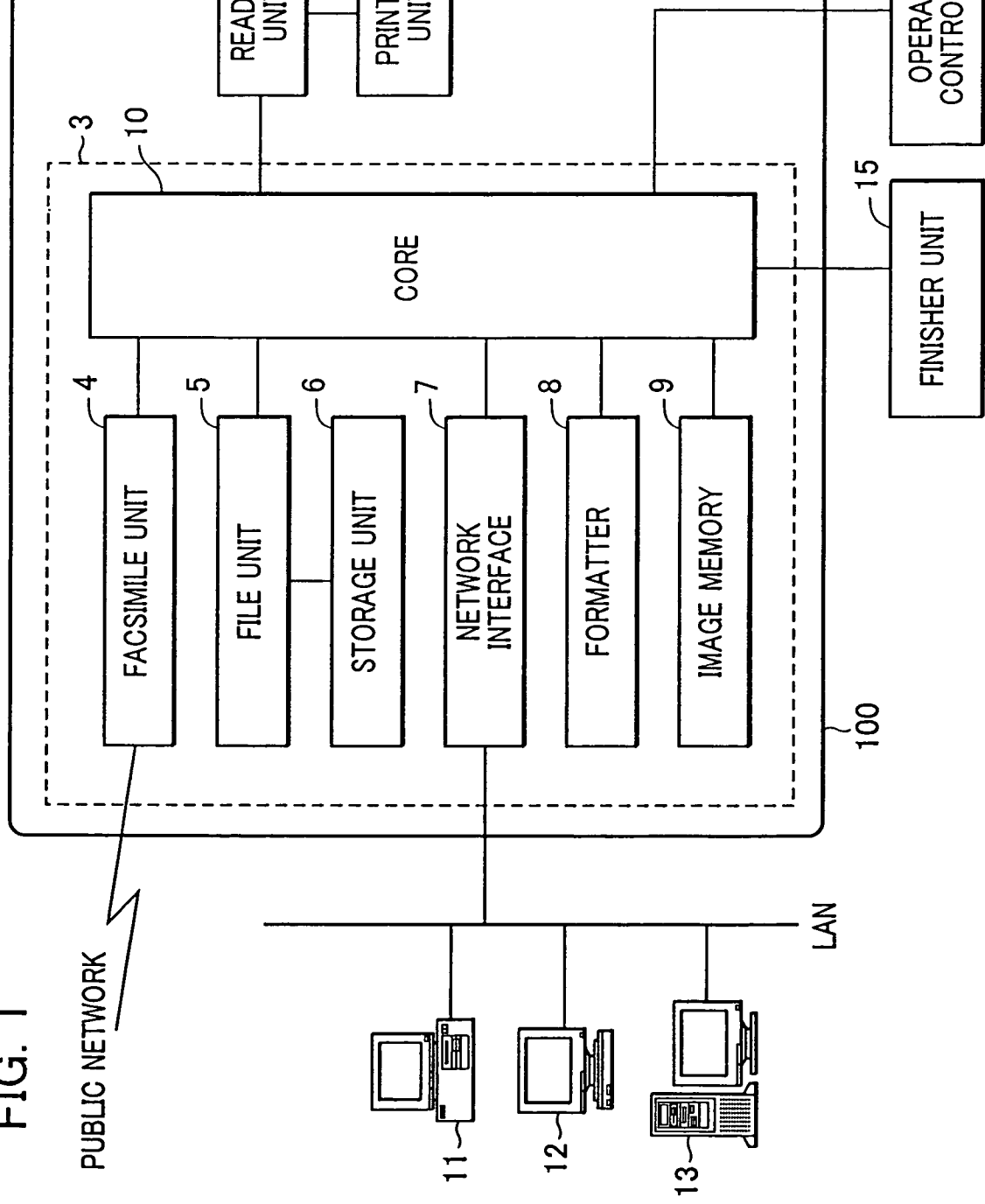


FIG. 2

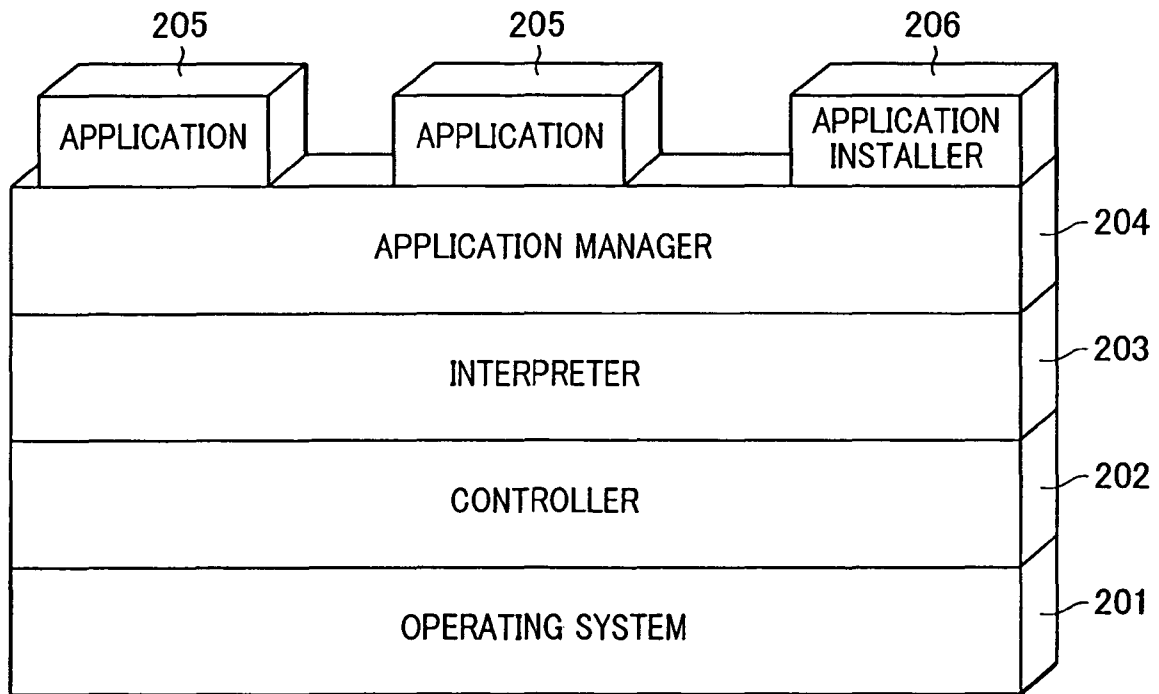
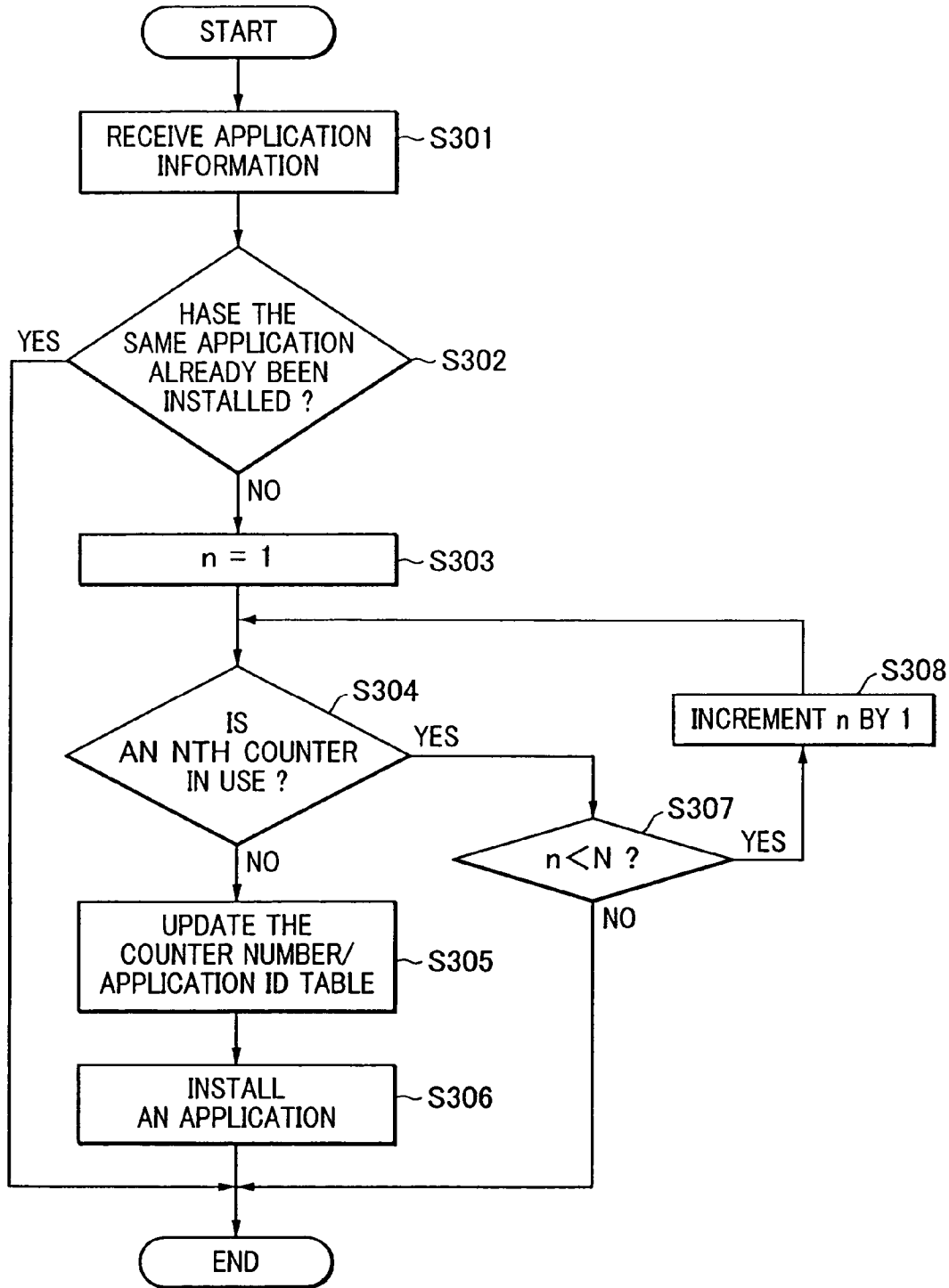


FIG. 3



# 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.