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United States Patent [19]

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Matsumoto

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- [54] **FACSIMILE APPARATUS USING A SMALL COMPUTER SYSTEM INTERFACE**
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- [73] Assignee: **Canon Kabushiki Kaisha, Tokyo, Japan**

4,907,094	3/1990	Mishima et al.	358/437
5,010,581	4/1991	Kanno	382/56
5,021,892	6/1991	Kita et al.	358/468
5,163,088	11/1992	LoCascio	358/442
5,196,943	3/1993	Hersee et al.	379/100
5,270,833	12/1993	Kubokawa et al.	379/100

- [21] Appl. No.: **337,234**
- [22] Filed: **Nov. 4, 1994**

Related U.S. Application Data

- [63] Continuation of Ser. No. 889,199, May 28, 1992, abandoned.

Foreign Application Priority Data

- Jun. 5, 1991 [JP] Japan 3-134076
- [51] Int. Cl.⁶ **H04N 1/32; H04N 1/40**
- [52] U.S. Cl. **358/442; 358/403; 358/404; 358/444; 358/468**
- [58] Field of Search 358/403-405, 358/434-436, 441, 442, 444, 468, 448, 500, 527, 400, 443; 379/100 R; H04N 1/42, 1/21, 1/00, 1/40, 1/32

References Cited

U.S. PATENT DOCUMENTS

3,920,896	11/1975	Bishop et al.	178/26 R
4,652,933	3/1987	Kashiishi	358/256
4,786,974	11/1988	Ina	358/257

FOREIGN PATENT DOCUMENTS

3306520	9/1983	Germany .
2166620	5/1986	United Kingdom .

Primary Examiner—John K. Peng
Assistant Examiner—John W. Miller
Attorney, Agent, or Firm—Fitzpatrick, Cella, Harper & Scinto

[57] ABSTRACT

A facsimile apparatus having a scanner for reading original images, a memory for storing images, a printer for recording images, and a communication control section for controlling the transmission/reception of data with a receiving communication apparatus is connected to a host computer via a small computer system interface (SCSI). As a result, the scanner, the memory, the printer and the communication control apparatus provided in the facsimile apparatus can be controlled from the host computer. Data can be transferred between the host computer and the facsimile apparatus at a higher speed, and the scanner, the memory, the printer and the communication control apparatus can be effectively controlled from the host computer. Thus, various kinds of applications can be realized.

68 Claims, 29 Drawing Sheets

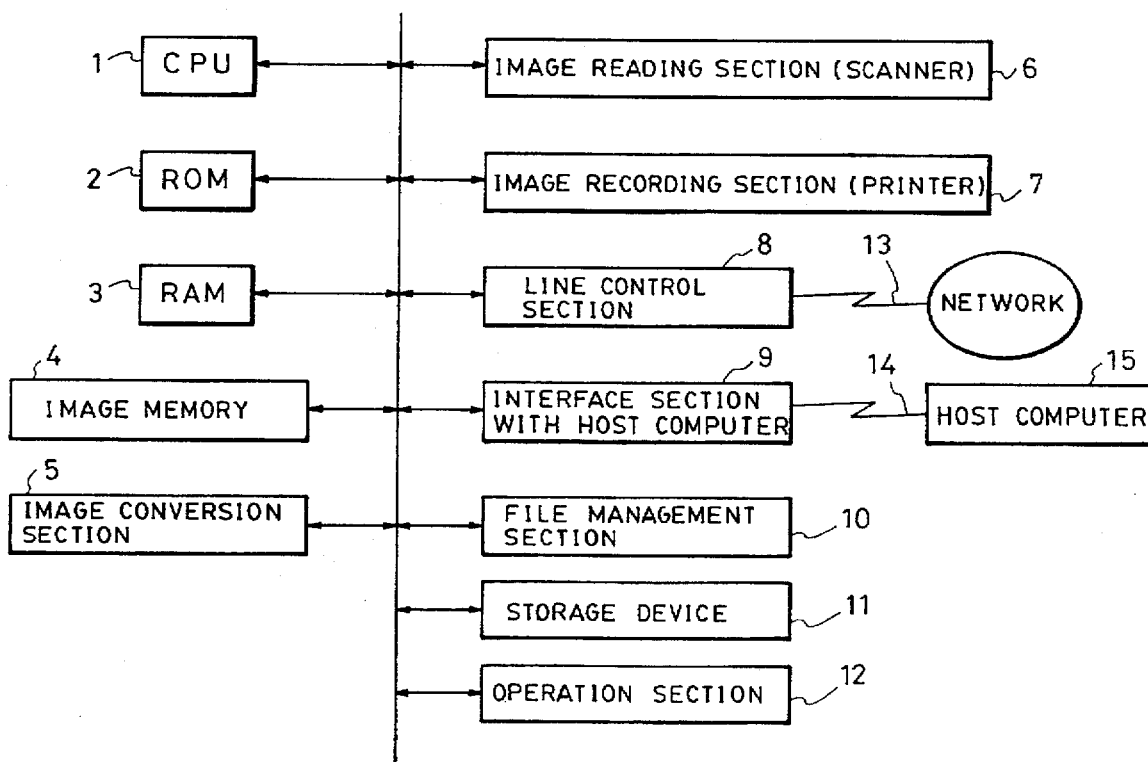


FIG. 1

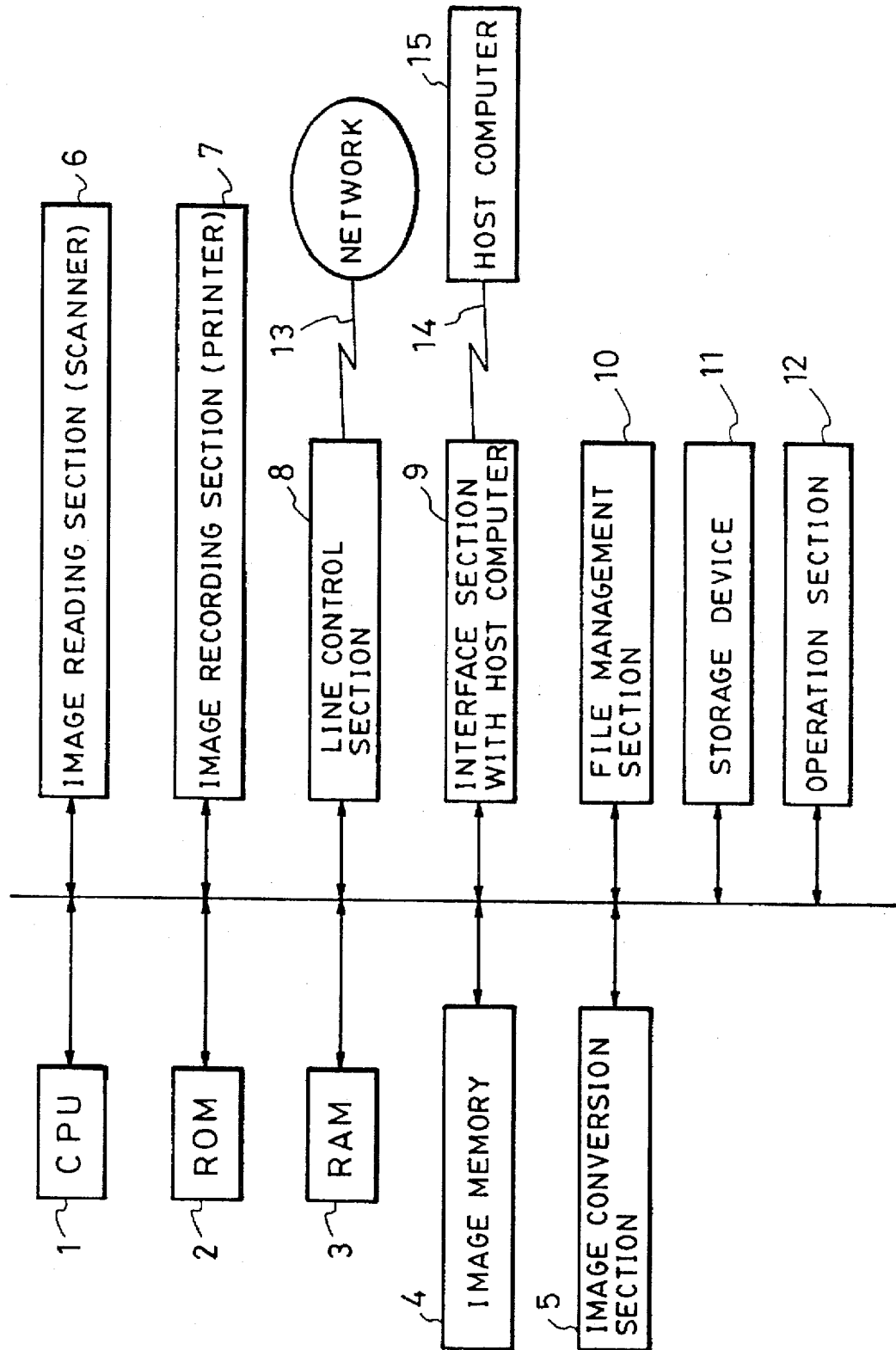


FIG. 2

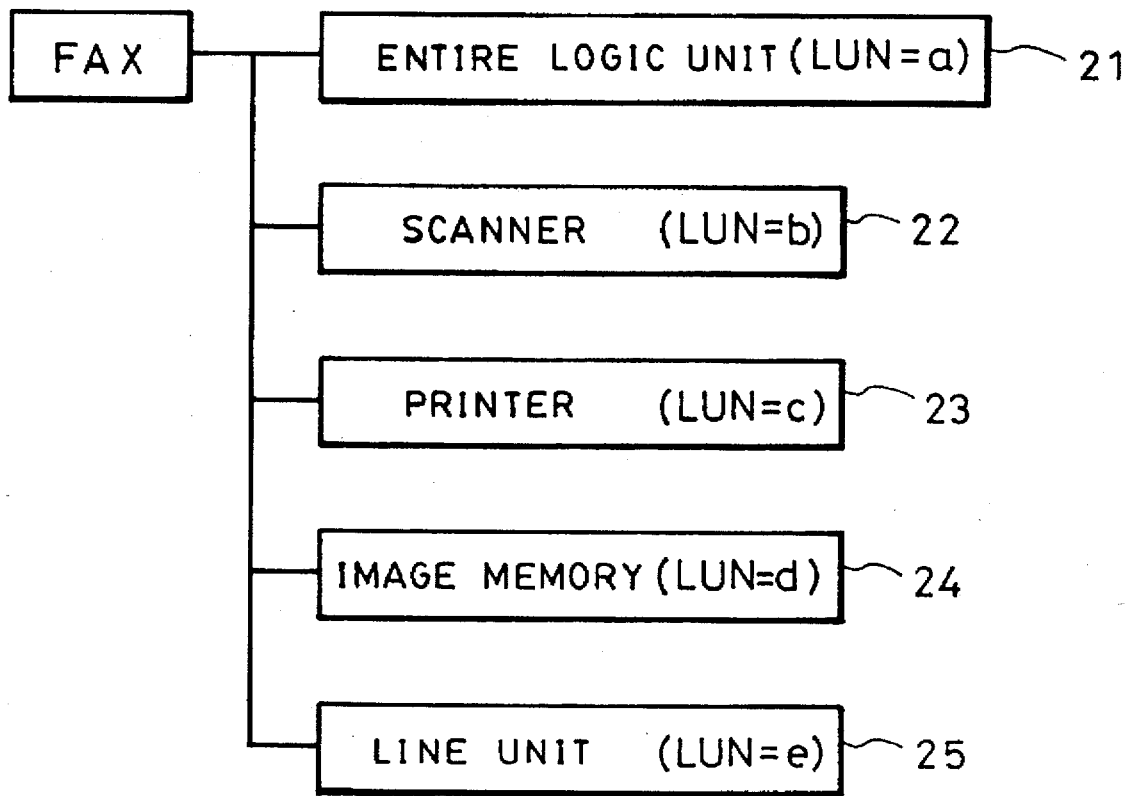


FIG. 3

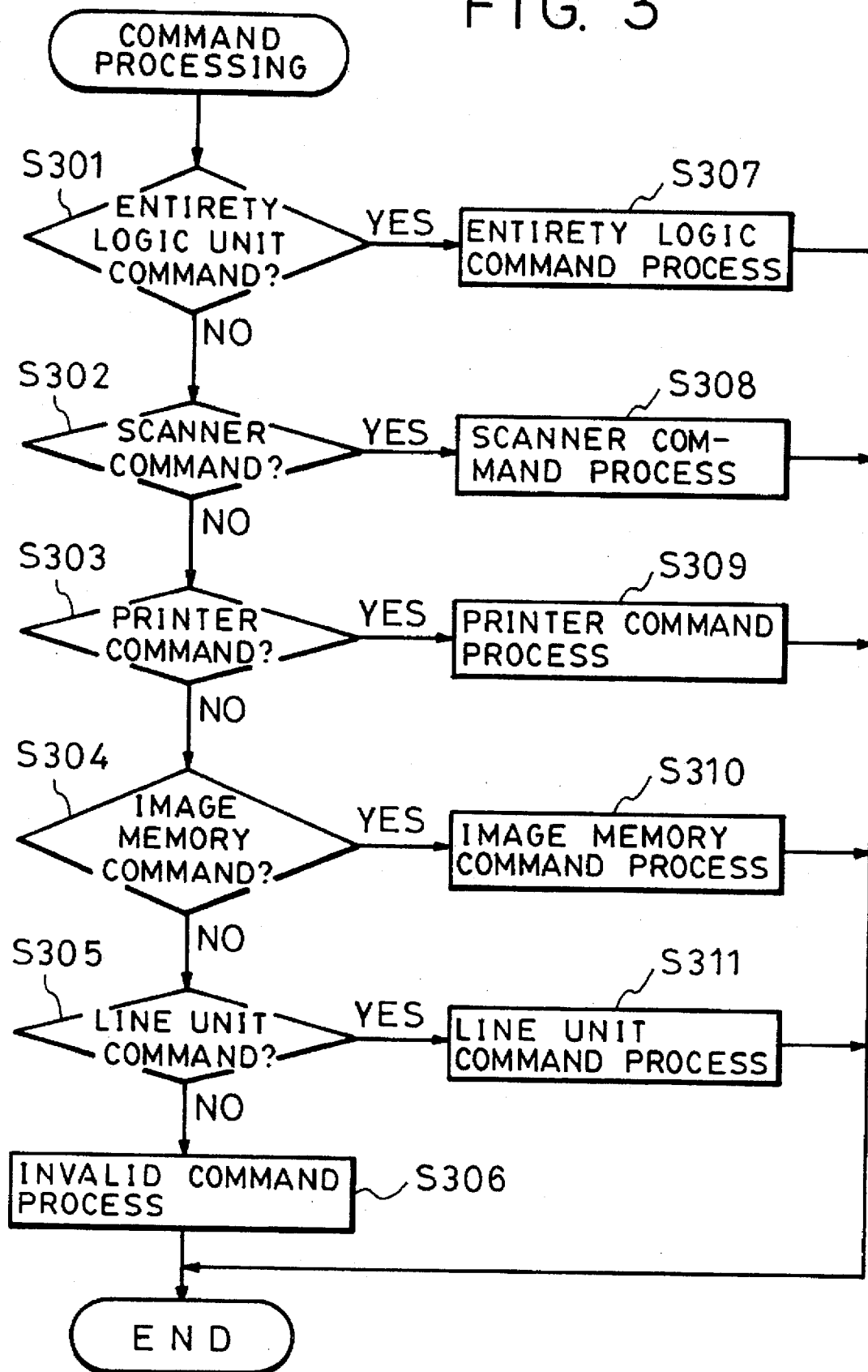
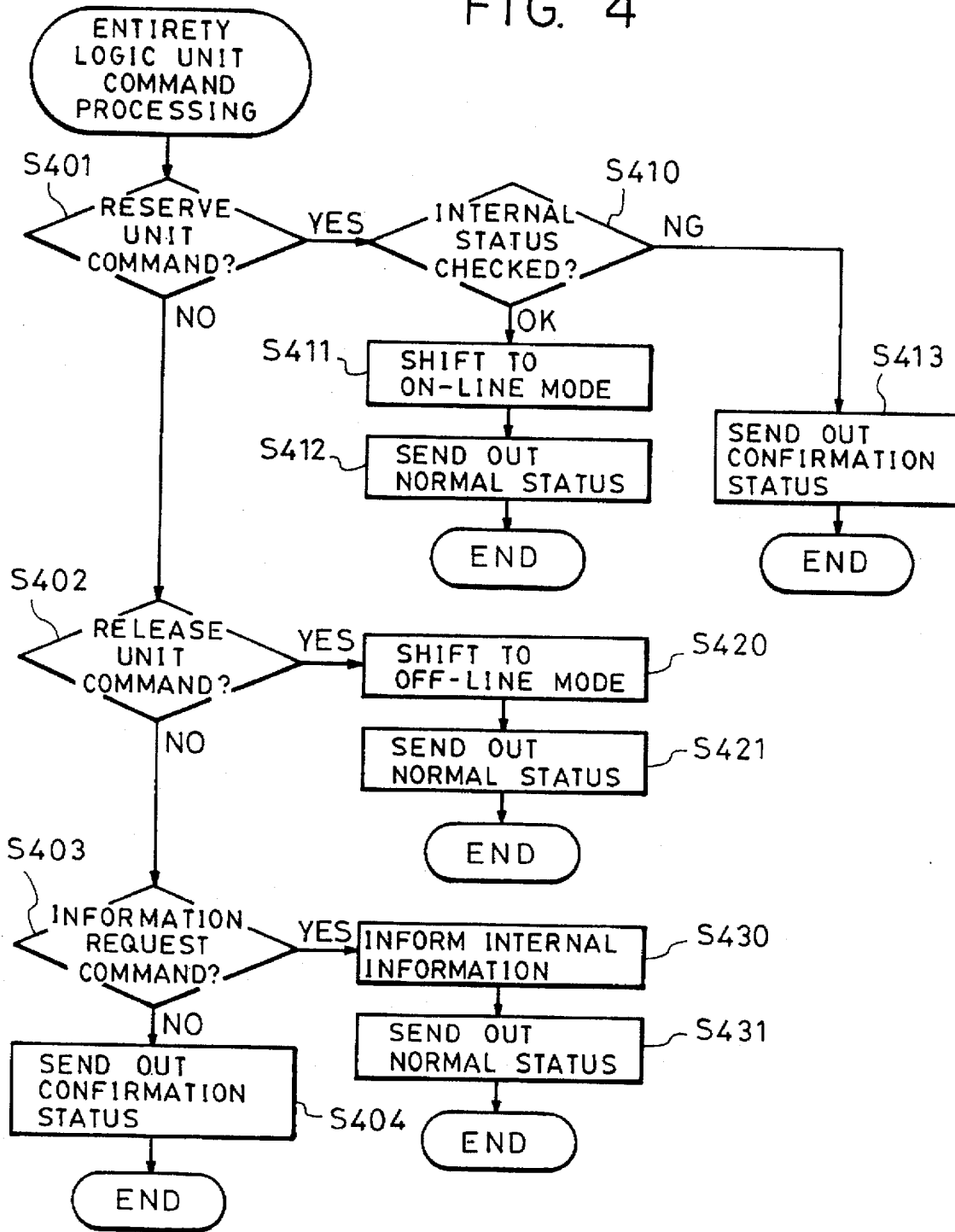


FIG. 4



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