United States Patent [19]

Chang et al.

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[54] **APPLICATION PROGRAM INTERFACE TO NETWORKING FUNCTIONS**

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[21] Appl. No.: **908,533**

[22] Filed: **Sep. 17, 1986**

[51] Int. Cl.⁴ G06F 1/00
[52] U.S. Cl. 364/300
[58] Field of Search 364/200, 300, 900

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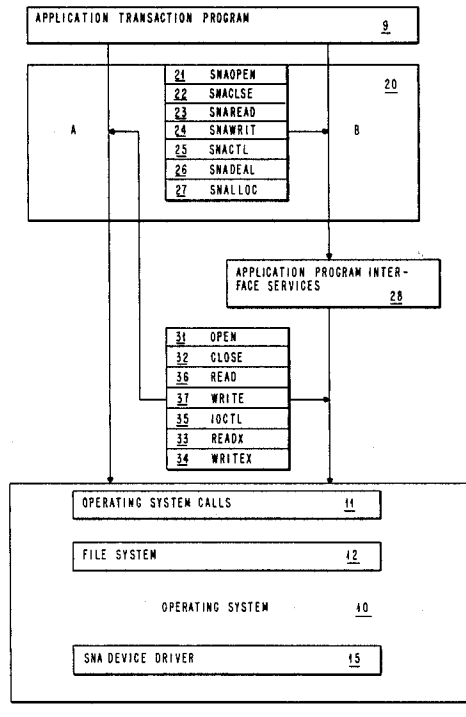IBM RT PC SNA Access Method Guide and Reference, IBM Corporation.

Primary Examiner—Raulfe .B. Zache
Attorney, Agent, or Firm—Marilyn D. Smith

[57] **ABSTRACT**

A system for, and method of, providing an interface to an application program for accessing networking functions. The application program interface translates routines requesting networking functions to the operating system commands which contain facilities for accessing networking functions. In addition, the application program interface externalizes the operating system commands for use by the application program in accessing networking functions.
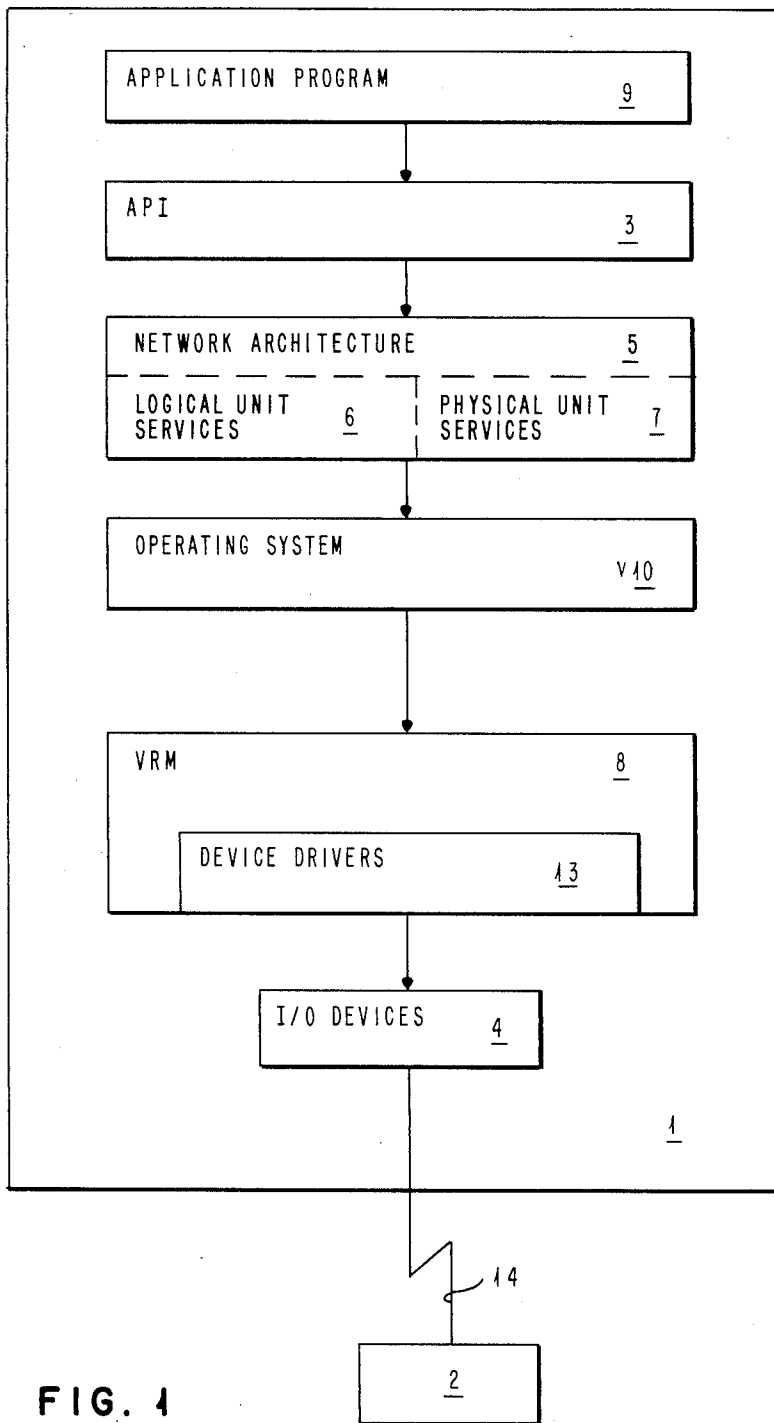
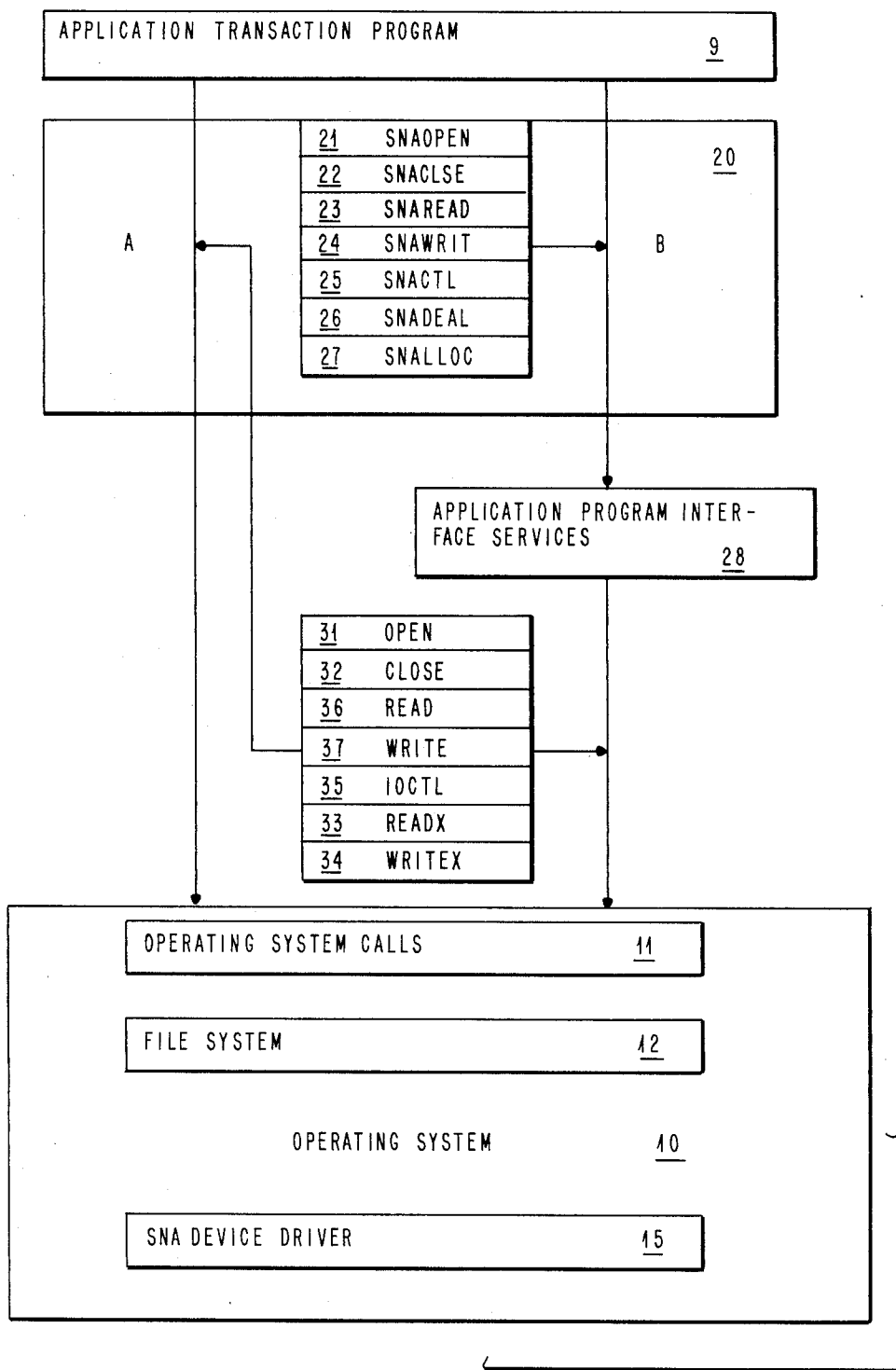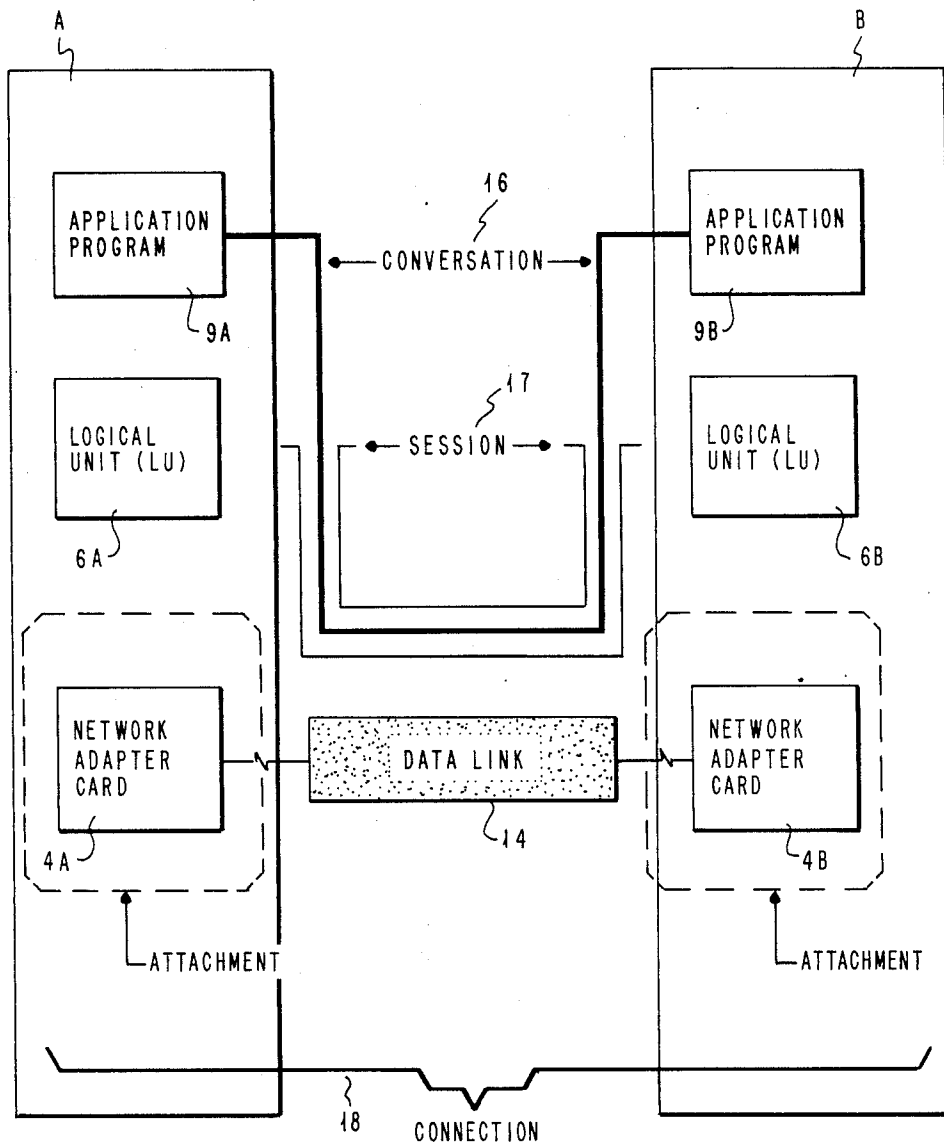**34 Claims, 20 Drawing Sheets**

FIG. 1

APPLICATION TRANSACTION PROGRAM		9

	21	SNAOPEN		20
	22	SNACLSE		
	23	SNAREAD		
A	24	SNAWRIT	B	
	25	SNACTL		
	26	SNADEAL		
	27	SNALLOC		

APPLICATION PROGRAM INTER-FACE SERVICES	28

31	OPEN
32	CLOSE
36	READ
37	WRITE
35	IOCTL
33	READX
34	WRITEX

OPERATING SYSTEM CALLS	11

FILE SYSTEM	12

OPERATING SYSTEM	10

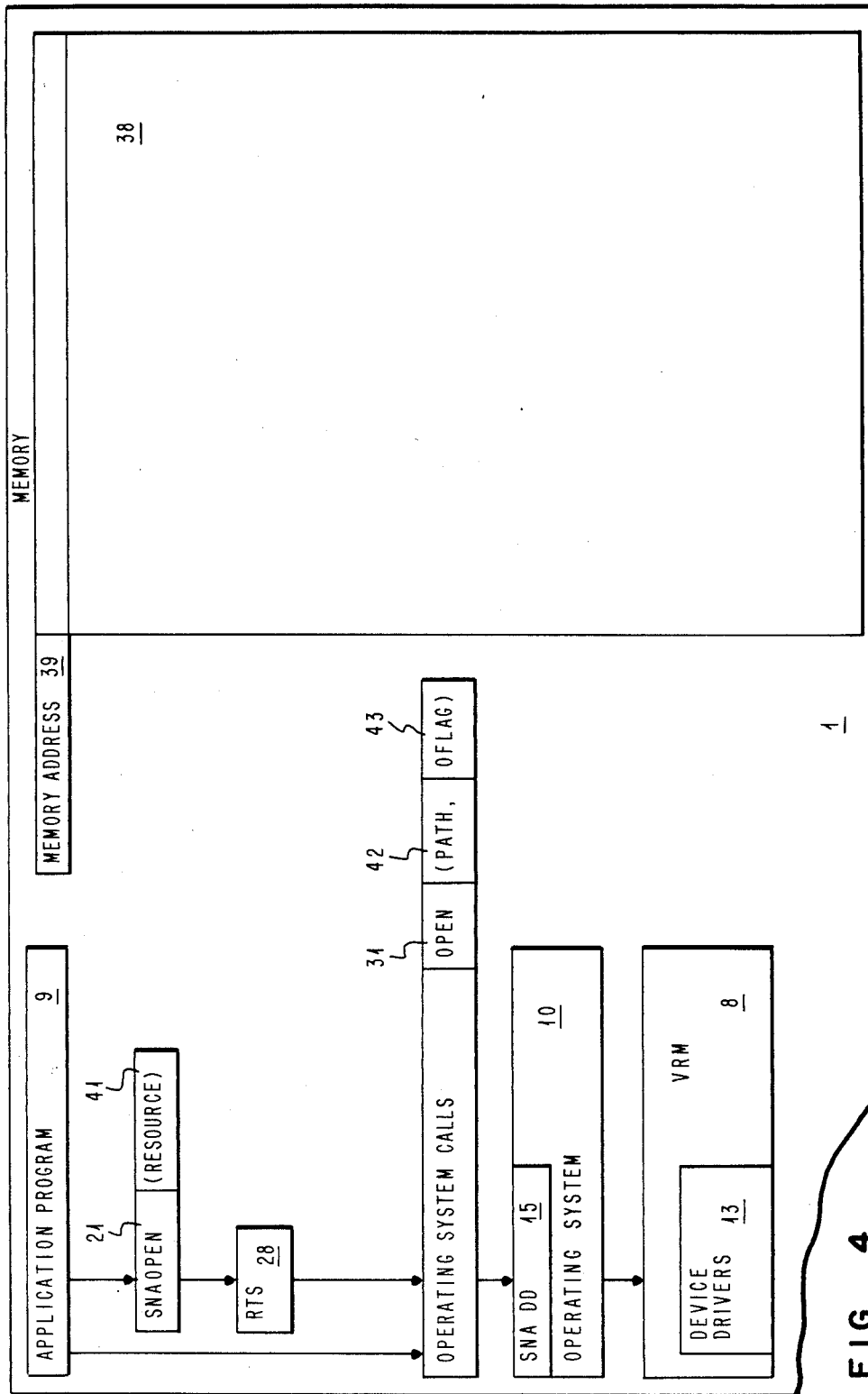| SNA DEVICE DRIVER	15

FIG. 2

1

FIG. 3

FIG. 4

DOCKET ALARM

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