

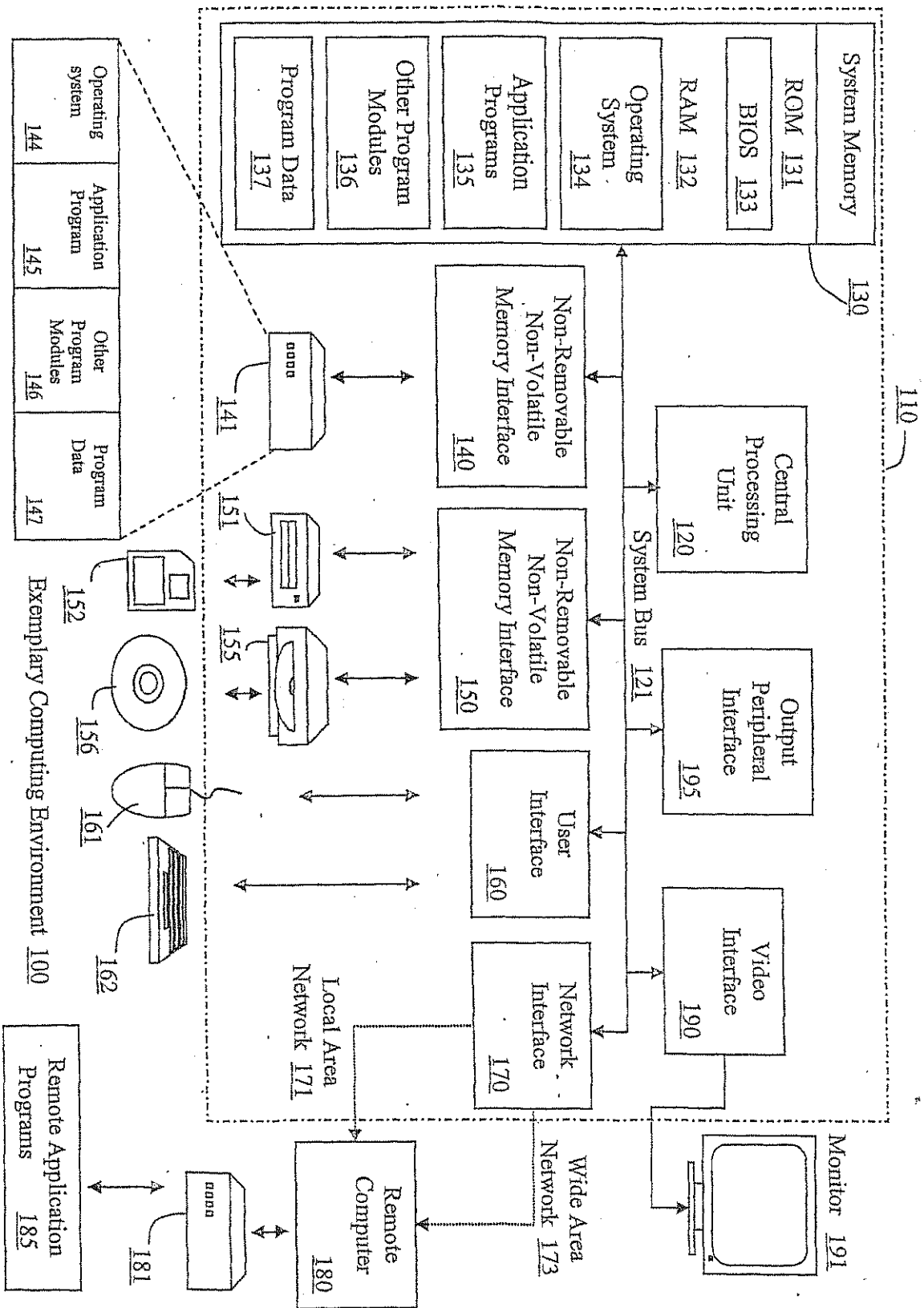


FIG. 1

Exemplary Network Environment 200

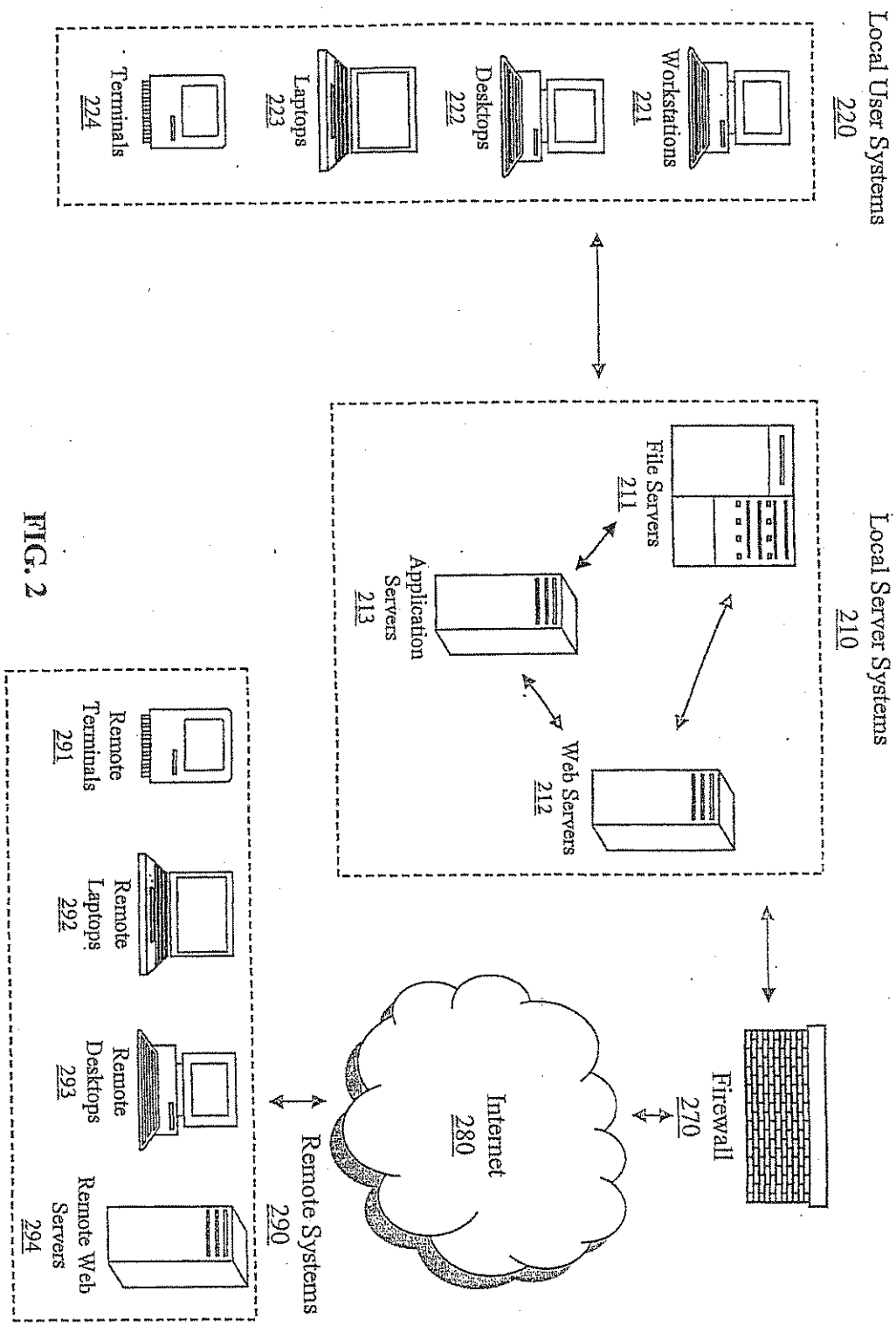


FIG. 2

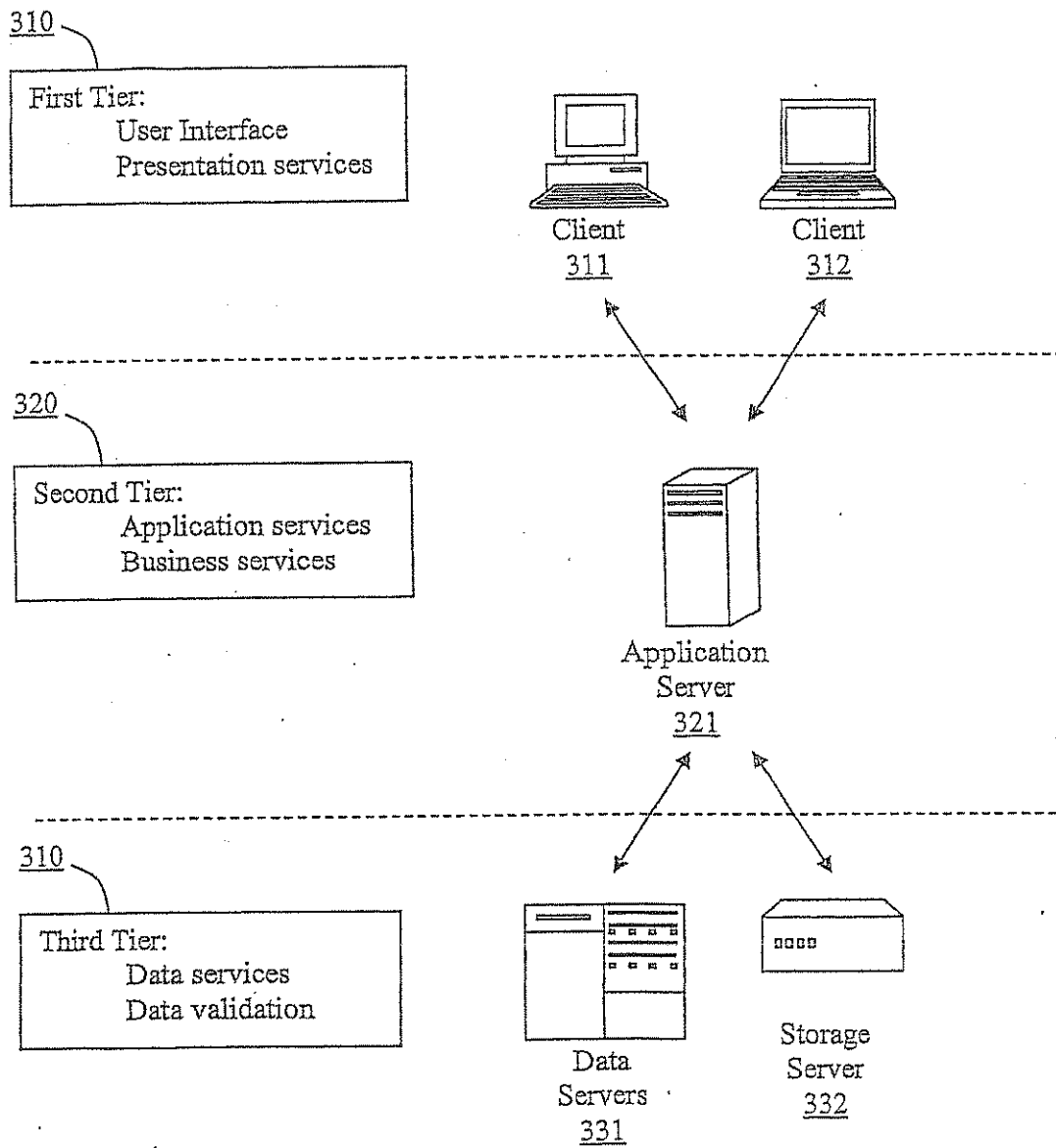


FIG. 3

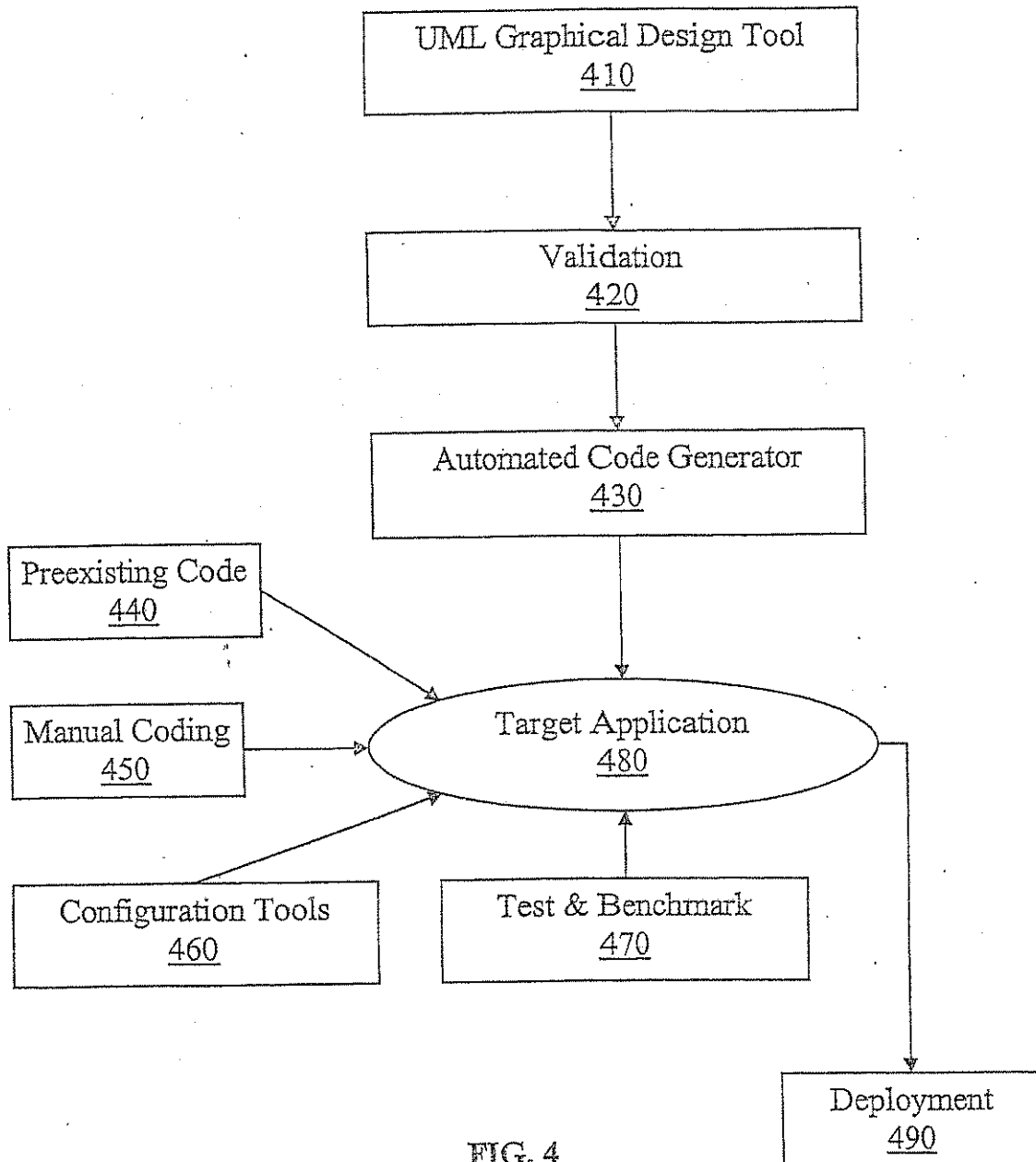


FIG. 4

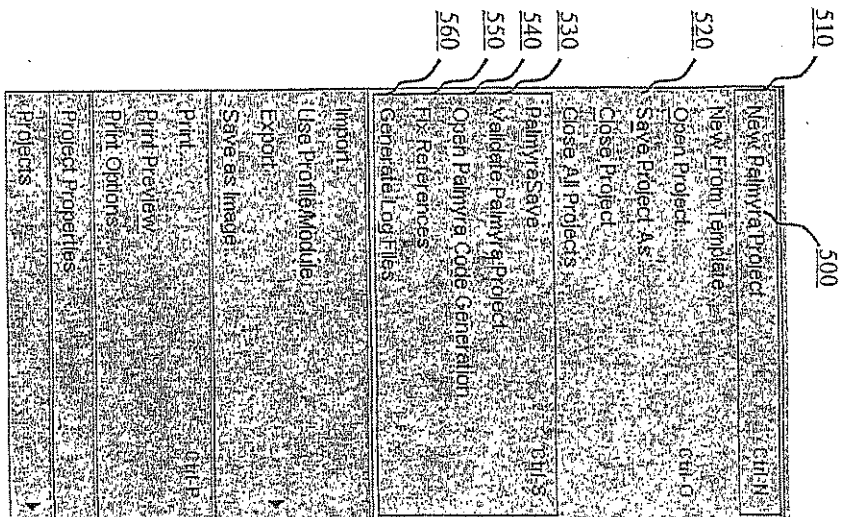


FIG. 5

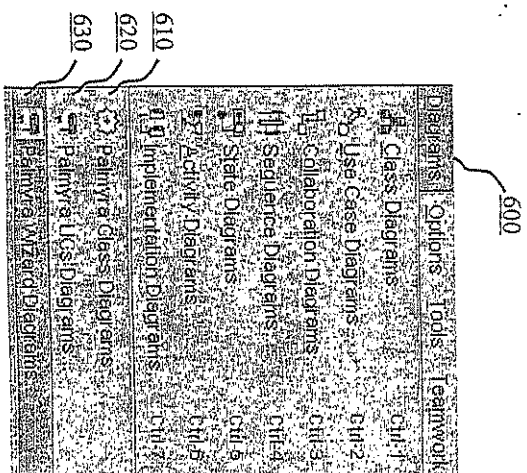


FIG. 6

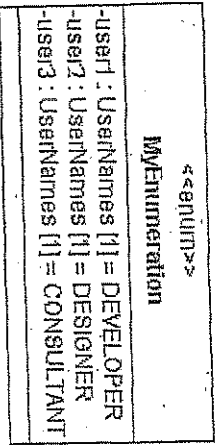


FIG. 7A

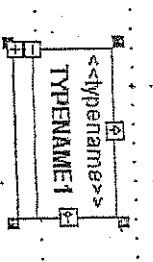


FIG. 7B

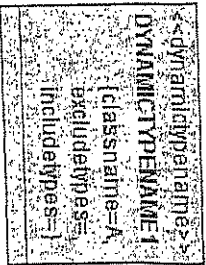


FIG. 7C

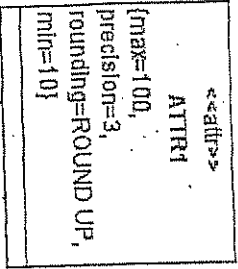


FIG. 7D



FIG. 7E

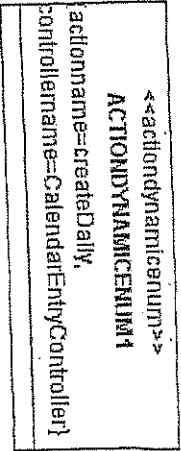


FIG. 7F

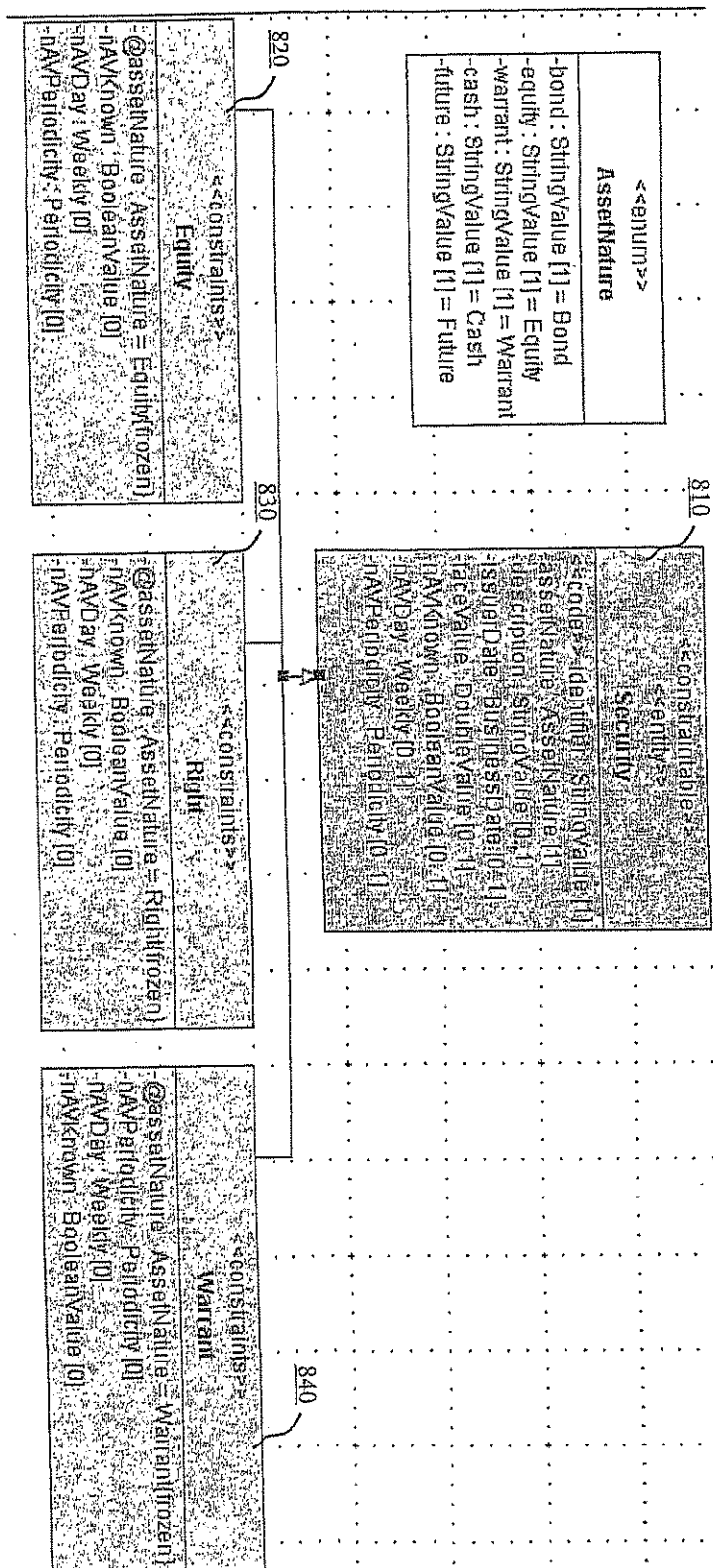


FIG. 8

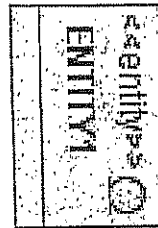


FIG. 9A

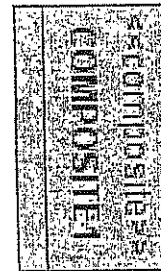


FIG. 9B

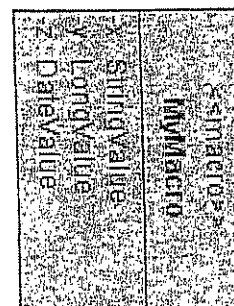


FIG. 9C

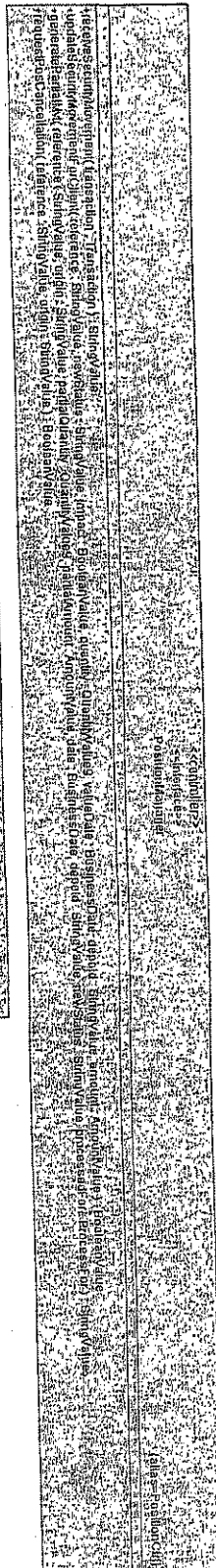


FIG. 9D

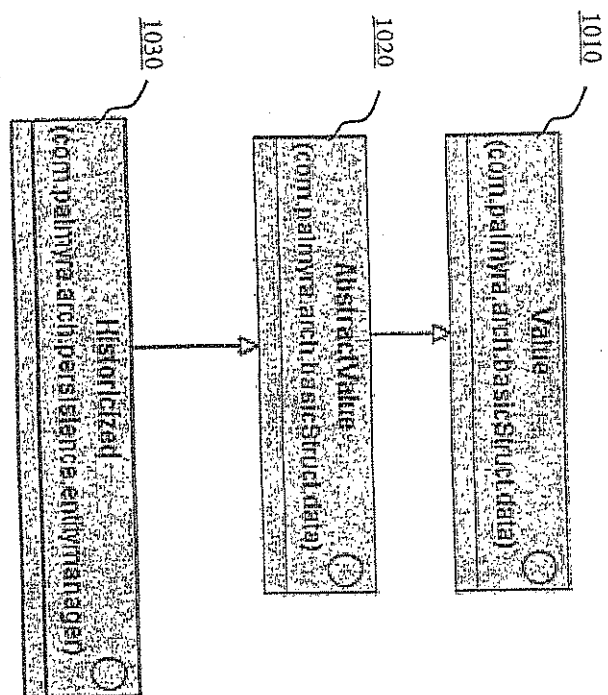


FIG. 10

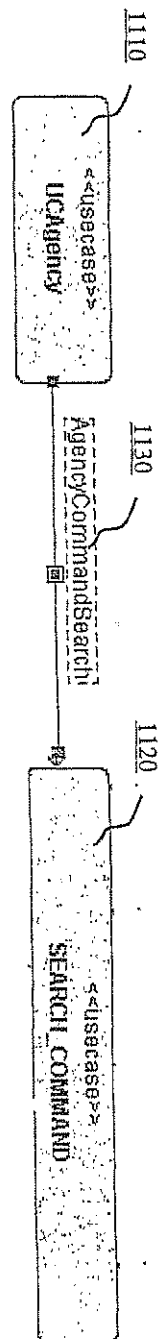


FIG. 11

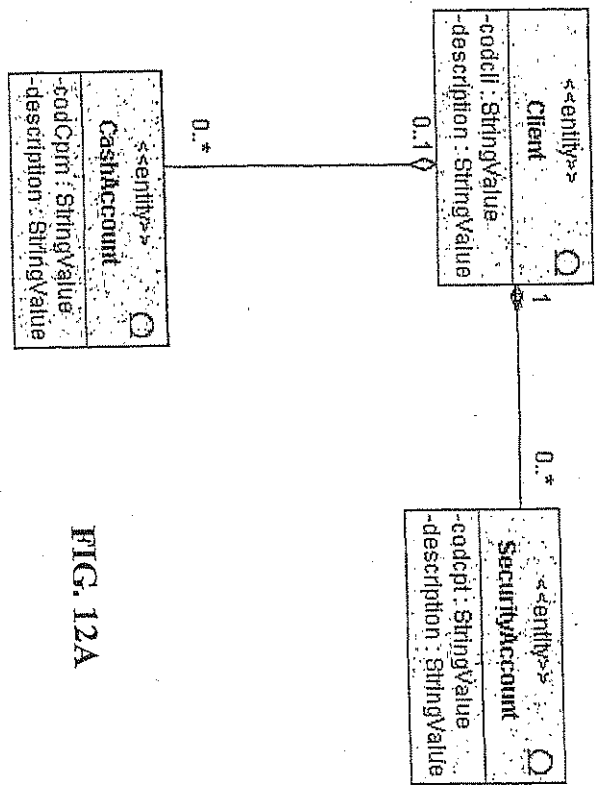


FIG. 12A

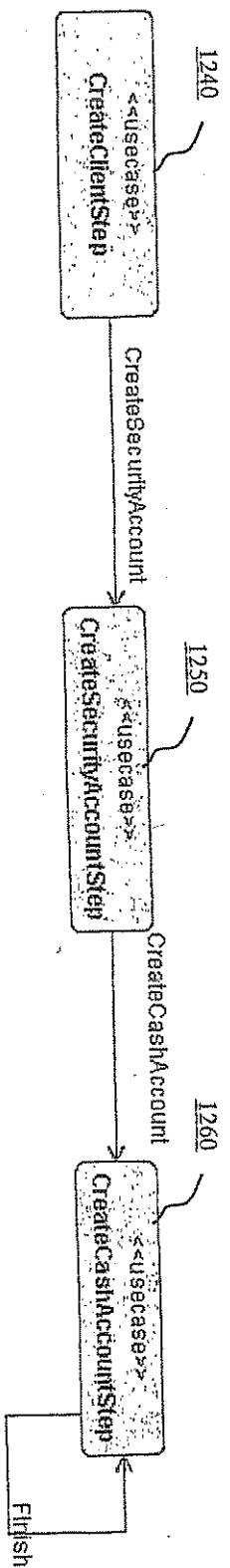


FIG. 12B

General

FIG. 13B



FIG. 13D

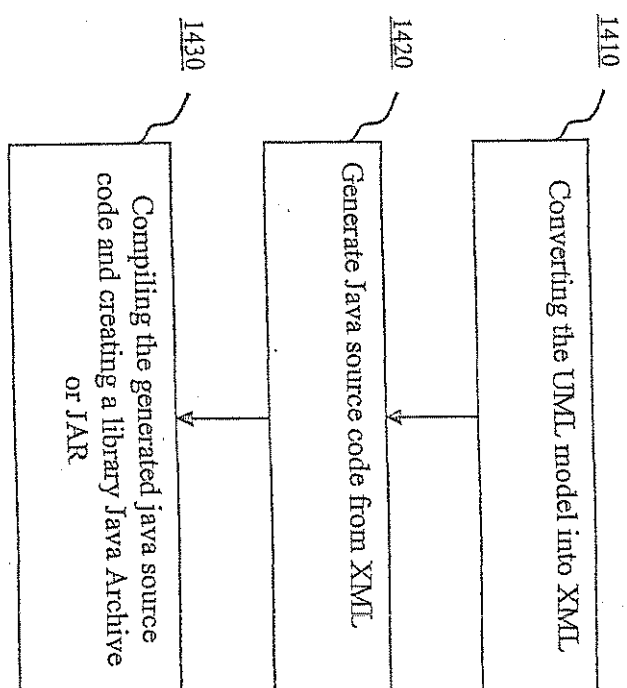


FIG. 14

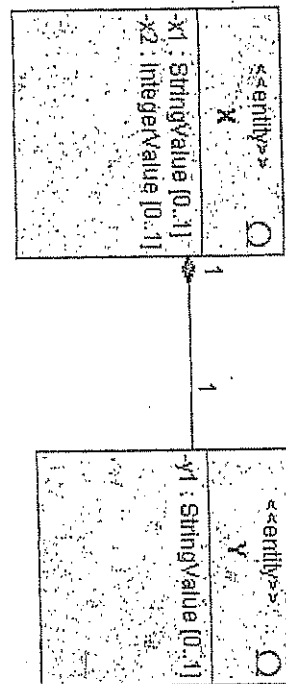


FIG. 15A

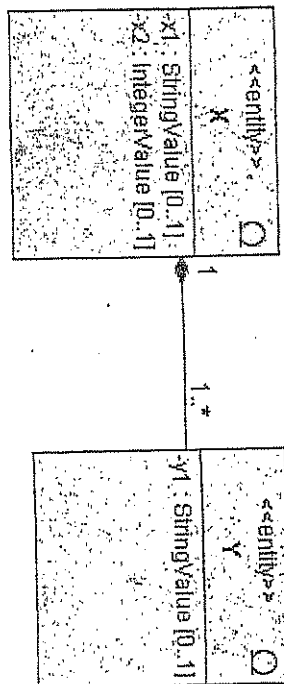


FIG. 15B

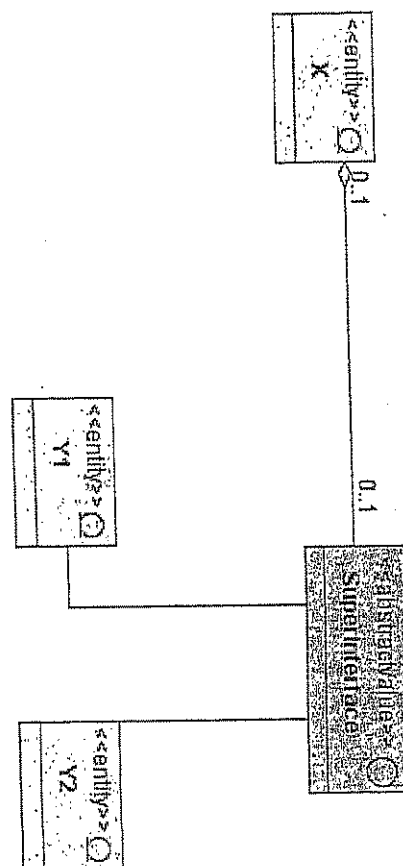


FIG. 16

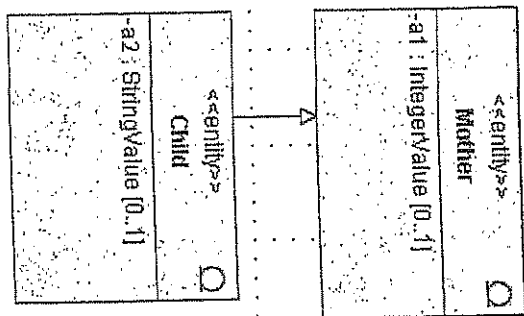


FIG. 17

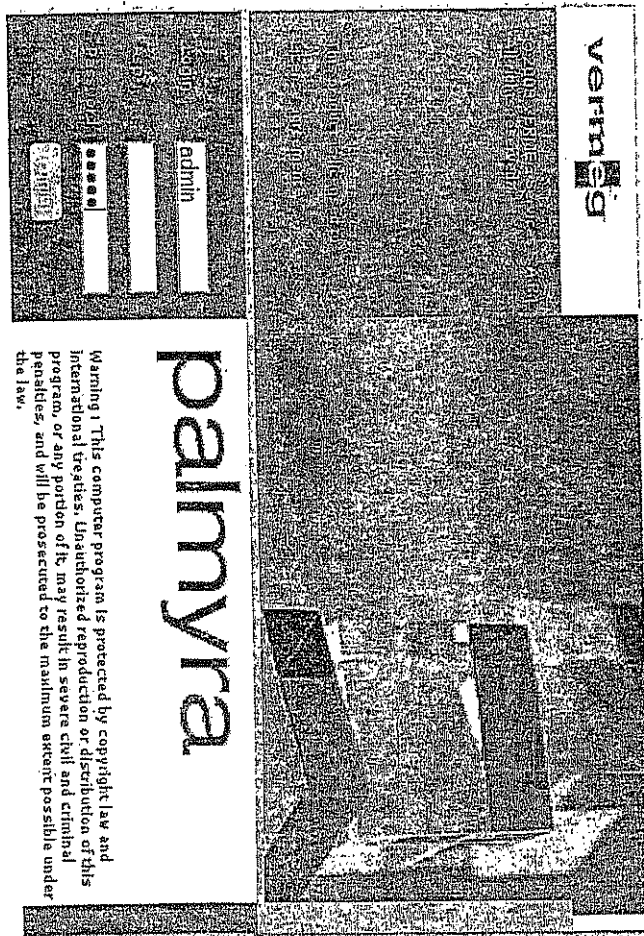


FIG. 19

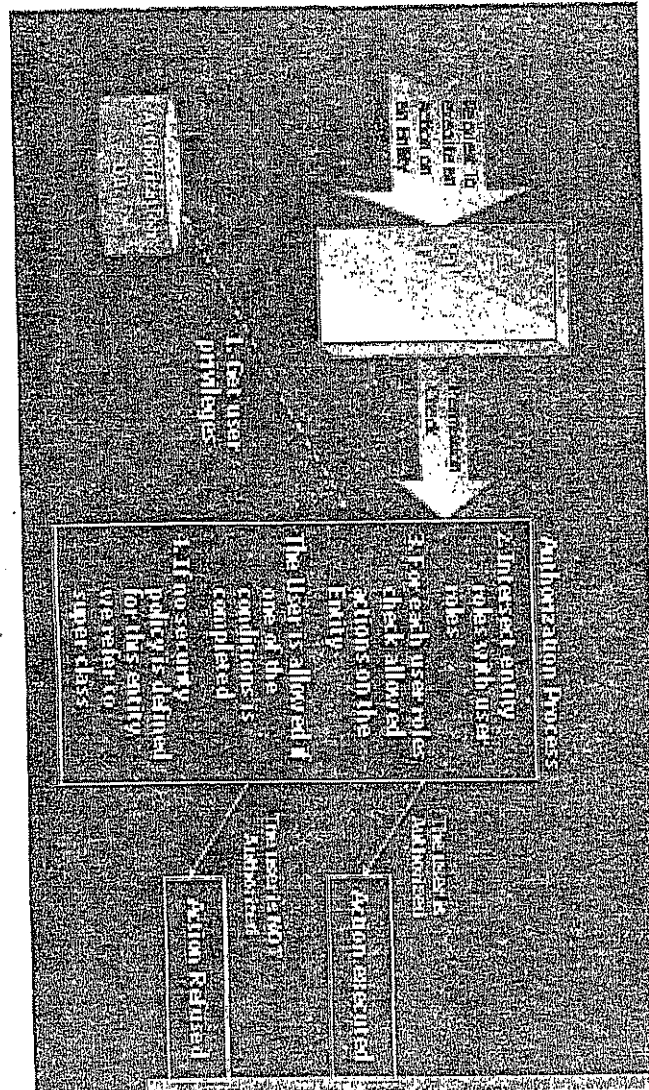


FIG. 20

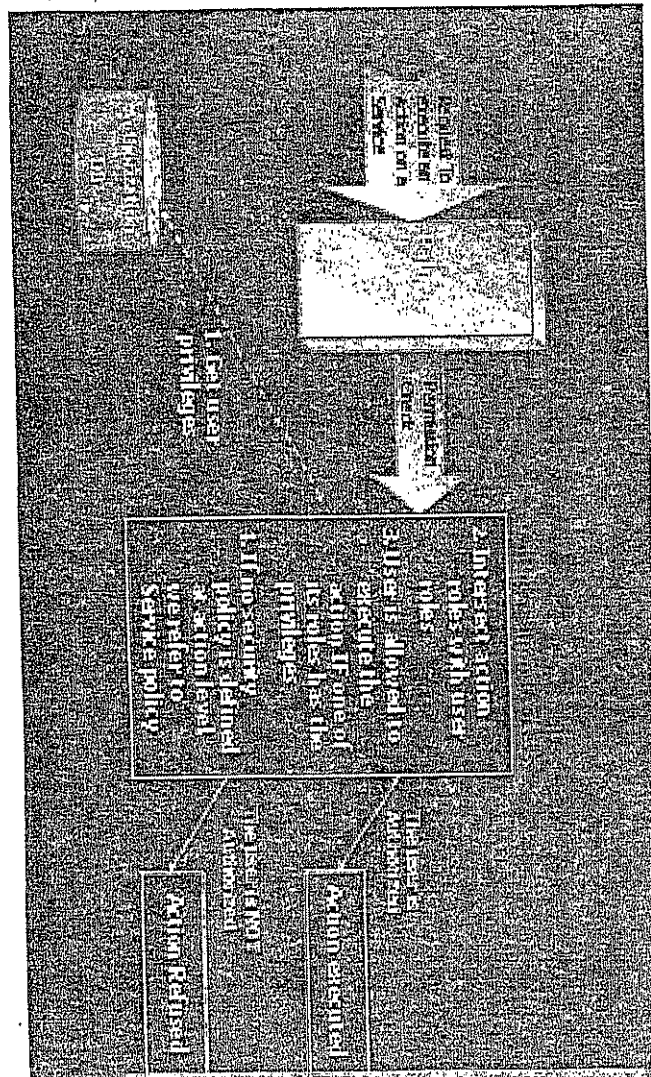


FIG. 21

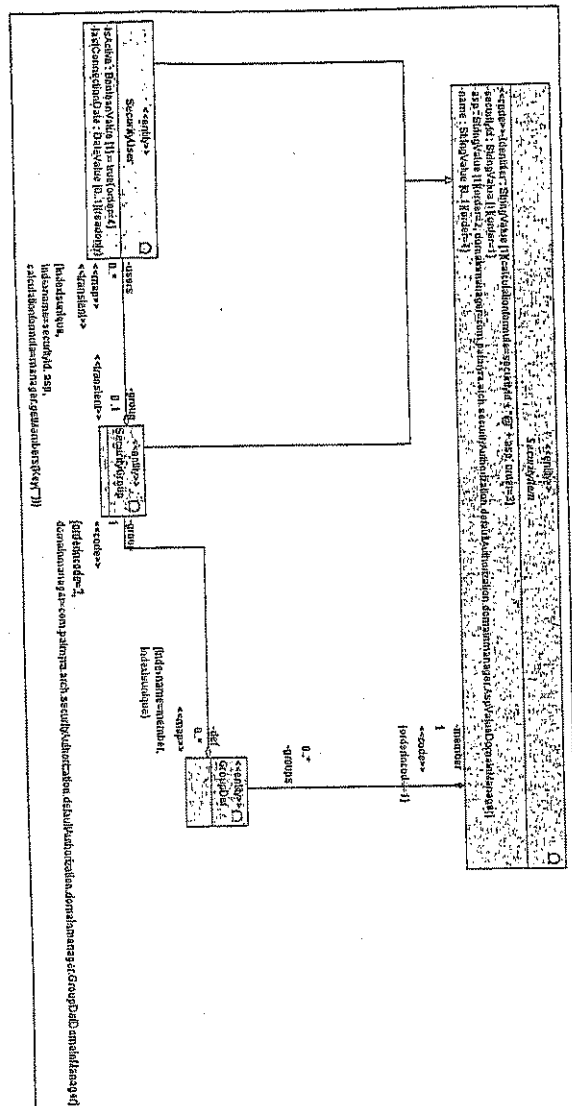
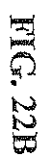


FIG. 22A



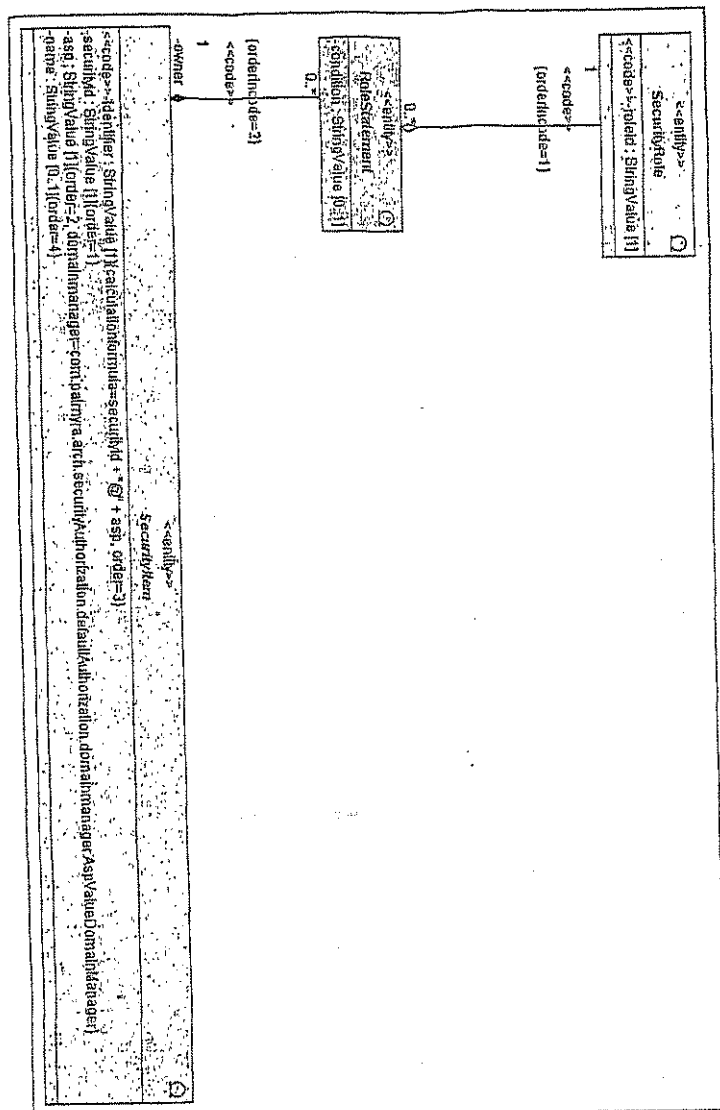


FIG. 22C

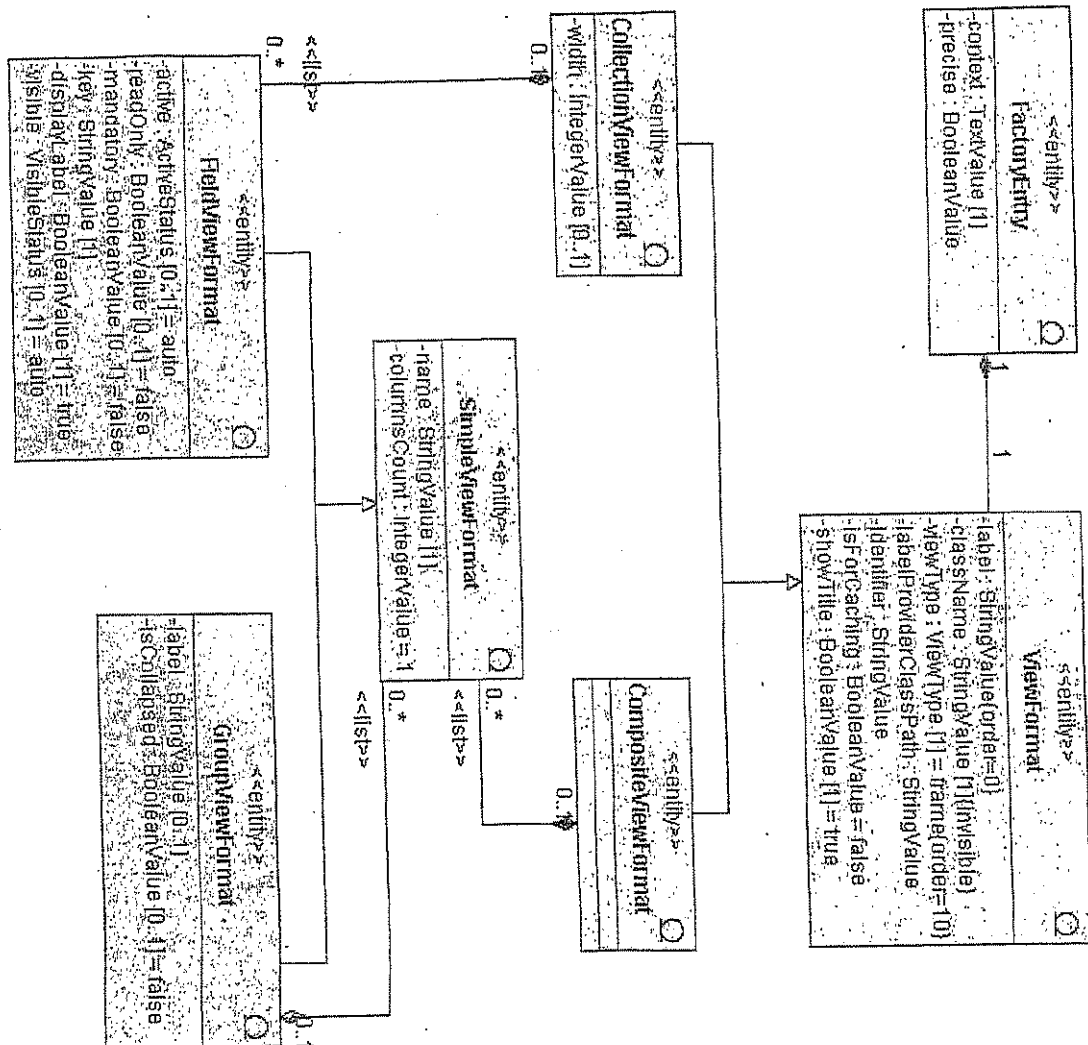


FIG. 23

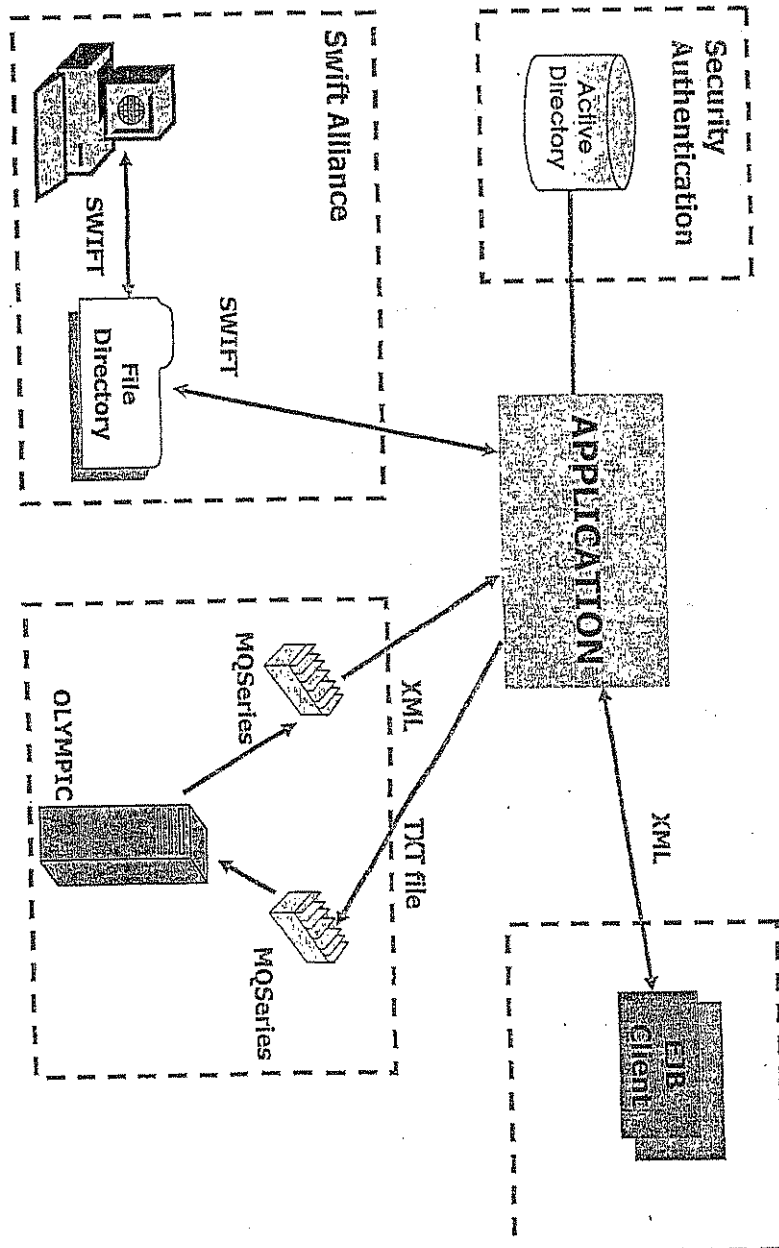


FIG. 23

Architecture

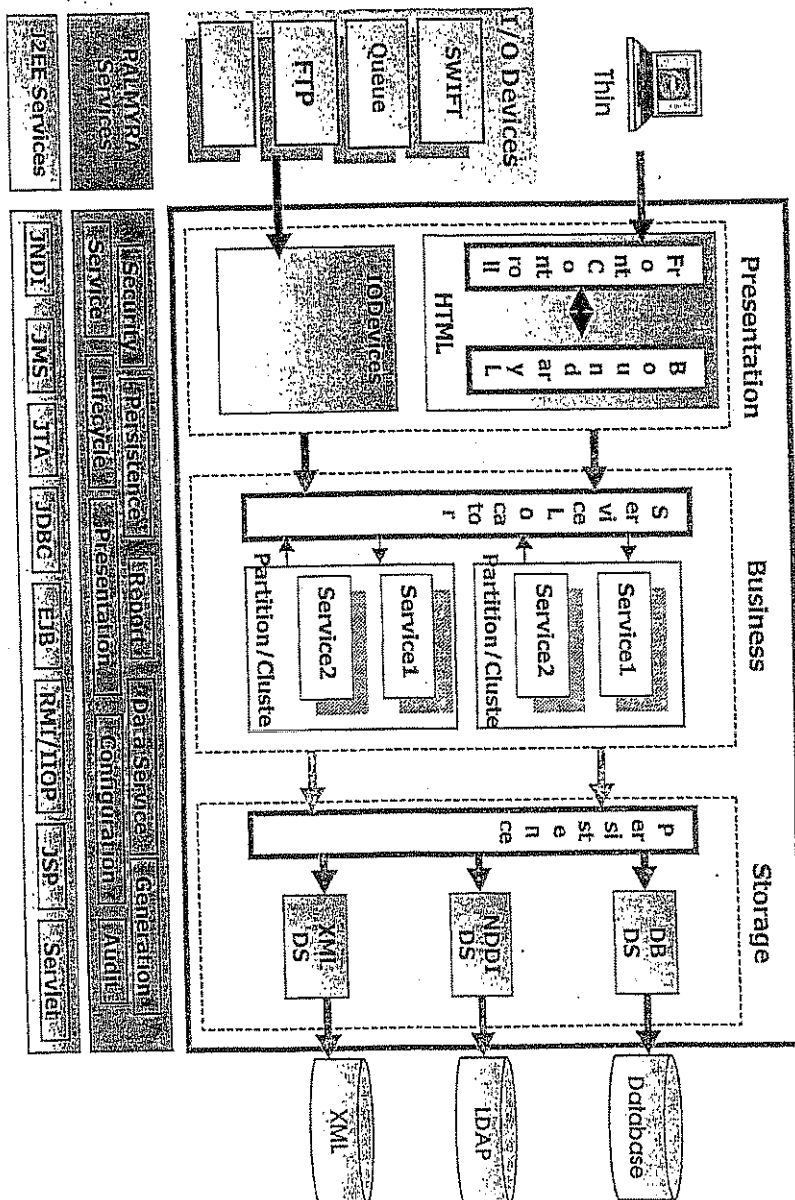


FIG. 24

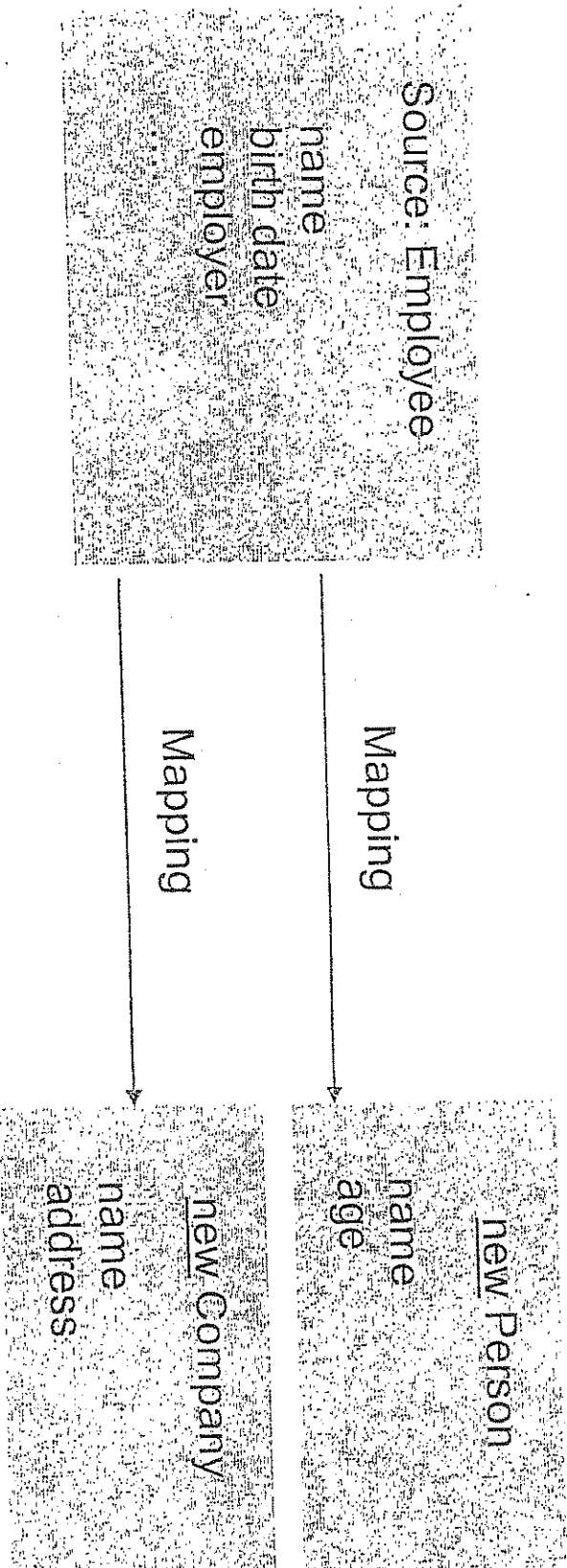


FIG. 25

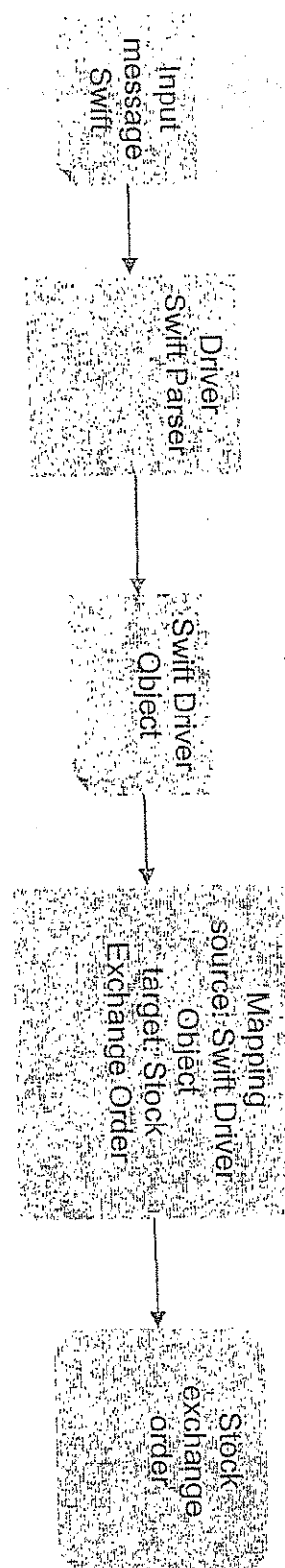


FIG. 26

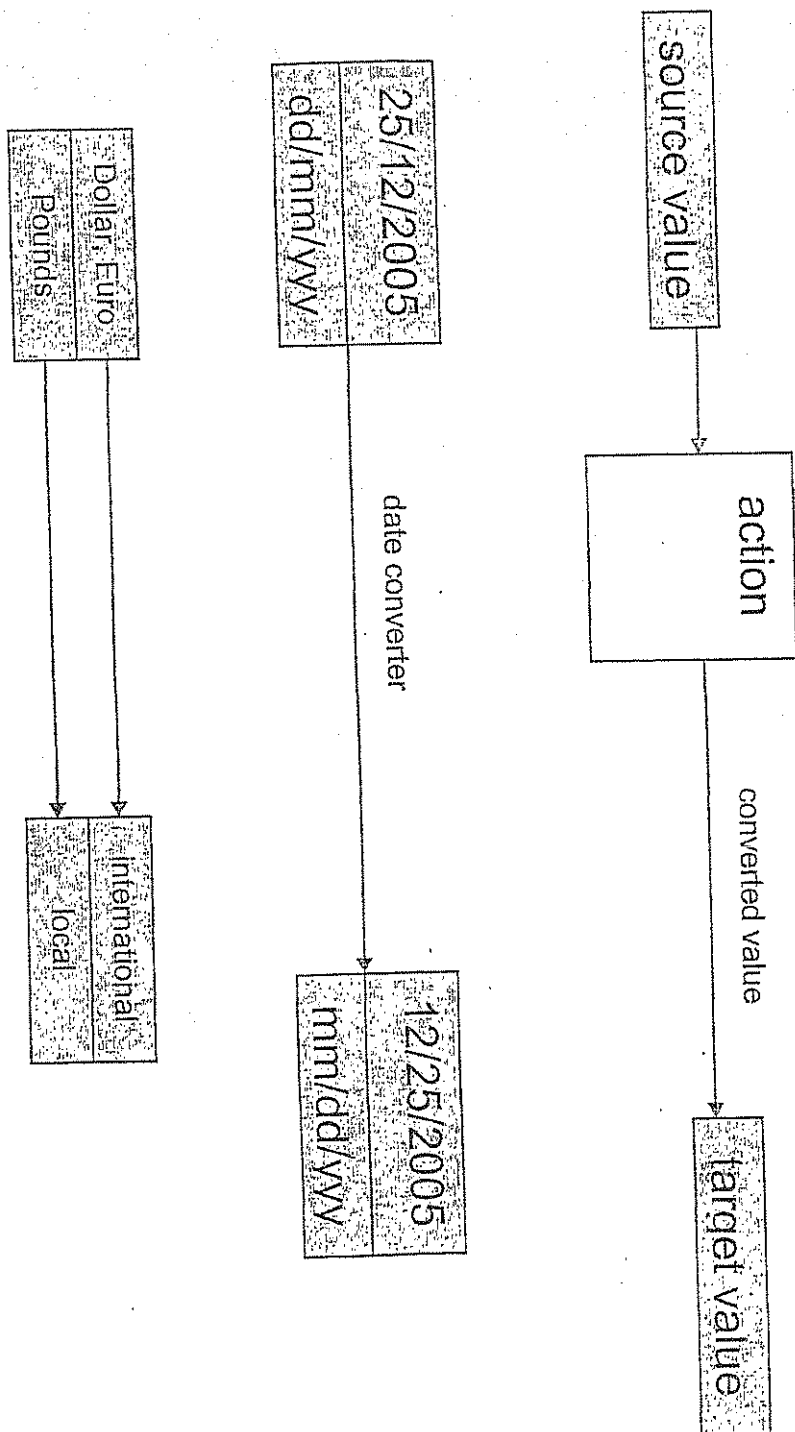


FIG. 27

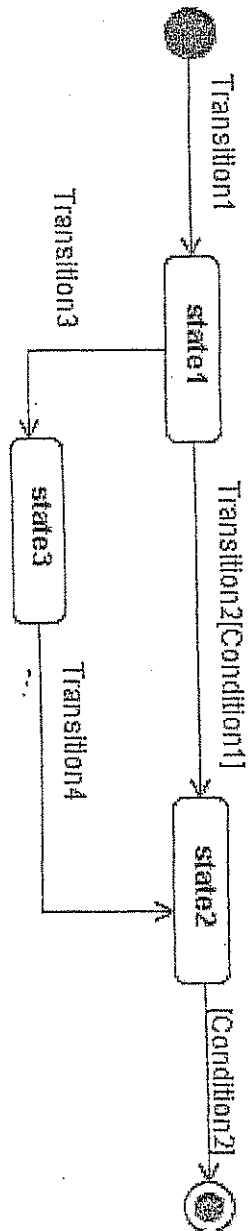


FIG. 28

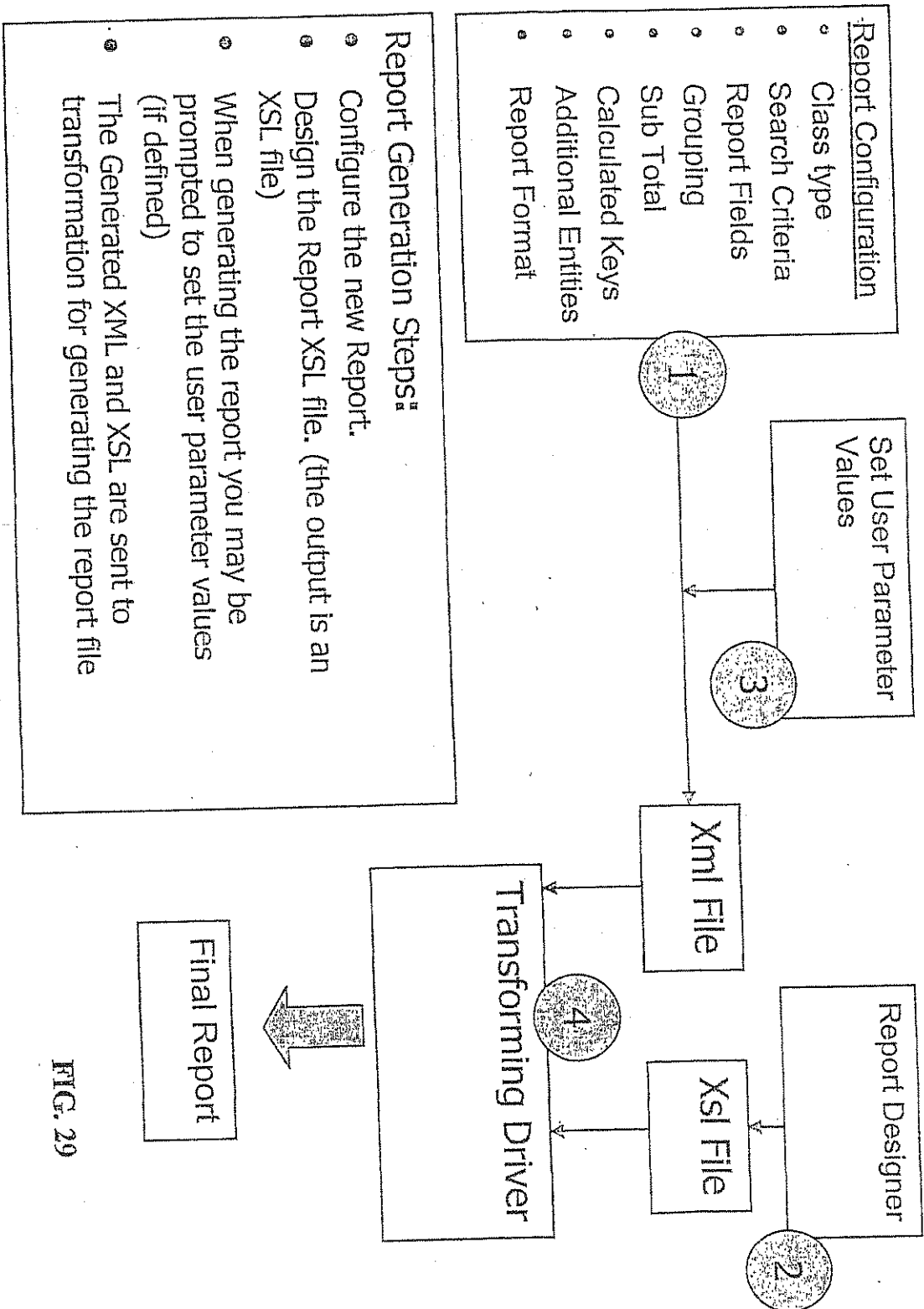


FIG. 29

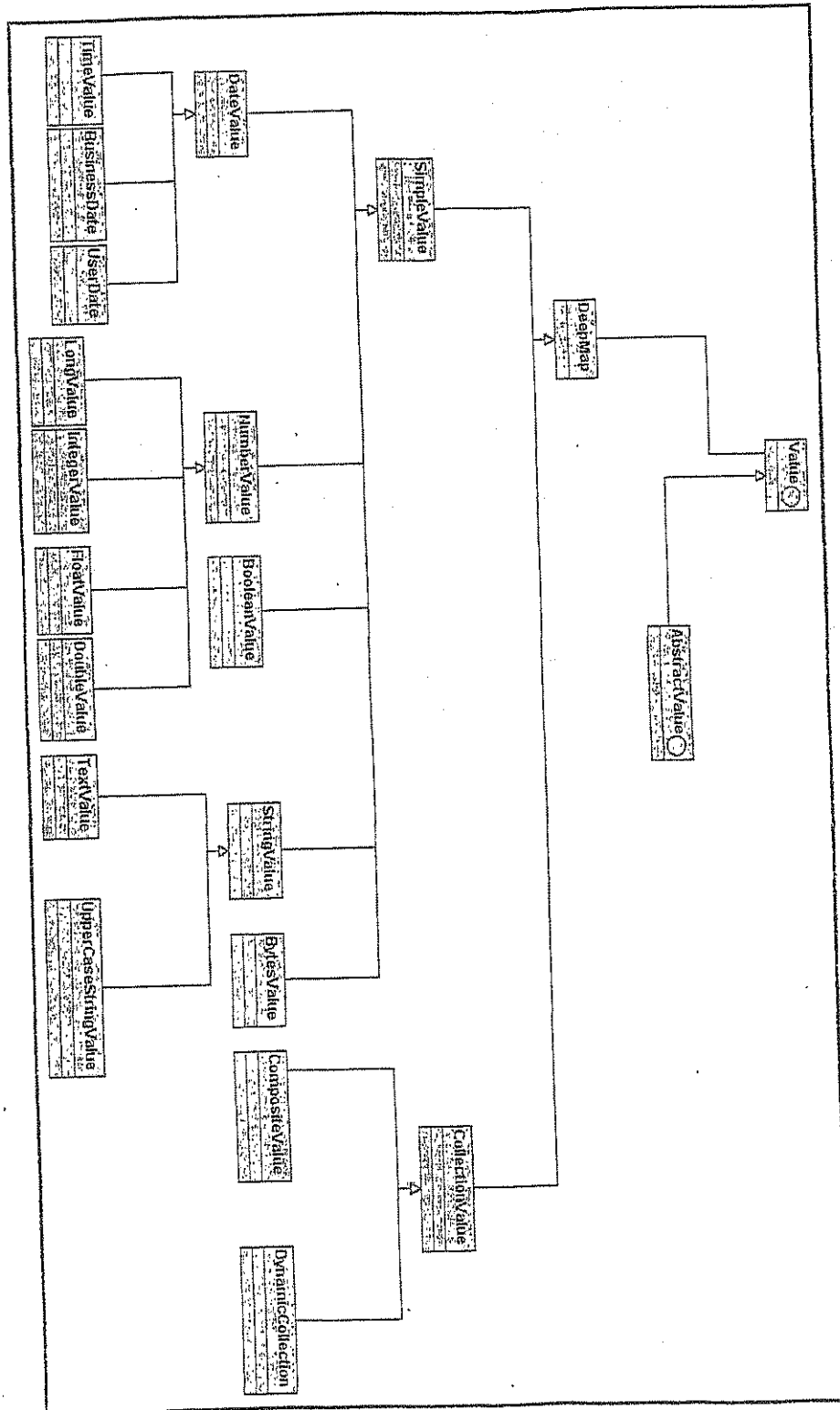


FIG. 30

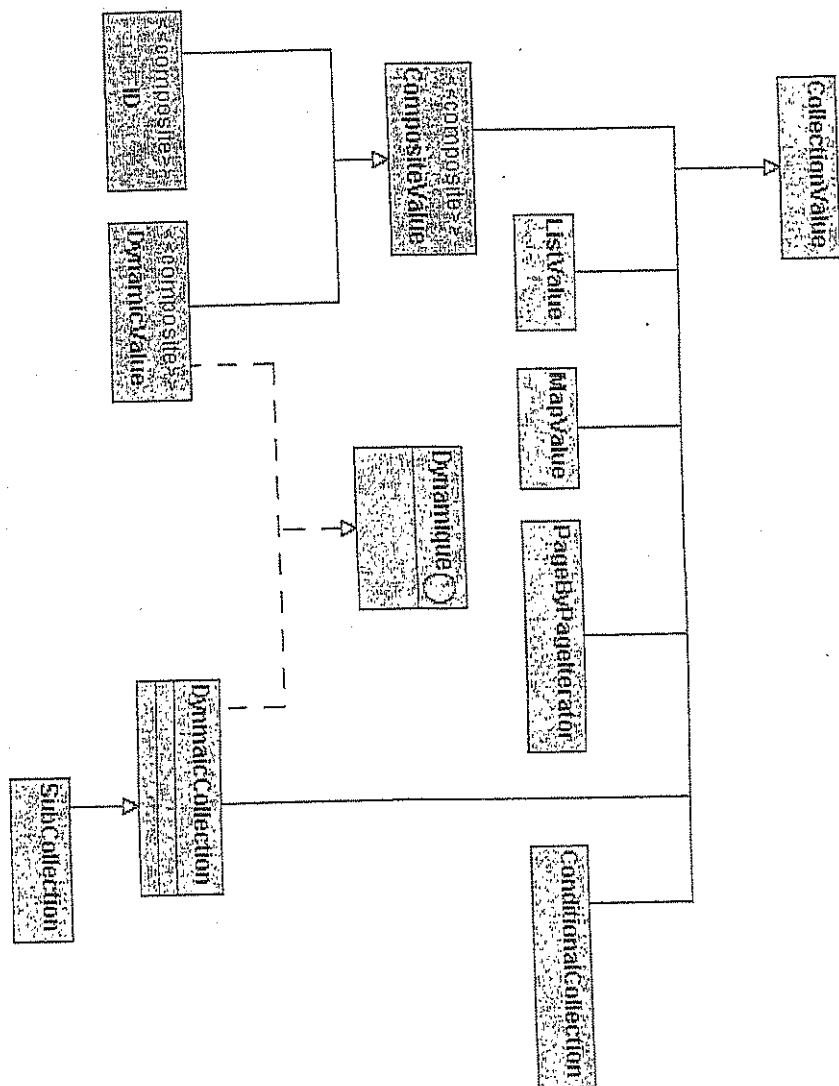


FIG. 31

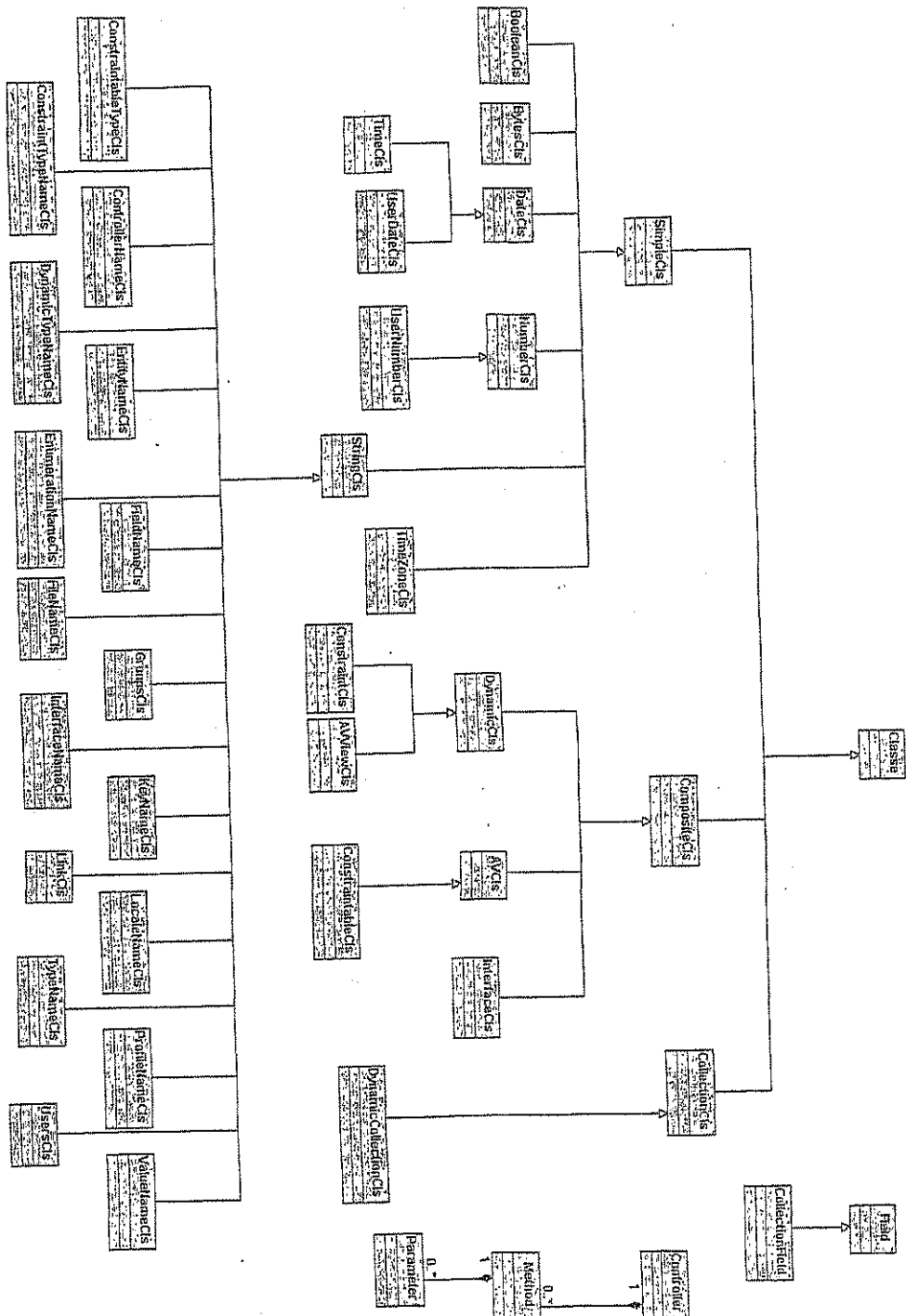


FIG. 32

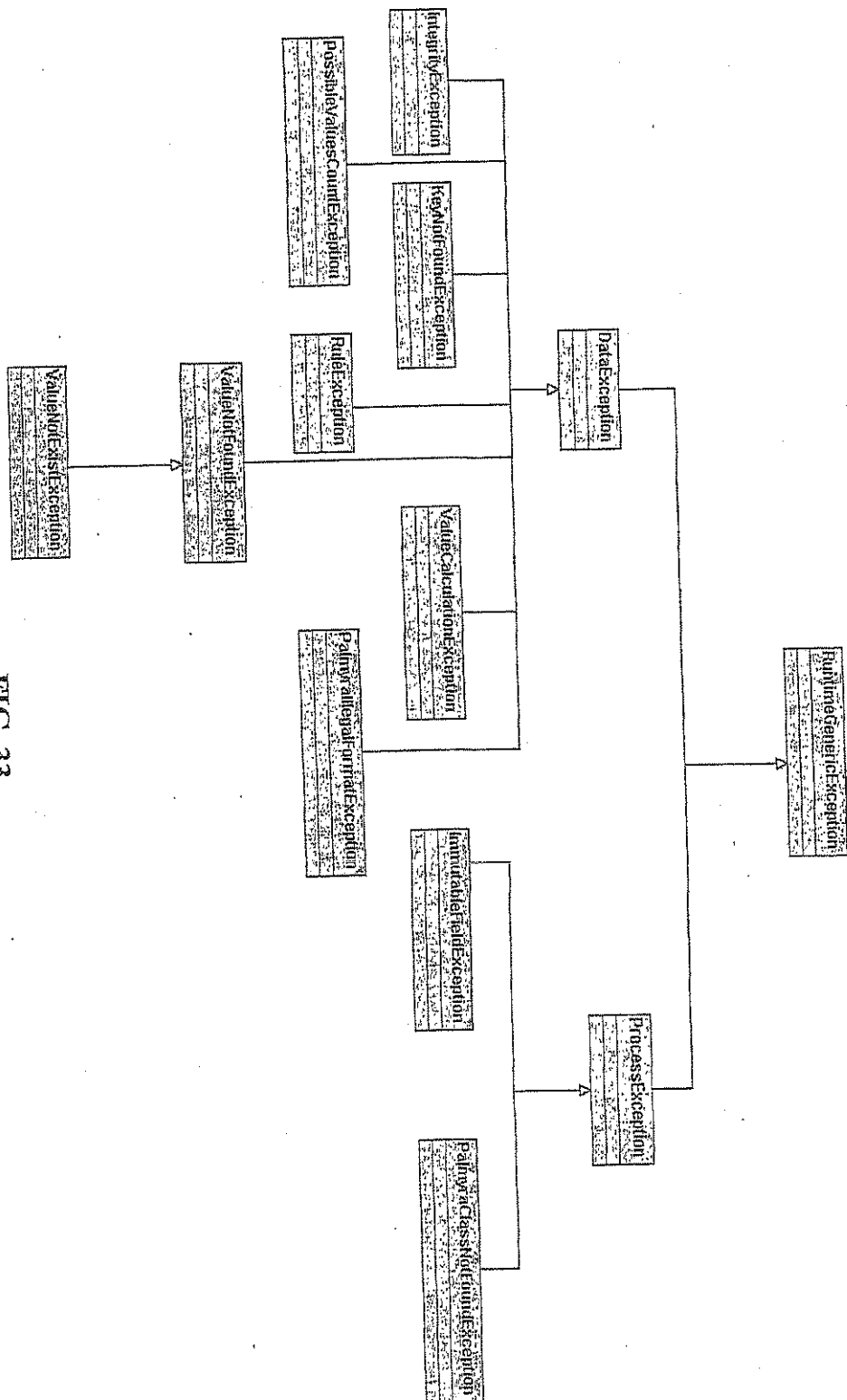


FIG. 33

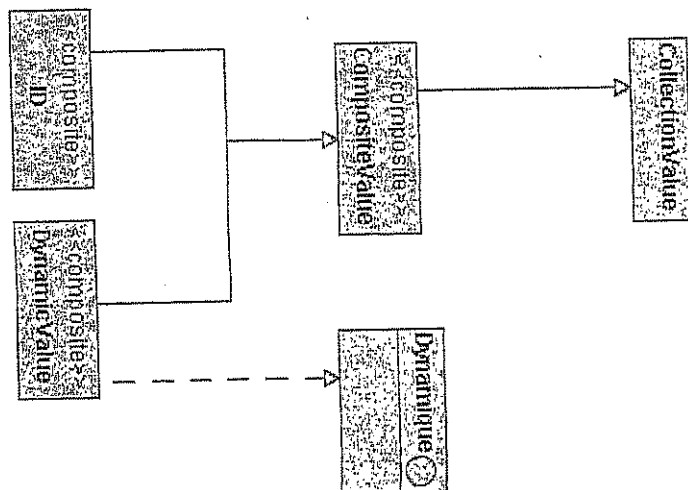


FIG. 34A

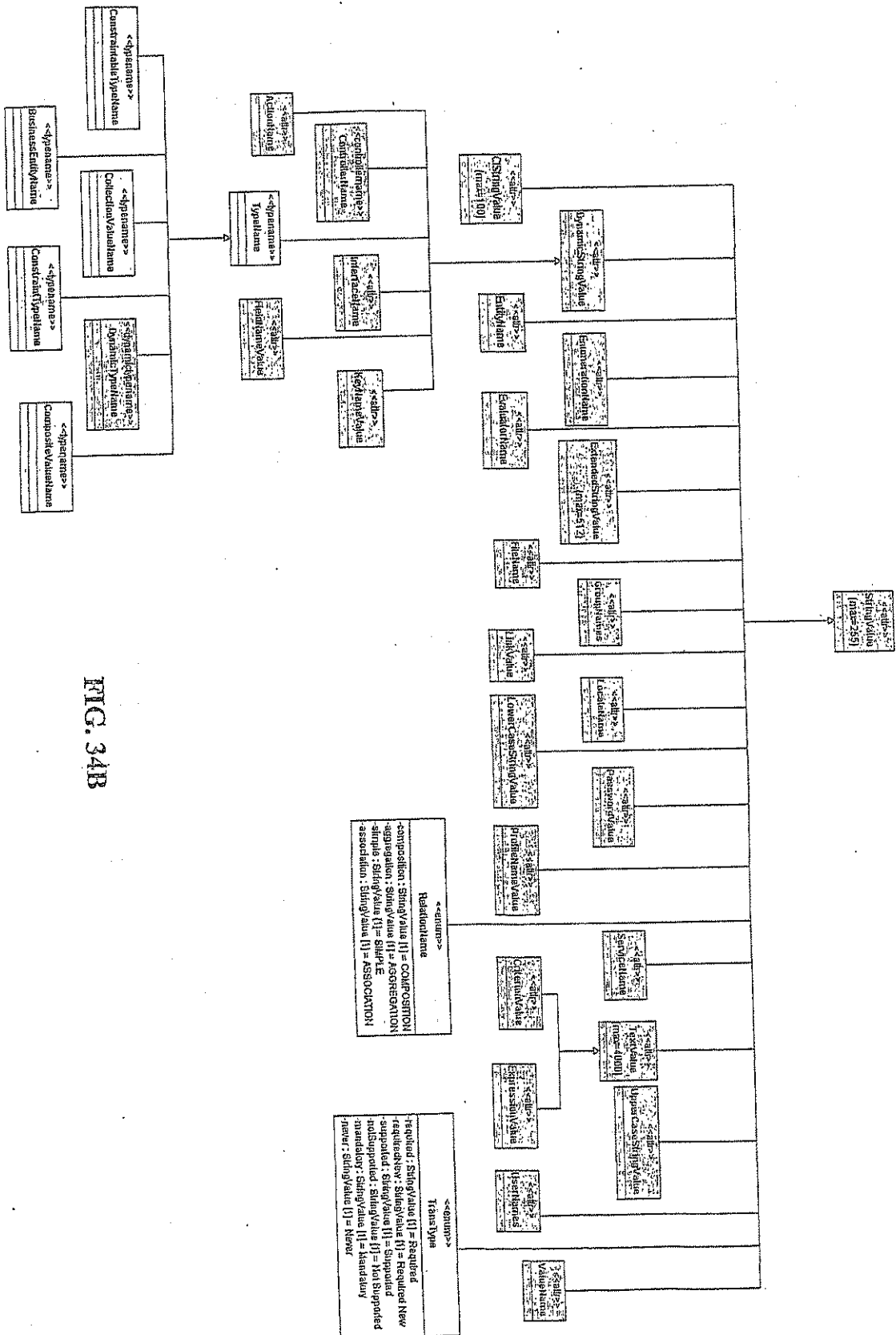


FIG. 34B

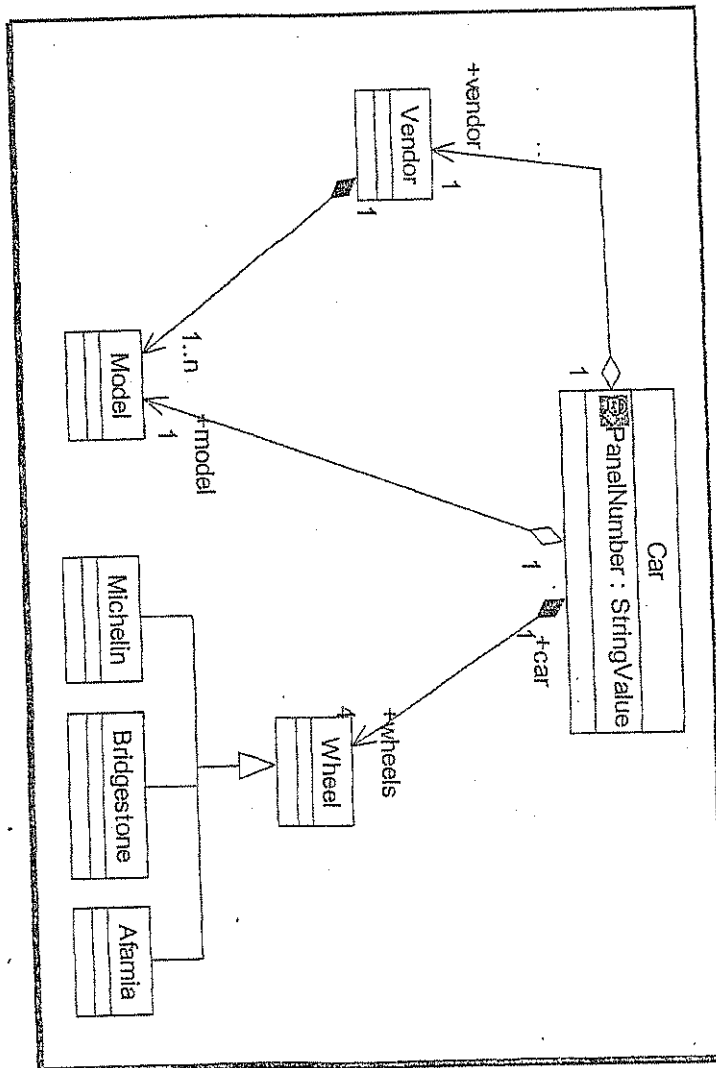


FIG. 35

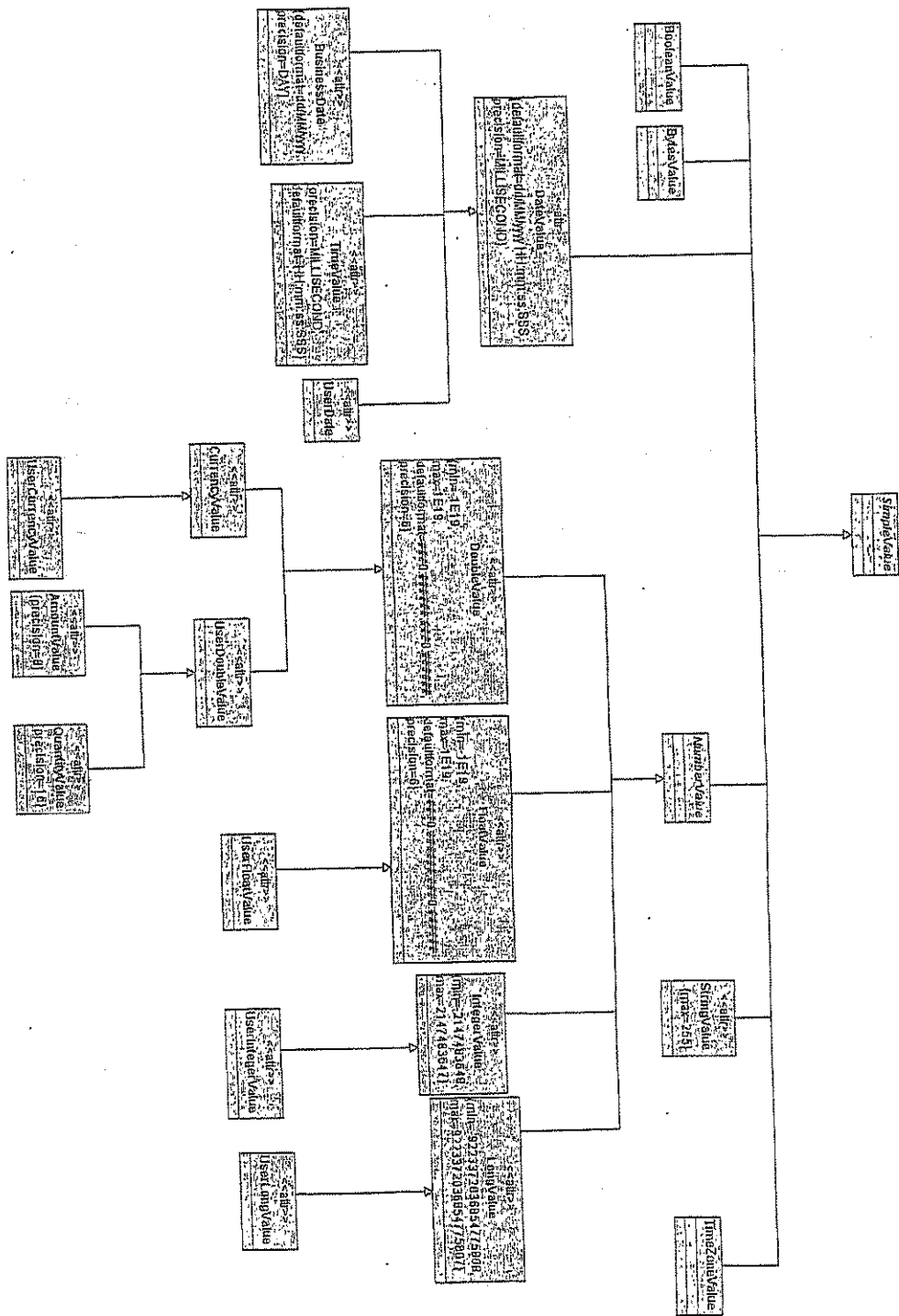


FIG. 36

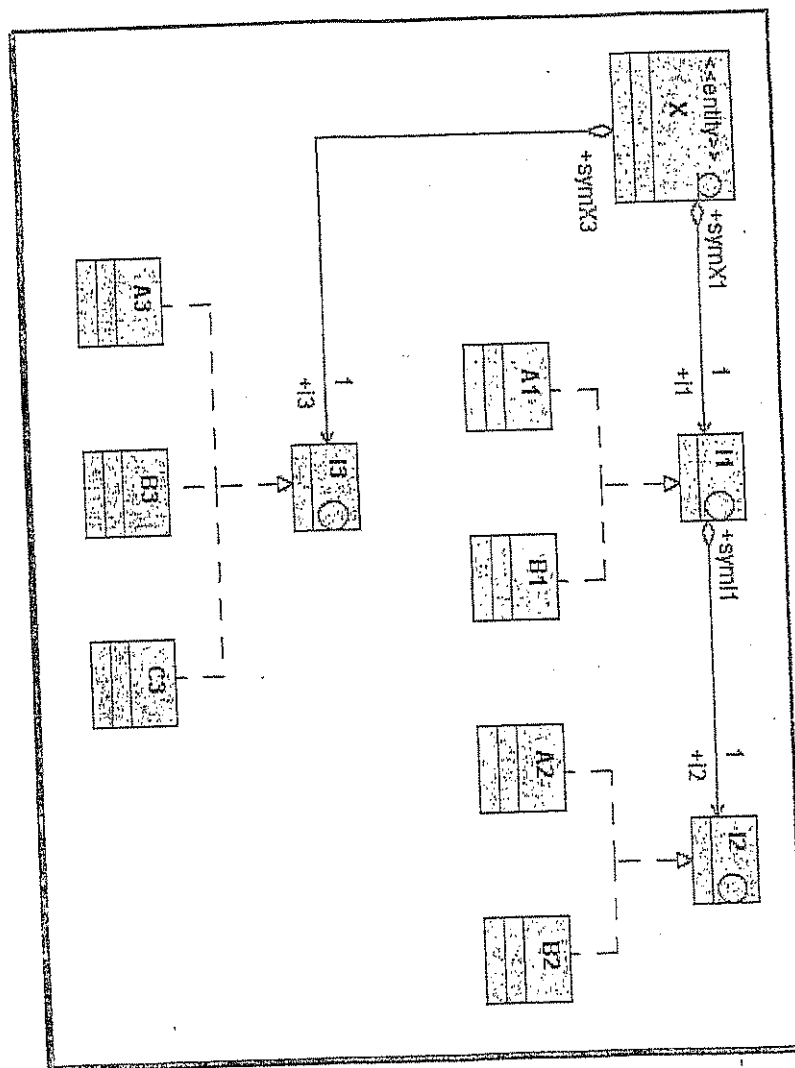


FIG. 37A

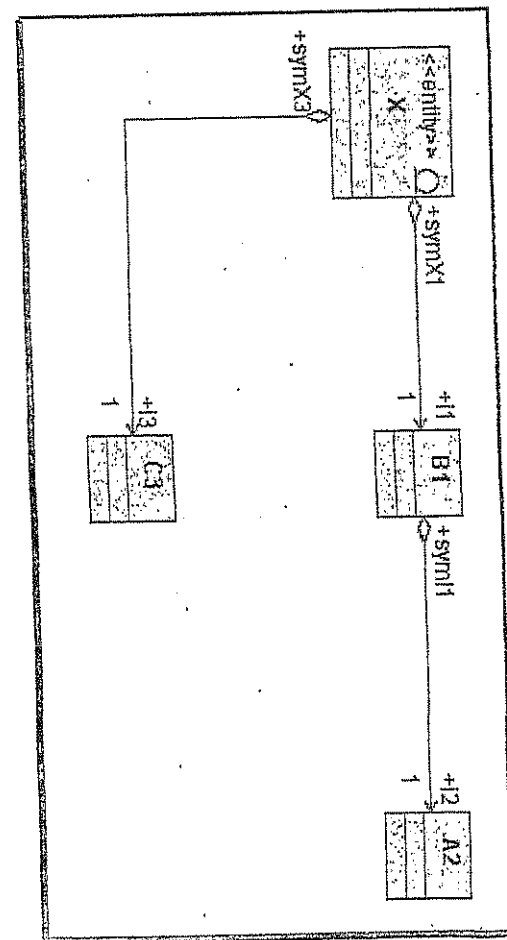


FIG. 37B

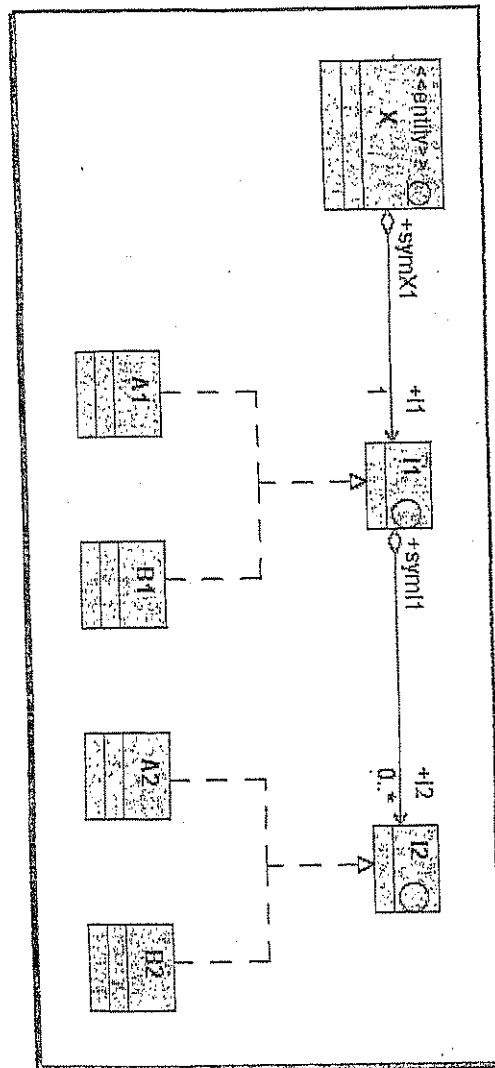


FIG. 38

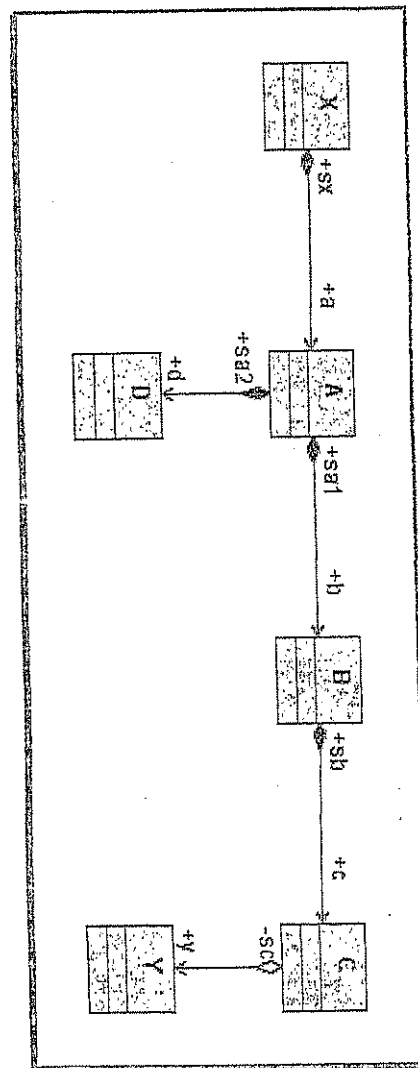


FIG. 39

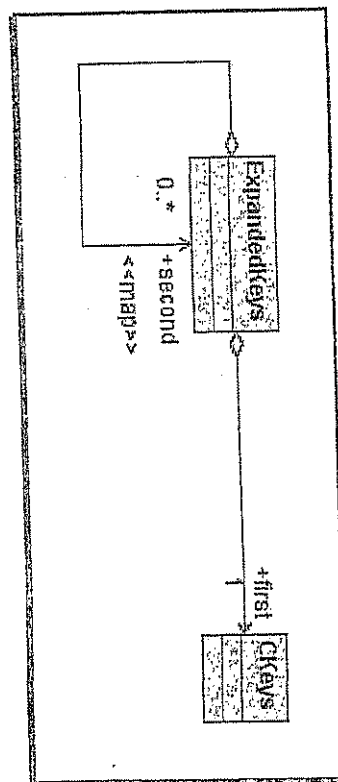


FIG. 40

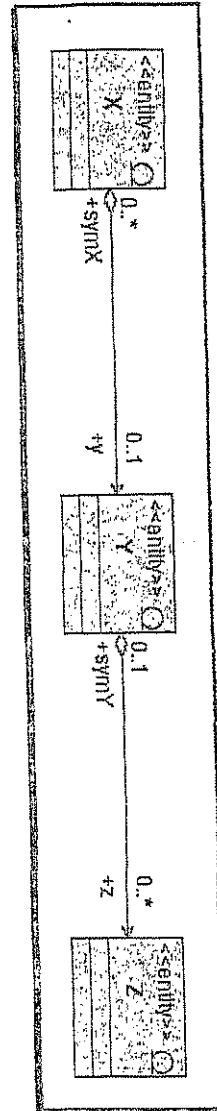


FIG. 41A

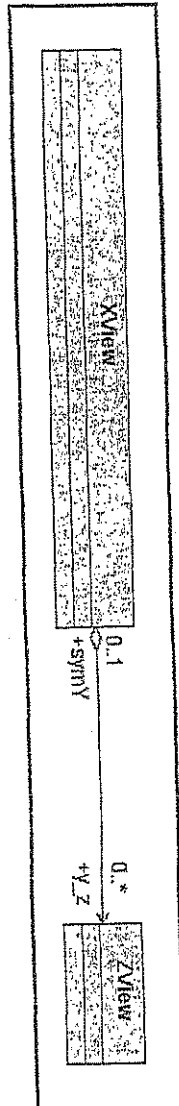


FIG. 41B

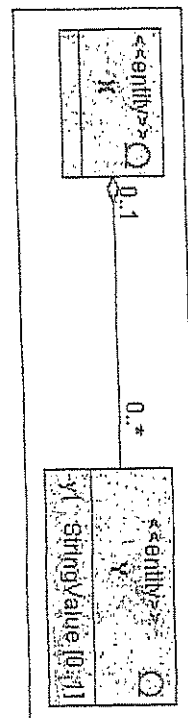


FIG. 41C

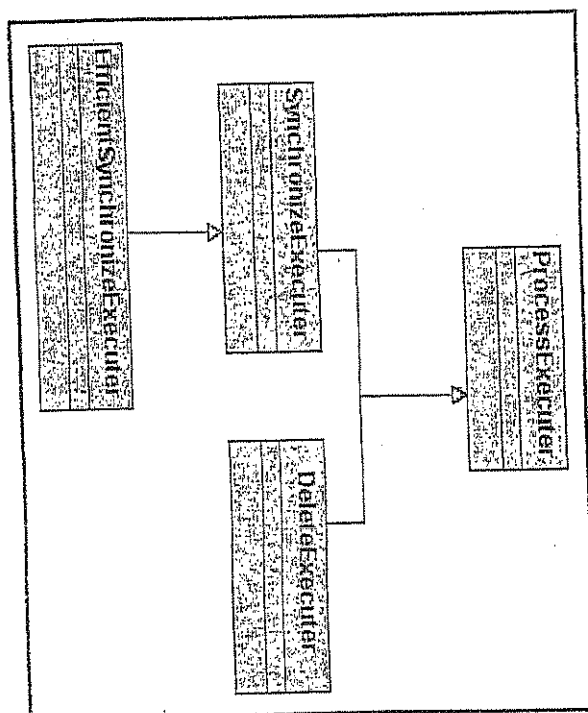


FIG. 42

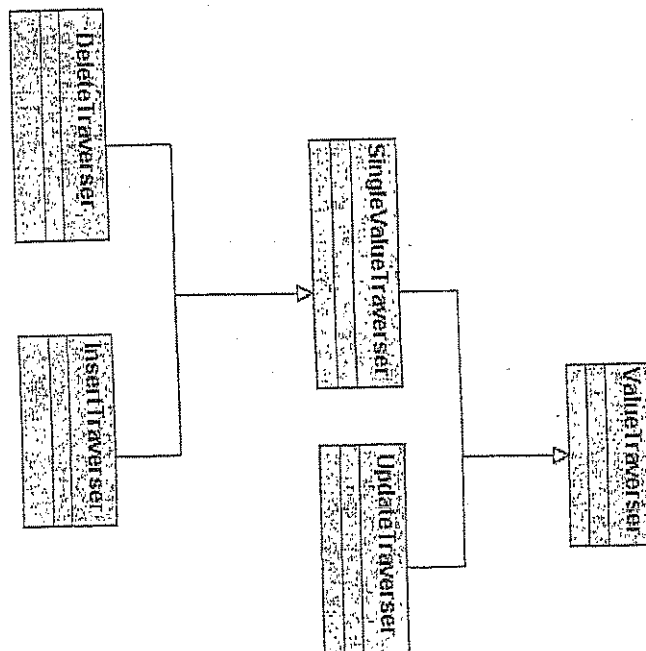


FIG. 43

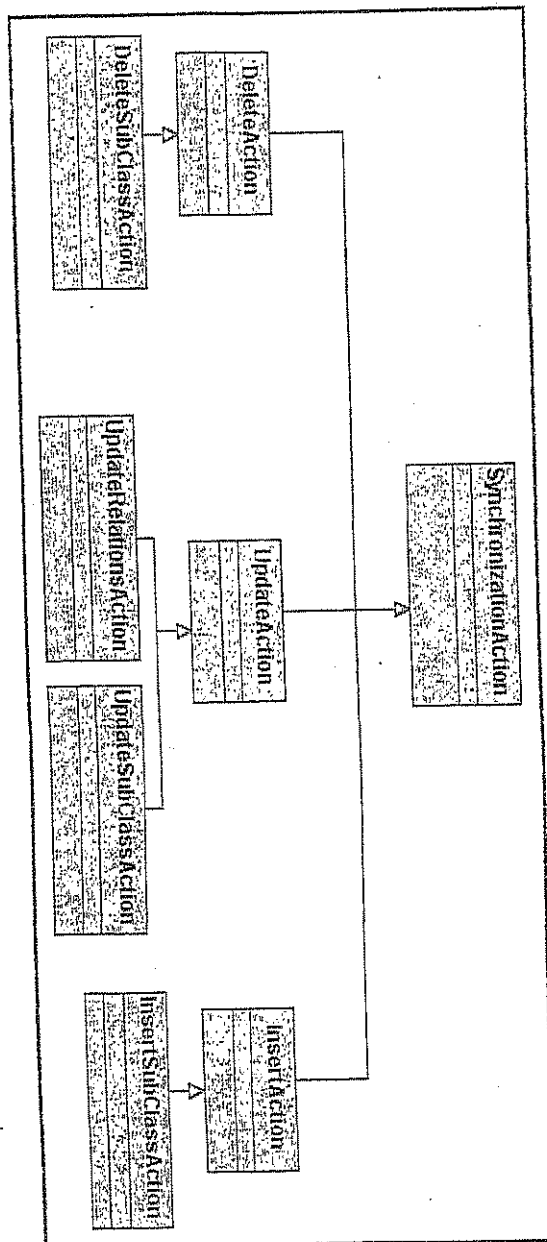


FIG. 44

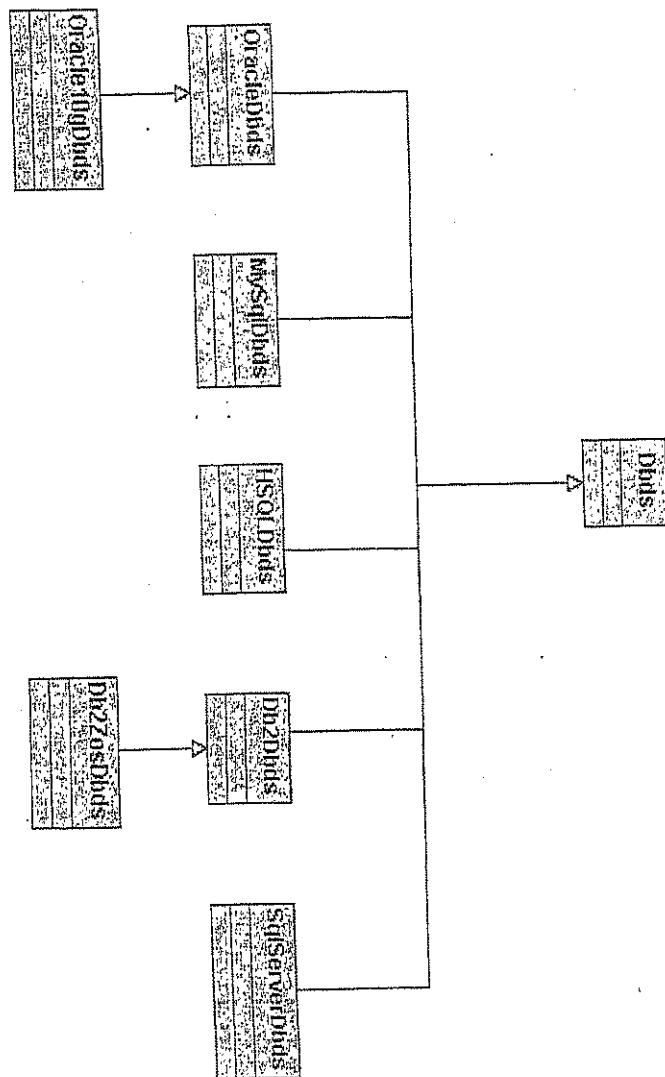


FIG. 45

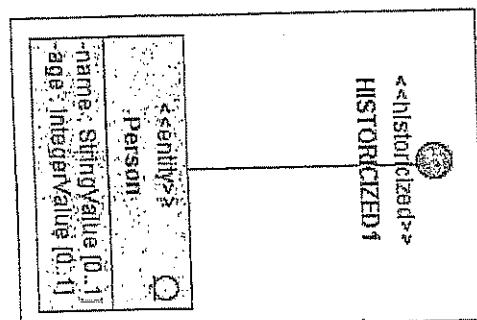


FIG. 46

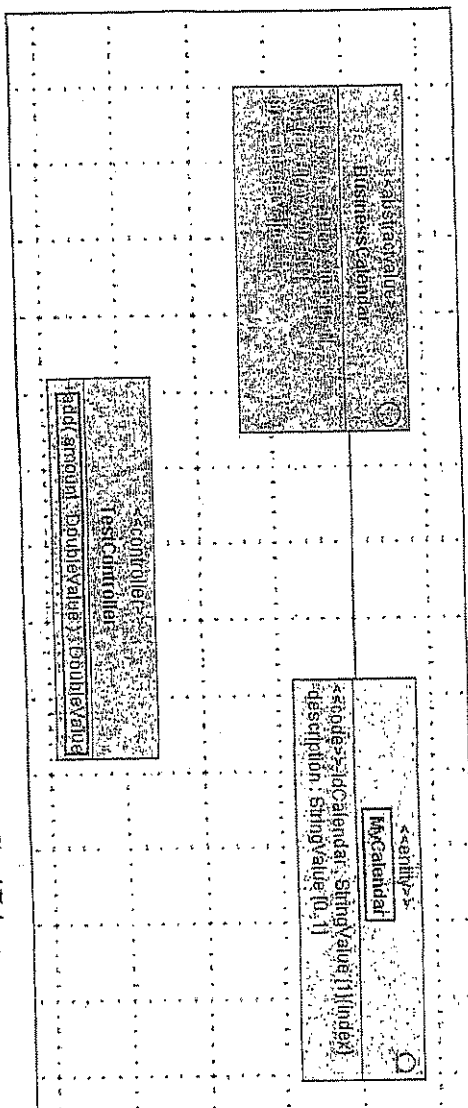


FIG. 47A

F 1: Scheduler Part of a Palmyra Application UML Model

3 Edit JobMessage

JobMessage 1 Message 11

Service Name *

com.TestController

Evaluator Name *

Action Name *

add

User Name *

admin@411

FIG. 47B

Edit: Job Only	
Job ID:	707698
Priority:	Normal
Category:	Holiday Treatment
Phone Job:	☒
Start Date:	2/17/2009 00:00:00
Description:	
Failed Repeat:	☒
Max Allowed Delay:	
Max Retry Count:	
Identifier:	test job
Status:	☒ Executing
Device ID:	
Unit:	
Repeat:	
Link Containing Services in This Schedule: http://com.verimag.services.scheduler MonthlyComVerimagServicesScheduler YearlyComVerimagServicesScheduler	

FIG. 47C

3 Edit: TimeInDay

Time
17:00:00-300

FIG. 47D

Edit: PermanentHoliday		Month
Day in Month	Has	12
26	myCalendar	
Description	DESCRIPTION	
Annual Holiday on 25/12		

FIG. 47E

3 Edit: ExceptioHholiday

Has	Holiday	Description
myCalendar	26/12/2009	Exceptional Holiday on 26/12/2009

24/12/2009 00:00:00-00:00:00

FIG. 47F

3 Edit: Weekend

Has	Days In Week	Description
myCalendar	sun	Sunday is a Weekly Holiday

24/12/2009 00:00:00-00:00:00

FIG. 47G

3 Edit: HolidayEntry

Depend On	myCalendar
-----------	------------

24/12/2009 00:00:00-00:00:00

FIG. 47H

3 Edit: JobEntry

JobEntry	HolidayEntry	JobEntry	JobEntry	JobEntry	JobEntry
Holiday's Treatment	Identifier	Priority	Normal	Track Execution	
Ignore Job	TestJob	Status	Executing		
Start Date	24/12/2009 00:00:00-00:00:00				

FIG. 47I

Search Result: JobExecution									
Job ID	Job Name	Priority	Creation Time	Status	Running Time	Waiting Time	Waiting Reason	Test Job	Test User
1700000000	testjob	3	24/12/2009	Waiting				testjob	admin@AI

Page 1/1 elements

FIG. 47J

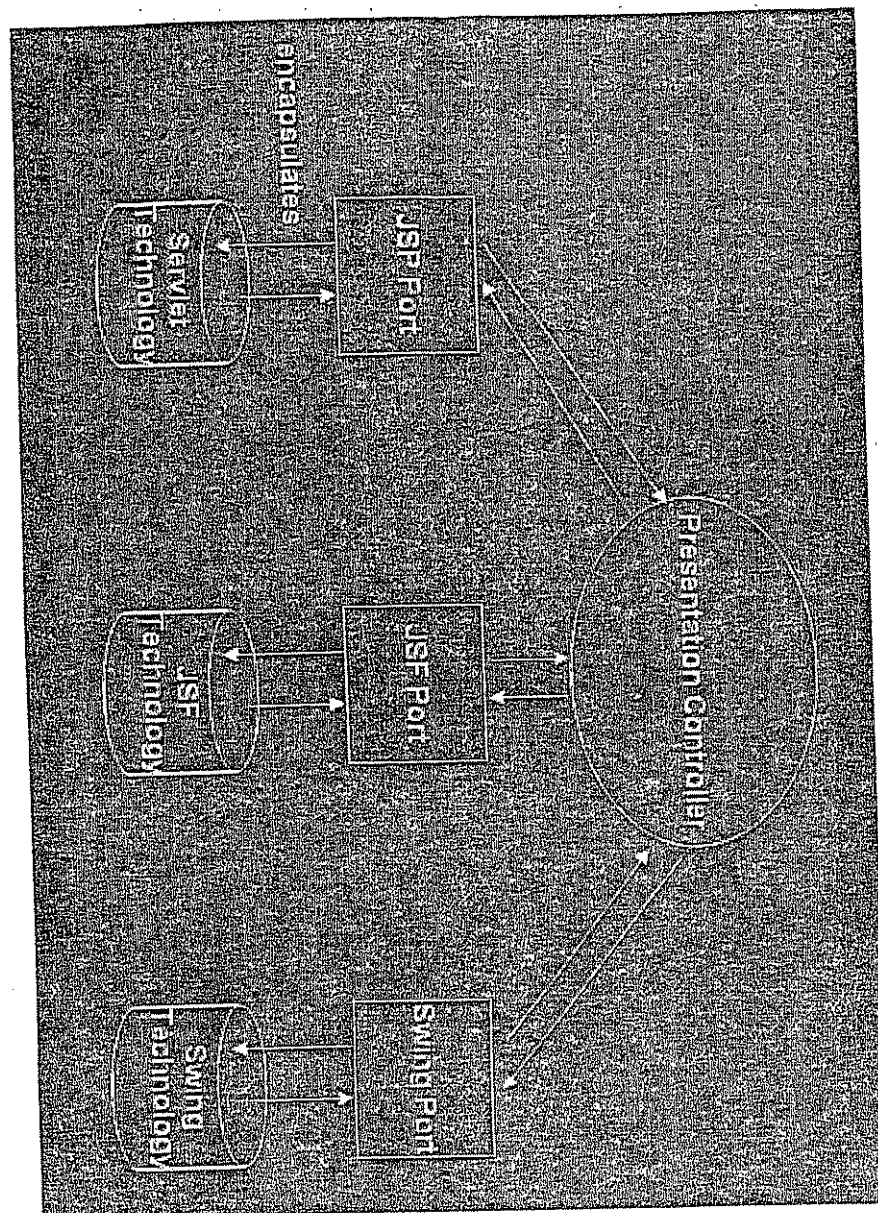


FIG. 48

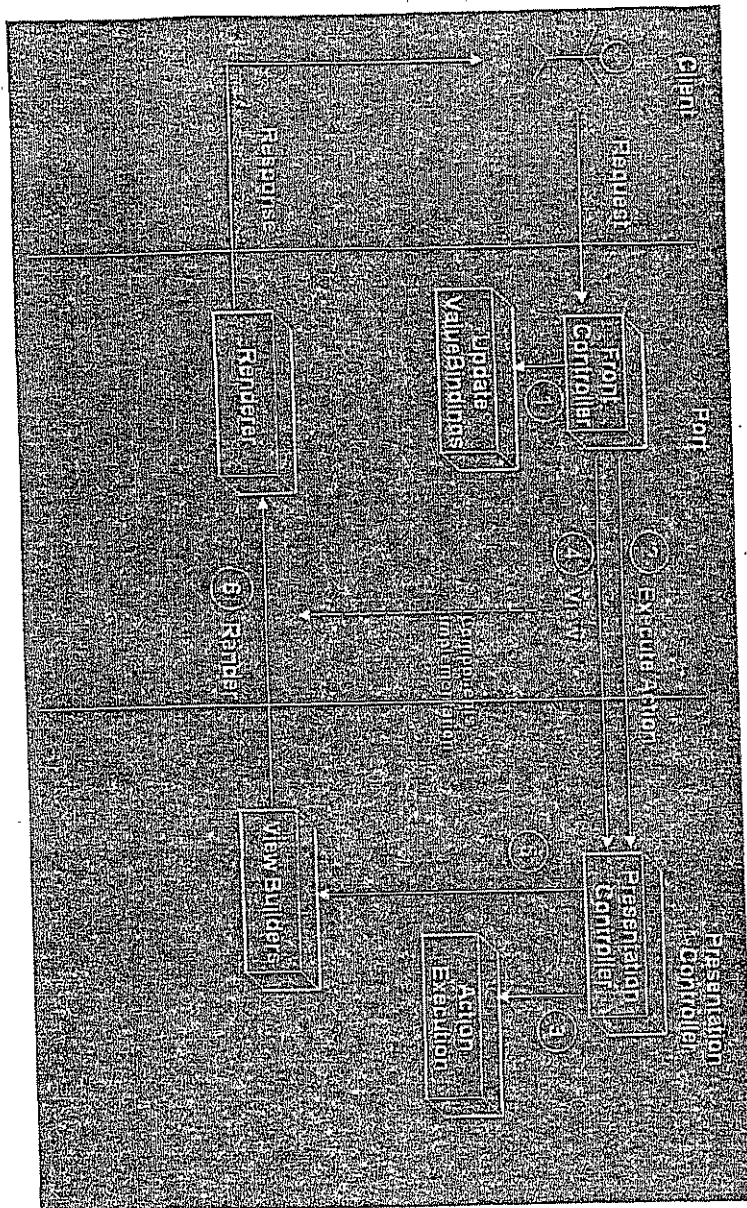


FIG. 49

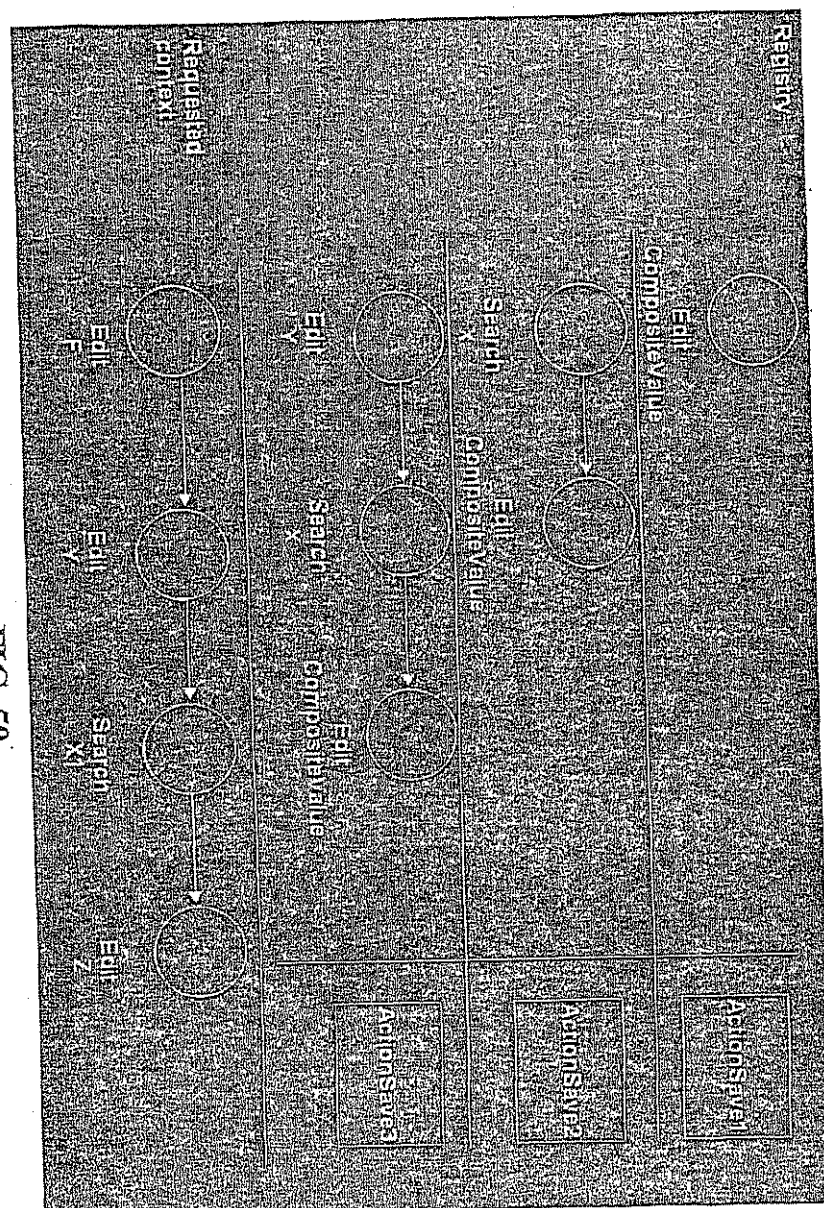


FIG. 50



```

Dec 9, 2009 3:07:28 PM [MegaAccounting-[Palmyra Scheduler Thread]:megara:Scheduler:The
work jobs list size is [1]
Dec 9, 2009 3:07:28 PM [MegaAccounting-[Palmyra Scheduler Thread]:megara:Scheduler:First job
in the registered jobs is [COD_Impact_Reimpact comtable], validate date [09/12/2009
13:00:00:000], old date [null], is phantom [false], is executable [false]
Dec 9, 2009 3:07:28 PM [MegaAccounting-[Palmyra Scheduler
Thread]:megara:Scheduler:Handling registered job ... [COD_Impact_Reimpact comtable], validate
date [09/12/2009 13:00:00:000], status [Executing], new valide date [09/12/2009 18:35:00:000],
new status [Executing]
Dec 9, 2009 3:07:28 PM [MegaAccounting-[Palmyra Scheduler Thread]:megara:Scheduler:The
work jobs list size is [1]
Dec 9, 2009 3:07:28 PM [MegaAccounting-[Palmyra Scheduler Thread]:megara:Scheduler:First job
in the registered jobs is [COD_Impact_Reimpact comtable], validate date [09/12/2009
18:35:00:000], old date [null], is phantom [false], is executable [true]
Dec 9, 2009 3:07:28 PM [MegaAccounting-[Palmyra Scheduler Thread]:megara:Scheduler:The
scheduler [PalmyraScheduler] is waiting for [12451167] milliseconds to [09/12/2009 18:35:00:000]
Dec 9, 2009 3:39:10 PM [MegaAccounting-[Palmyra Scheduler Thread]:megara:Scheduler:The
scheduler [PalmyraScheduler] is notified at date [09/12/2009 15:39:10:369]

Dec 9, 2009 3:39:10 PM [MegaAccounting-[Palmyra Work Jobs Loader
Thread]:megara:Scheduler:Palmyra Work Jobs Loader Thread : notified at [09/12/2009
15:39:10:369], end date [09/12/2009 17:02:18:280]
Dec 9, 2009 3:39:10 PM [MegaAccounting-[Palmyra Work Jobs Loader
Thread]:megara:Scheduler:Palmyra Work Jobs Loader Thread : stoped at [09/12/2009
15:39:10:369]

```

FIG. 52