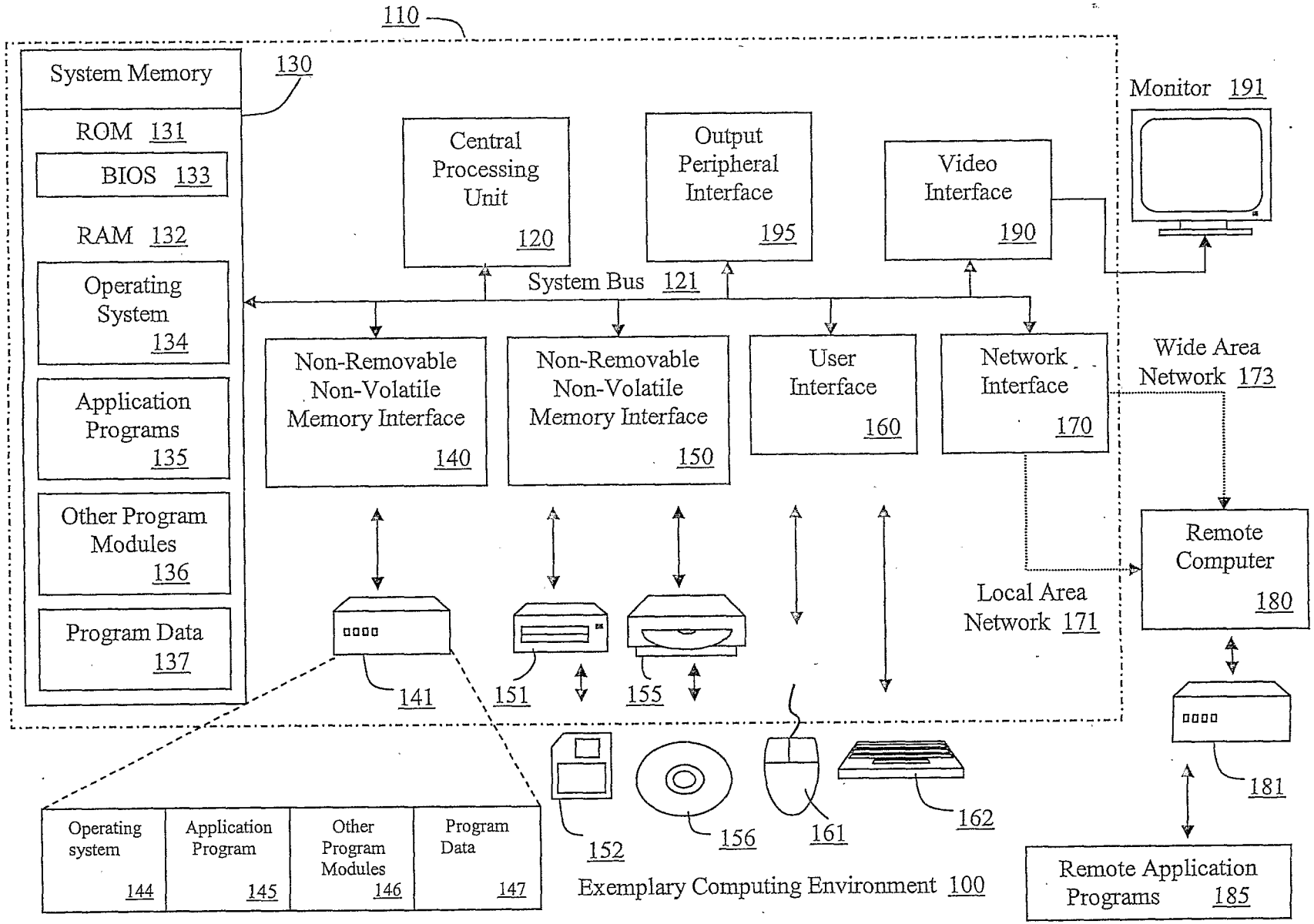
110
System Memory
130
ROM 131
BIOS 133
RAM 132
Operating System 134
Application Programs 135
Other Program Modules 136
Program Data 137
Central Processing Unit 120
Output Peripheral Interface 195
Video Interface 190
Monitor 191
System Bus 121
Non-Removable Non-Volatile Memory Interface 140
Non-Removable Non-Volatile Memory Interface 150
User Interface 160
Network Interface 170
Wide Area Network 173
Remote Computer 180
Local Area Network 171
141
151
155
152
156
161
162
181
Remote Application Programs 185
Operating system 144
Application Program 145
Other Program Modules 146
Program Data 147
Exemplary Computing Environment 100

FIG. 1

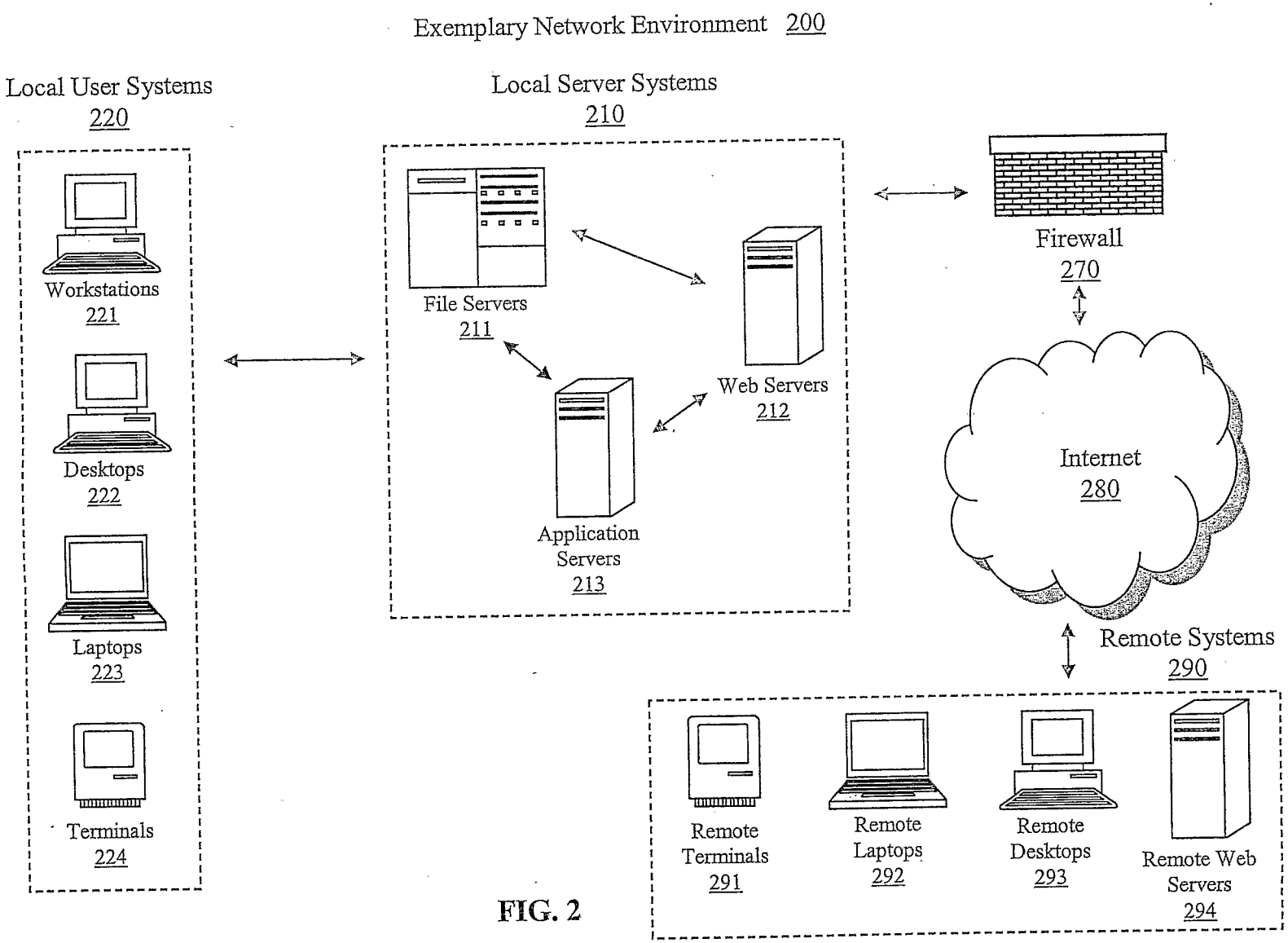
Exemplary Network Environment 200
Local User Systems
220
Workstations
221
Desktops
222
Laptops
223
Terminals
224
Local Server Systems
210
File Servers
211
Web Servers
212
Application
Servers
213
Firewall
270
Internet
280
Remote Systems
290
Remote
Terminals
291
Remote
Laptops
292
Remote
Desktops
293
Remote Web
Servers
294

FIG. 2

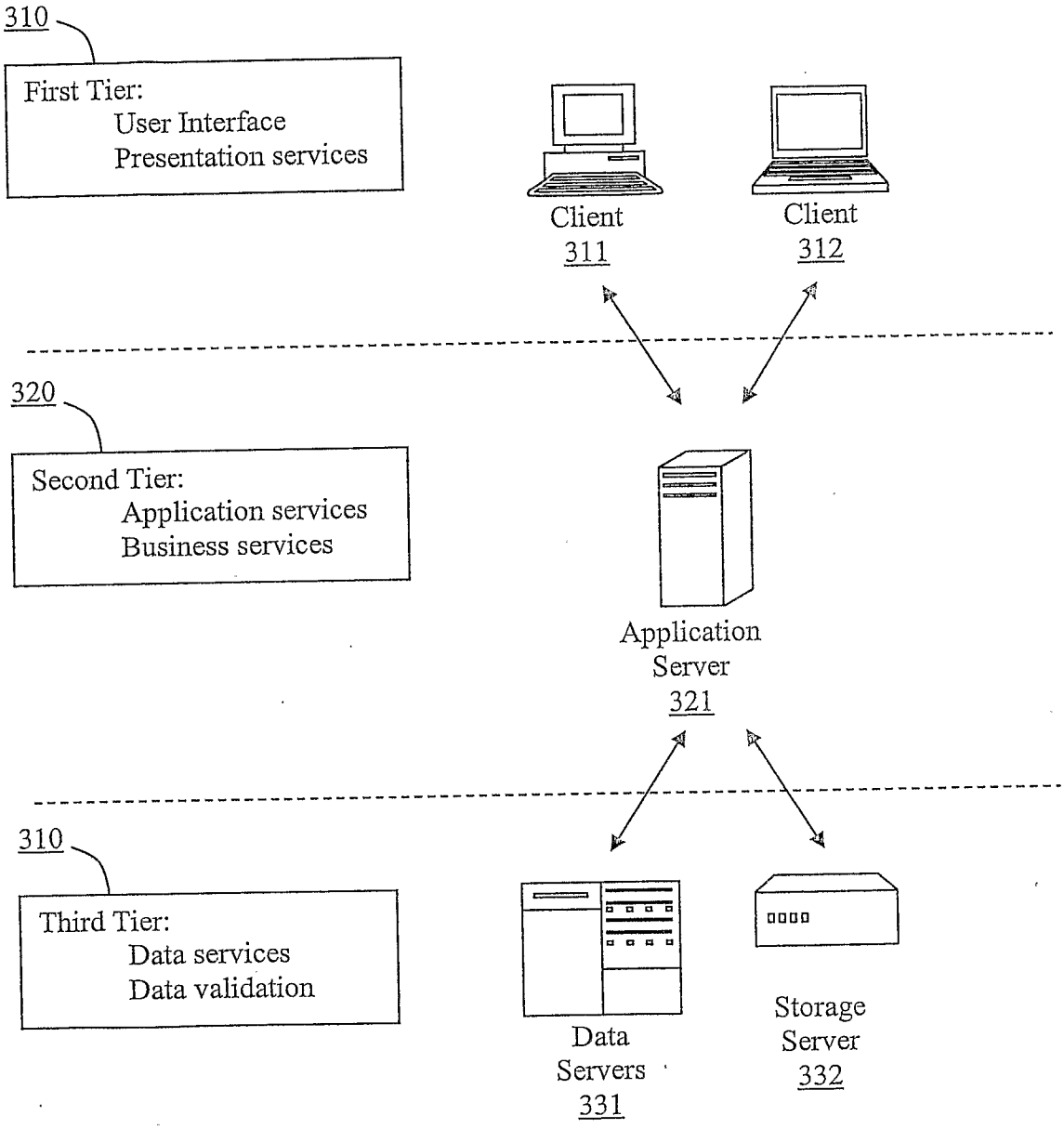
310
First Tier:
User Interface
Presentation services
Client
311
Client
312
320
Second Tier:
Application services
Business services
Application
Server
321
310
Third Tier:
Data services
Data validation
Data
Servers
331
Storage
Server
332

FIG. 3

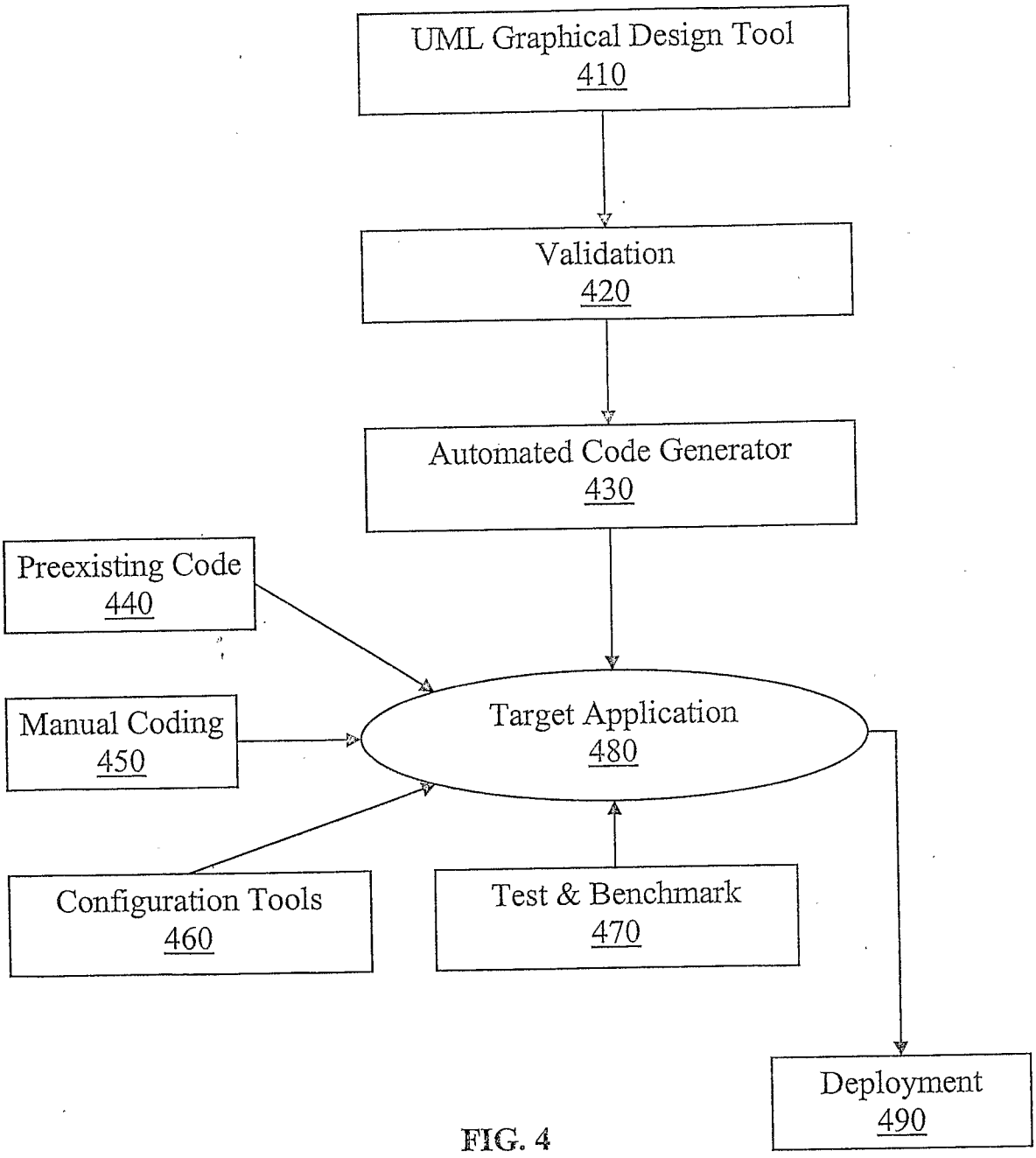
UML Graphical Design Tool
410
Validation
420
Automated Code Generator
430
Preexisting Code
440
Manual Coding
450
Target Application
480
Configuration Tools
460
Test & Benchmark
470
Deployment
490

FIG. 4

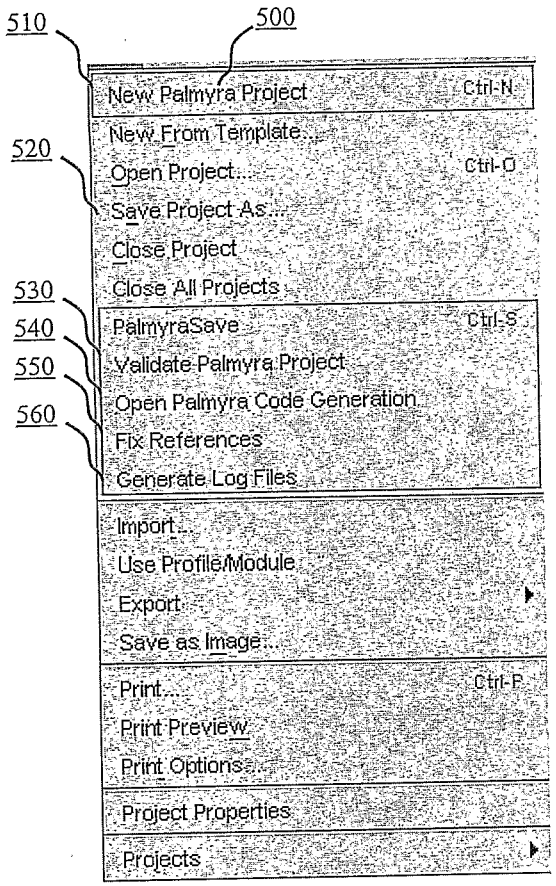
510
500
New Palmyra Project Ctrl-N
New From Template...
520
Open Project... Ctrl-O
Save Project As...
Close Project
Close All Projects
530
PalmyraSave Ctrl-S
540
Validate Palmyra Project
550
Open Palmyra Code Generation
560
Fix References
Generate Log Files
Import...
Use Profile/Module
Export
Save as Image...
Print... Ctrl-P
Print Preview
Print Options...
Project Properties
Projects

FIG. 5

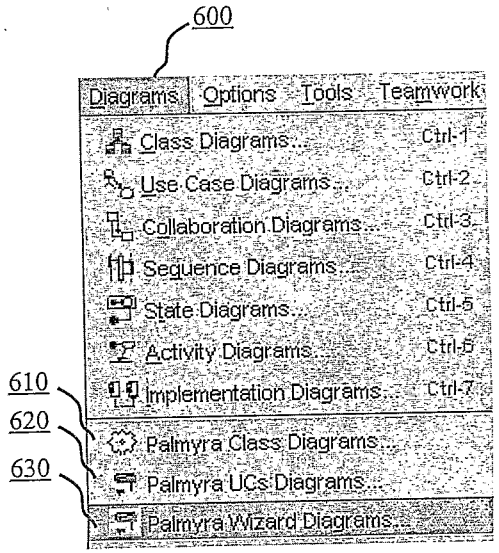
600
Diagrams Options Tools Teamwork
Class Diagrams... Ctrl-1
Use Case Diagrams... Ctrl-2
Collaboration Diagrams... Ctrl-3
Sequence Diagrams... Ctrl-4
State Diagrams... Ctrl-5
Activity Diagrams... Ctrl-6
Implementation Diagrams... Ctrl-7
610
620
630
Palmyra Class Diagrams...
Palmyra UCs Diagrams...
Palmyra Wizard Diagrams...

FIG. 6

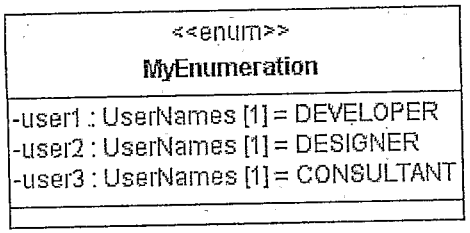

FIG. 7A

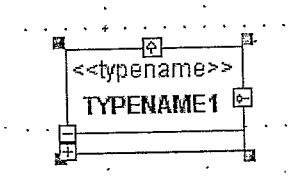

FIG. 7B

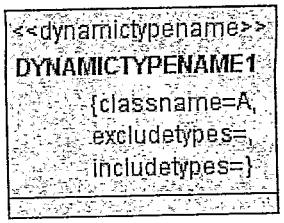

FIG. 7C

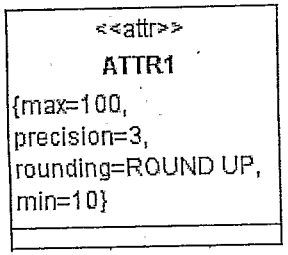

FIG. 7D

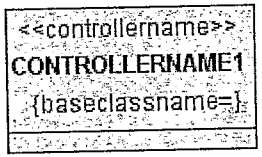

FIG. 7E

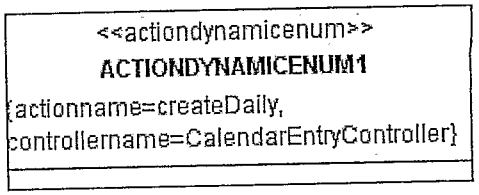

FIG. 7F

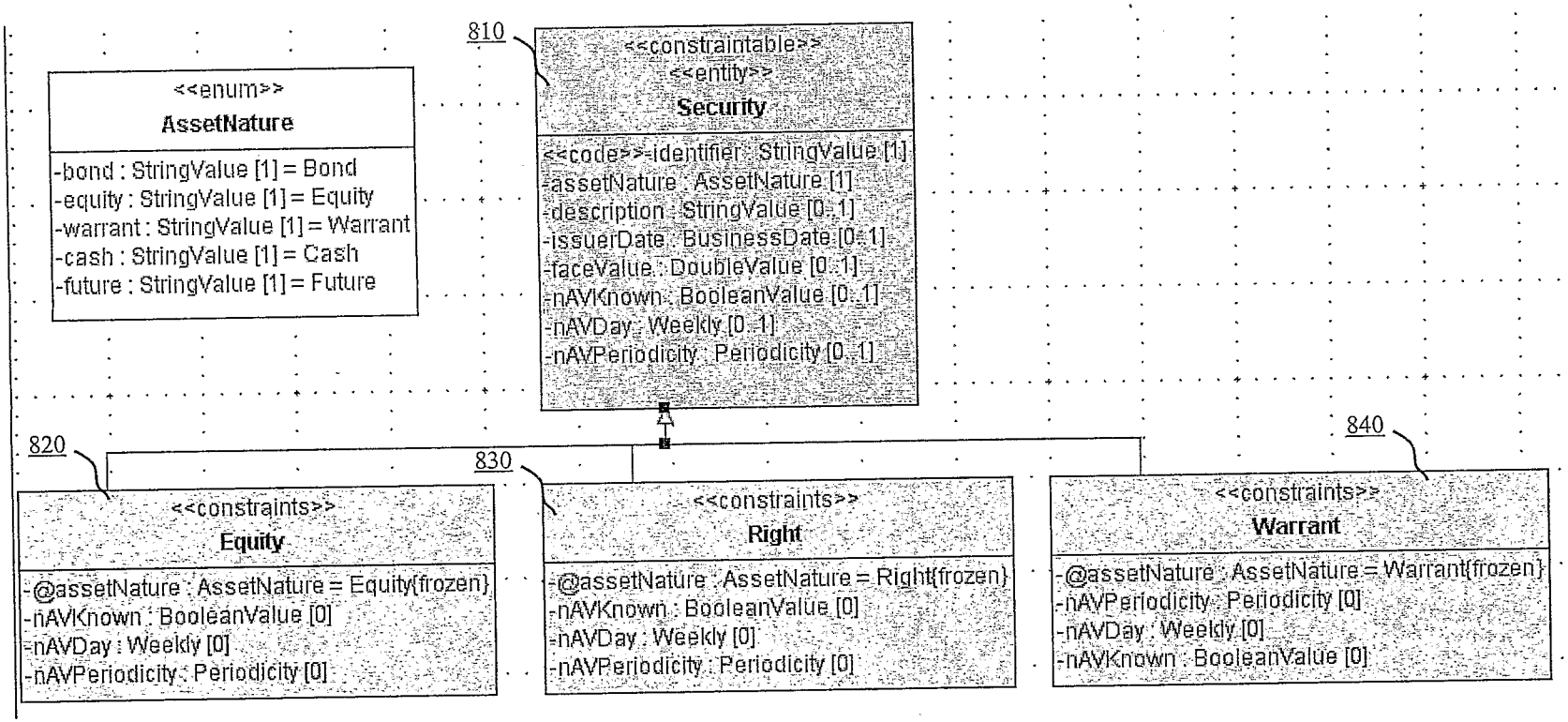
810
<<constraintable>>
<<entity>>
Security
<<code>>-identifier : StringValue [1]
-assetNature : AssetNature [1]
-description : StringValue [0..1]
-issuerDate : BusinessDate [0..1]
-faceValue : DoubleValue [0..1]
-nAVKnown : BooleanValue [0..1]
-nAVDay : Weekly [0..1]
-nAVPeriodicity : Periodicity [0..1]
<<enum>>
AssetNature
-bond : StringValue [1] = Bond
-equity : StringValue [1] = Equity
-warrant : StringValue [1] = Warrant
-cash : StringValue [1] = Cash
-future : StringValue [1] = Future
820
<<constraints>>
Equity
-@assetNature : AssetNature = Equity{frozen}
-nAVKnown : BooleanValue [0]
-nAVDay : Weekly [0]
-nAVPeriodicity : Periodicity [0]
830
<<constraints>>
Right
-@assetNature : AssetNature = Right{frozen}
-nAVKnown : BooleanValue [0]
-nAVDay : Weekly [0]
-nAVPeriodicity : Periodicity [0]
840
<<constraints>>
Warrant
-@assetNature : AssetNature = Warrant{frozen}
-nAVPeriodicity : Periodicity [0]
-nAVDay : Weekly [0]
-nAVKnown : BooleanValue [0]

FIG. 8

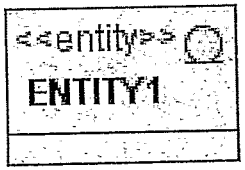

FIG. 9A

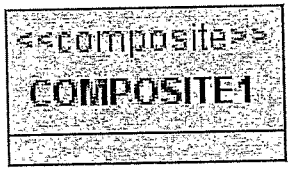

FIG. 9B

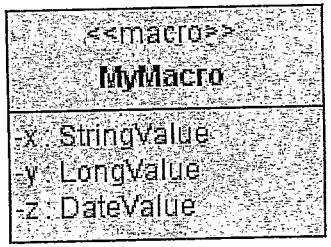

FIG. 9C

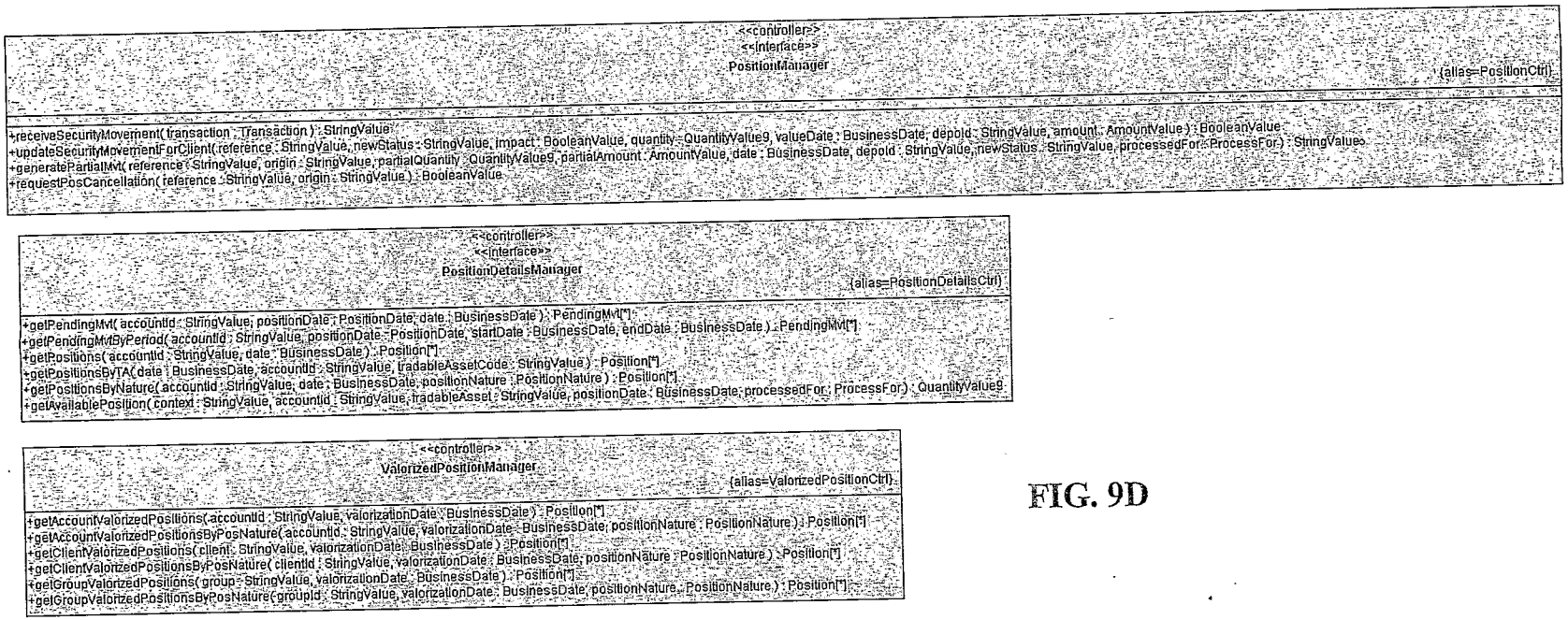

FIG. 9D

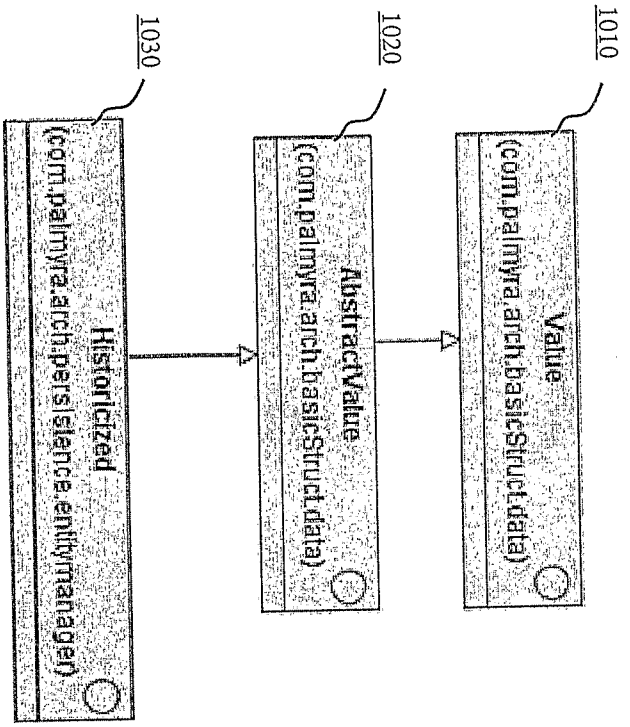
1010
Value
(com.palmyra.arch.basicStruct.data)
1020
AbstractValue
(com.palmyra.arch.basicStruct.data)
1030
Historicized
(com.palmyra.arch.persistence.entitymanager)

FIG. 10

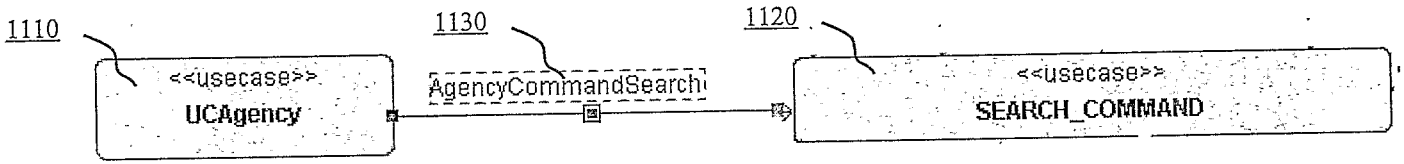
1110
<<usecase>>
UCAgency
1130
AgencyCommandSearch
1120
<<usecase>>
SEARCH_COMMAND

FIG. 11

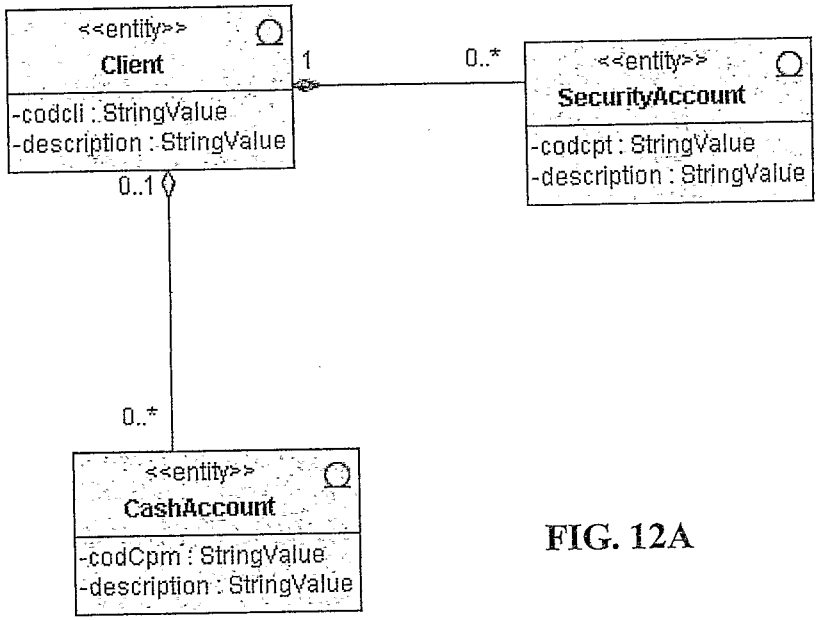

FIG. 12A

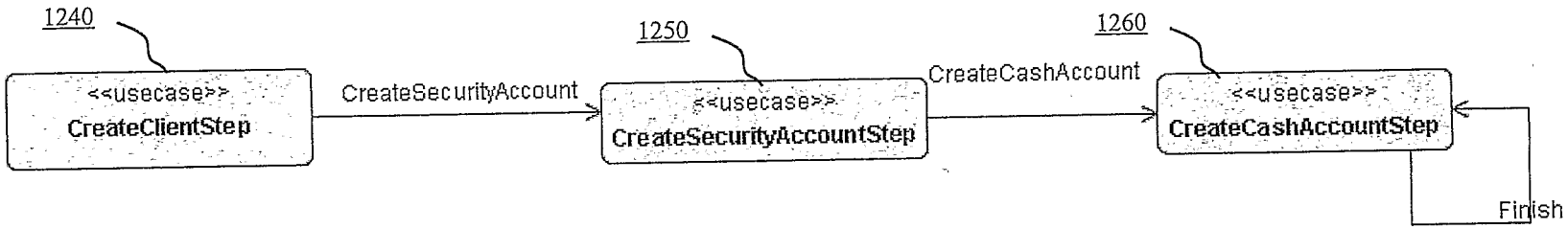

FIG. 12B

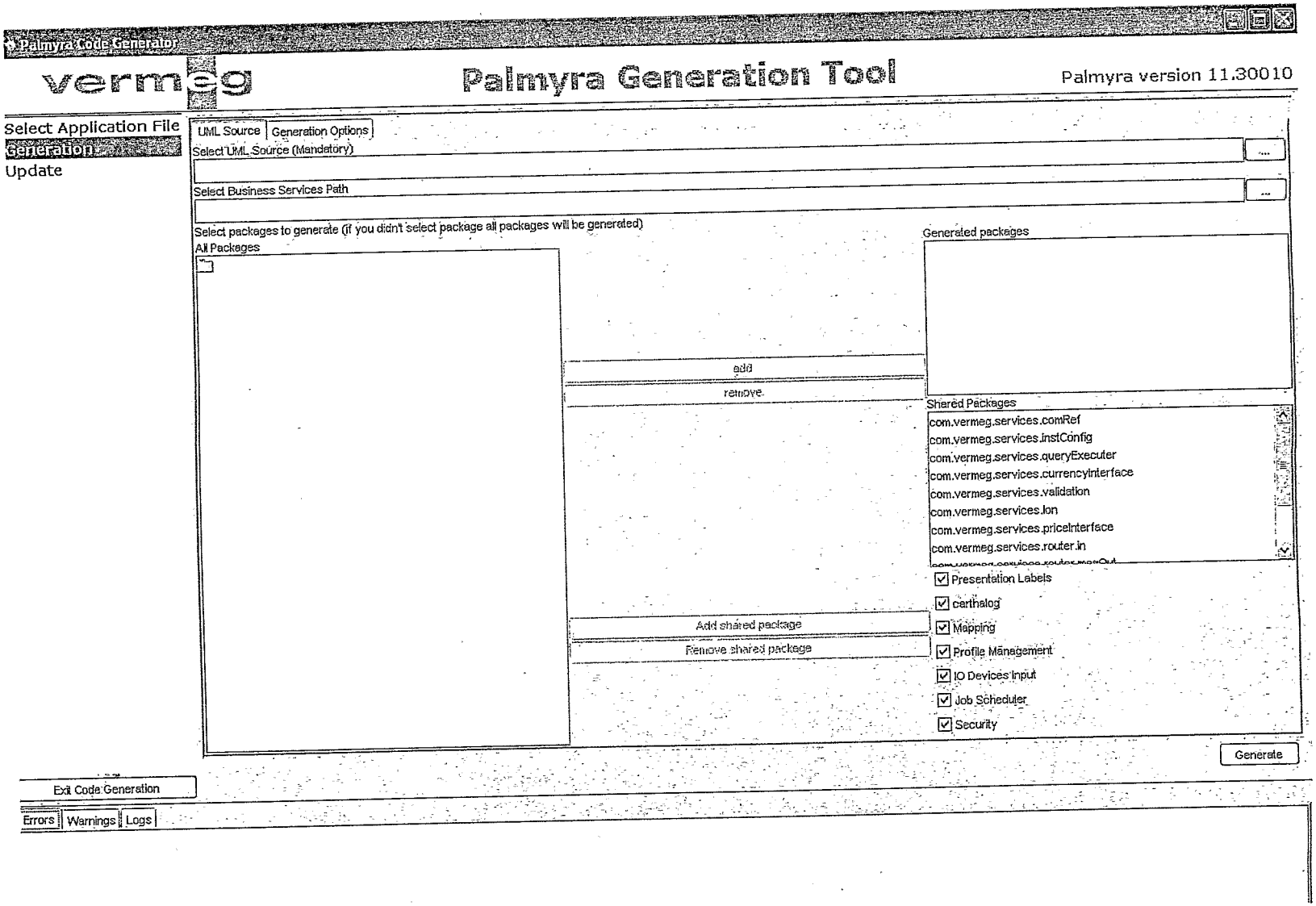
Palmyra Code Generator
vermeg
Palmyra Generation Tool
Palmyra version 11.30010
Select Application File
Generation
Update
UML Source
Generation Options
Select UML Source (Mandatory)
Select Business Services Path
Select packages to generate (if you didn't select package all packages will be generated)
All Packages
add
remove
Add shared package
Remove shared package
Generated packages
Shared Packages
com.vermeg.services.comRef
com.vermeg.services.instConfig
com.vermeg.services.queryExecuter
com.vermeg.services.currencyInterface
com.vermeg.services.validation
com.vermeg.services.lon
com.vermeg.services.priceInterface
com.vermeg.services.router.in
Presentation Labels
carthalog
Mapping
Profile Management
IO Devices Input
Job Scheduler
Security
Generate
Exit Code Generation
Errors
Warnings
Logs

FIG. 13B

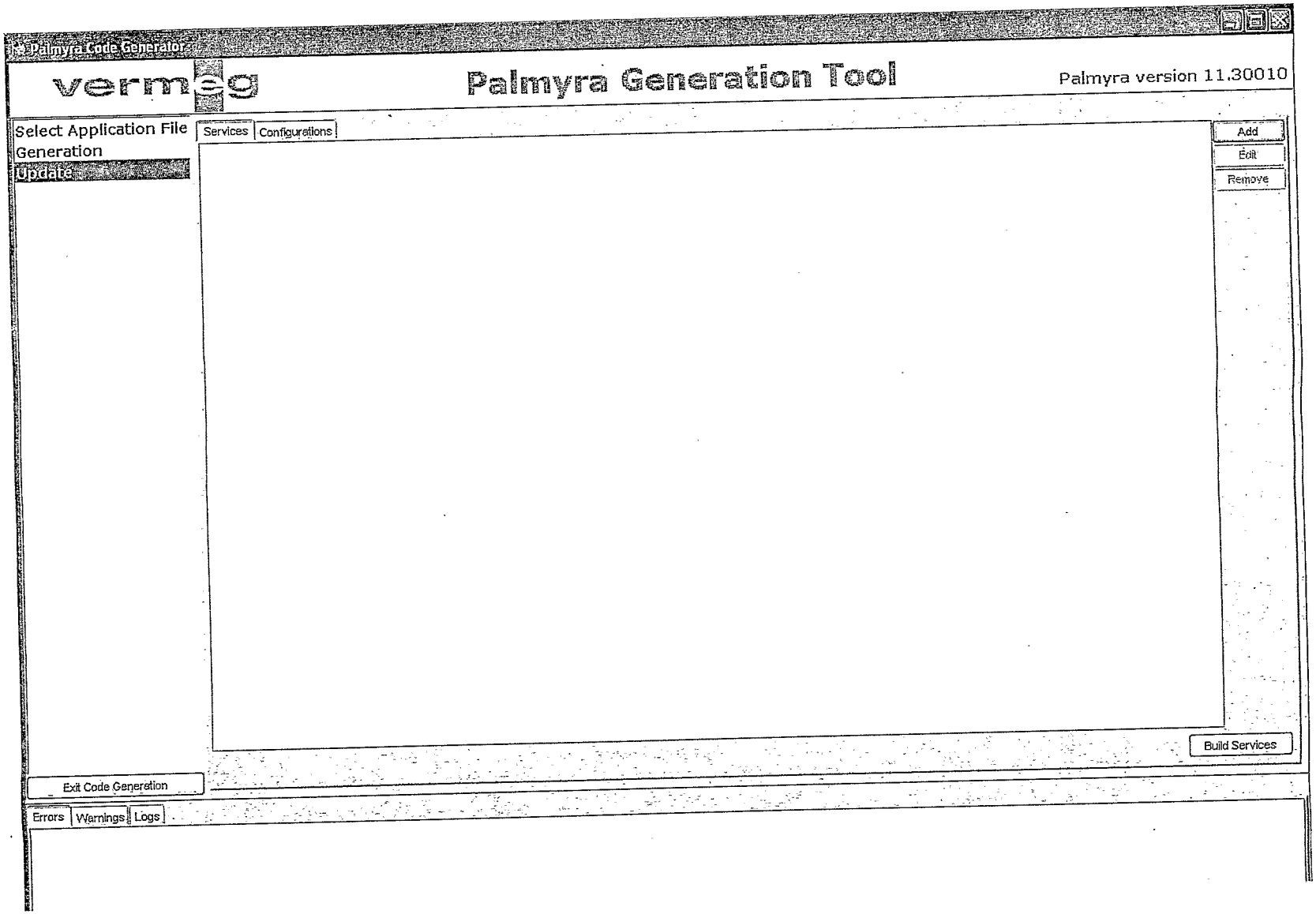
Palmyra Code Generator
vermeg
Palmyra Generation Tool
Palmyra version 11.30010
Select Application File
Generation
Update
Services
Configurations
Add
Edit
Remove
Build Services
Exit Code Generation
Errors
Warnings
Logs

FIG. 13C

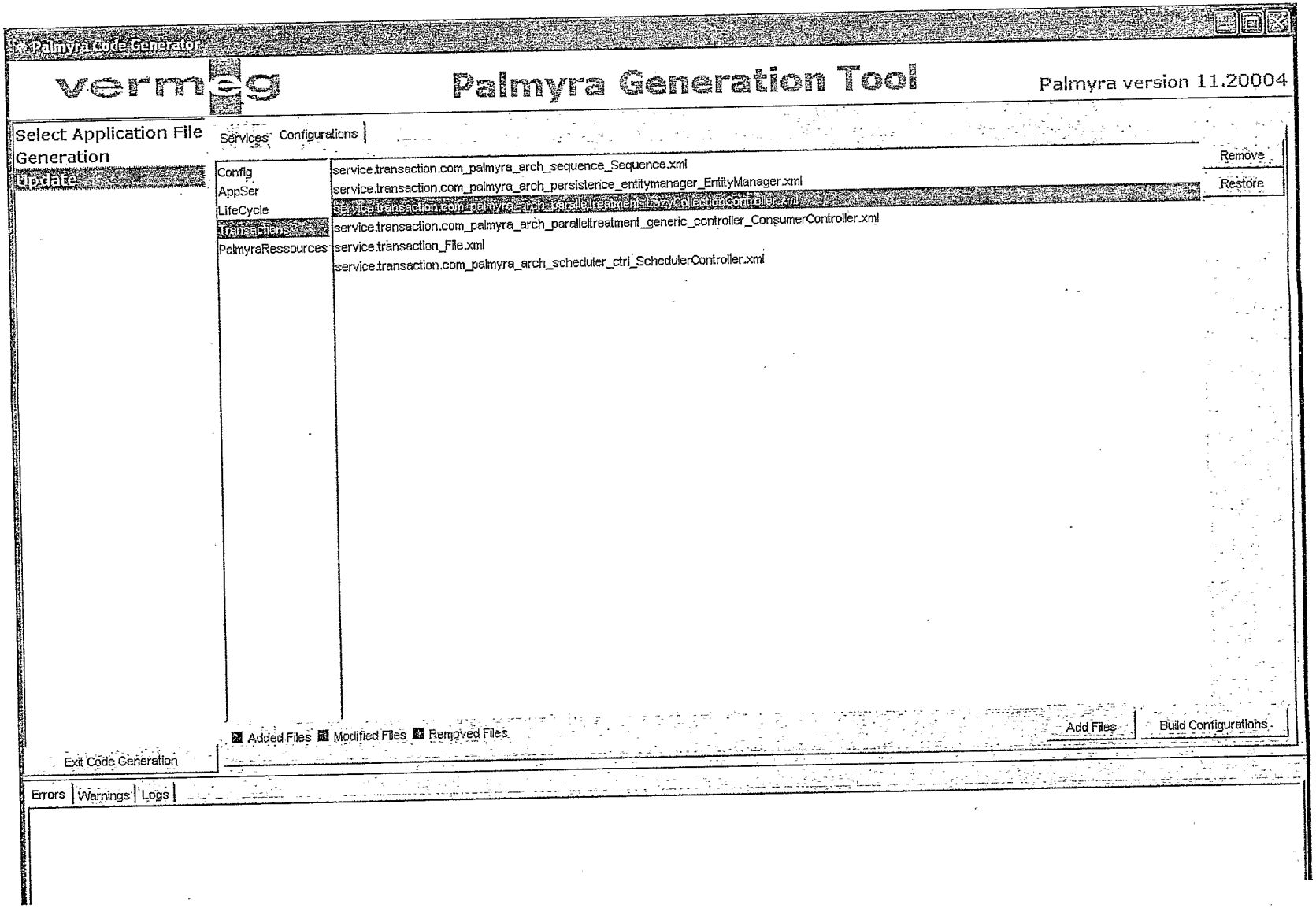
Palmyra Code Generator
vermeg
Palmyra Generation Tool
Palmyra version 11.20004
Select Application File Generation
Update
Services
Configurations
Config
AppSer
LifeCycle
Transactions
PalmyraRessources
service.transaction.com_palmyra_arch_sequence_Sequence.xml
service.transaction.com_palmyra_arch_persistence_entitymanager_EntityManager.xml
service.transaction.com_palmyra_arch_paralleltreatment_lazycollection_controller.xml
service.transaction.com_palmyra_arch_paralleltreatment_generic_controller_ConsumerController.xml
service.transaction_File.xml
service.transaction.com_palmyra_arch_scheduler_ctrl_SchedulerController.xml
Remove
Restore
Added Files
Modified Files
Removed Files
Add Files
Build Configurations
Exit Code Generation
Errors
Warnings
Logs

FIG. 13D

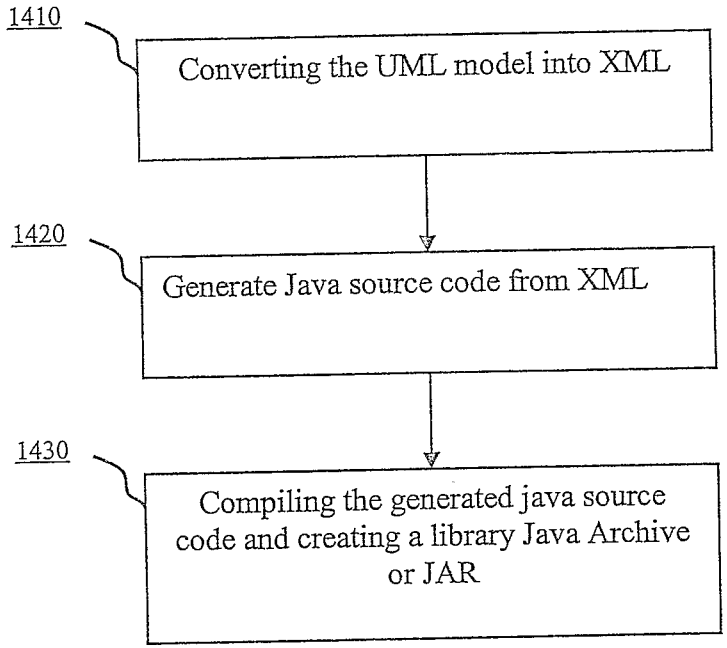
1410
Converting the UML model into XML
1420
Generate Java source code from XML
1430
Compiling the generated java source code and creating a library Java Archive or JAR

FIG. 14

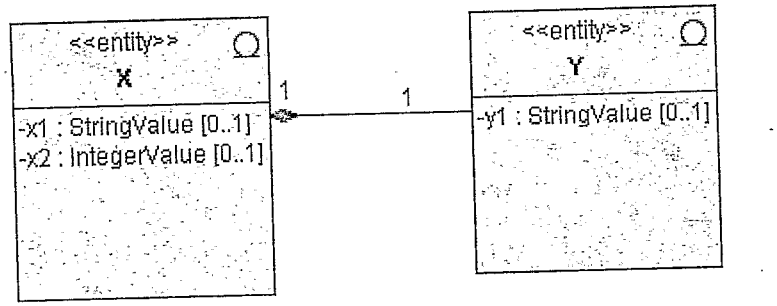

FIG. 15A

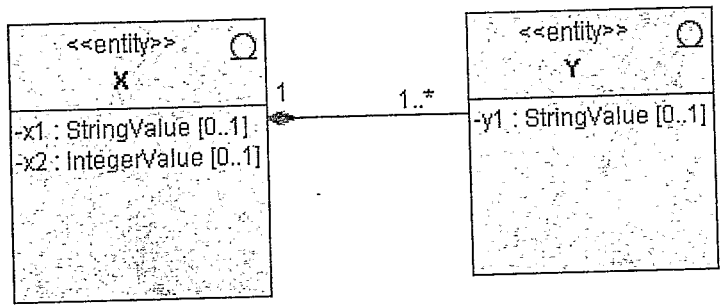

FIG. 15B

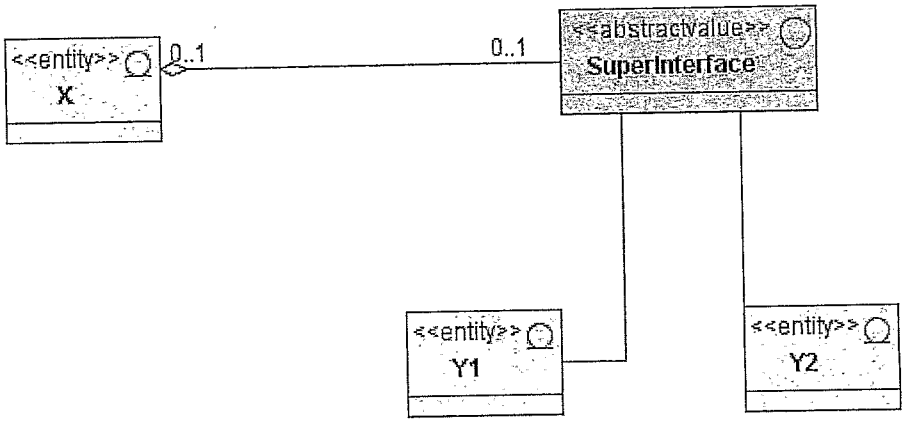
<<entity>>
X
0..1
0..1
<<abstractvalue>>
SuperInterface
<<entity>>
Y1
<<entity>>
Y2

FIG. 16

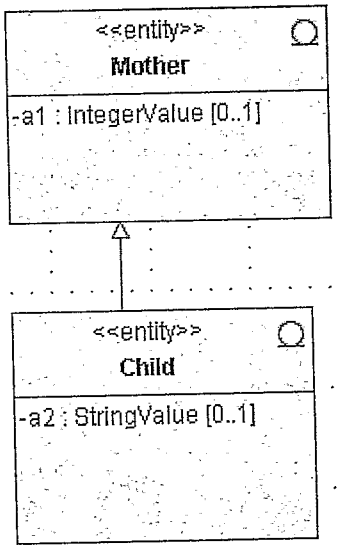
<<entity>>
Mother
-a1 : IntegerValue [0..1]
<<entity>>
Child
-a2 : StringValue [0..1]

FIG. 17

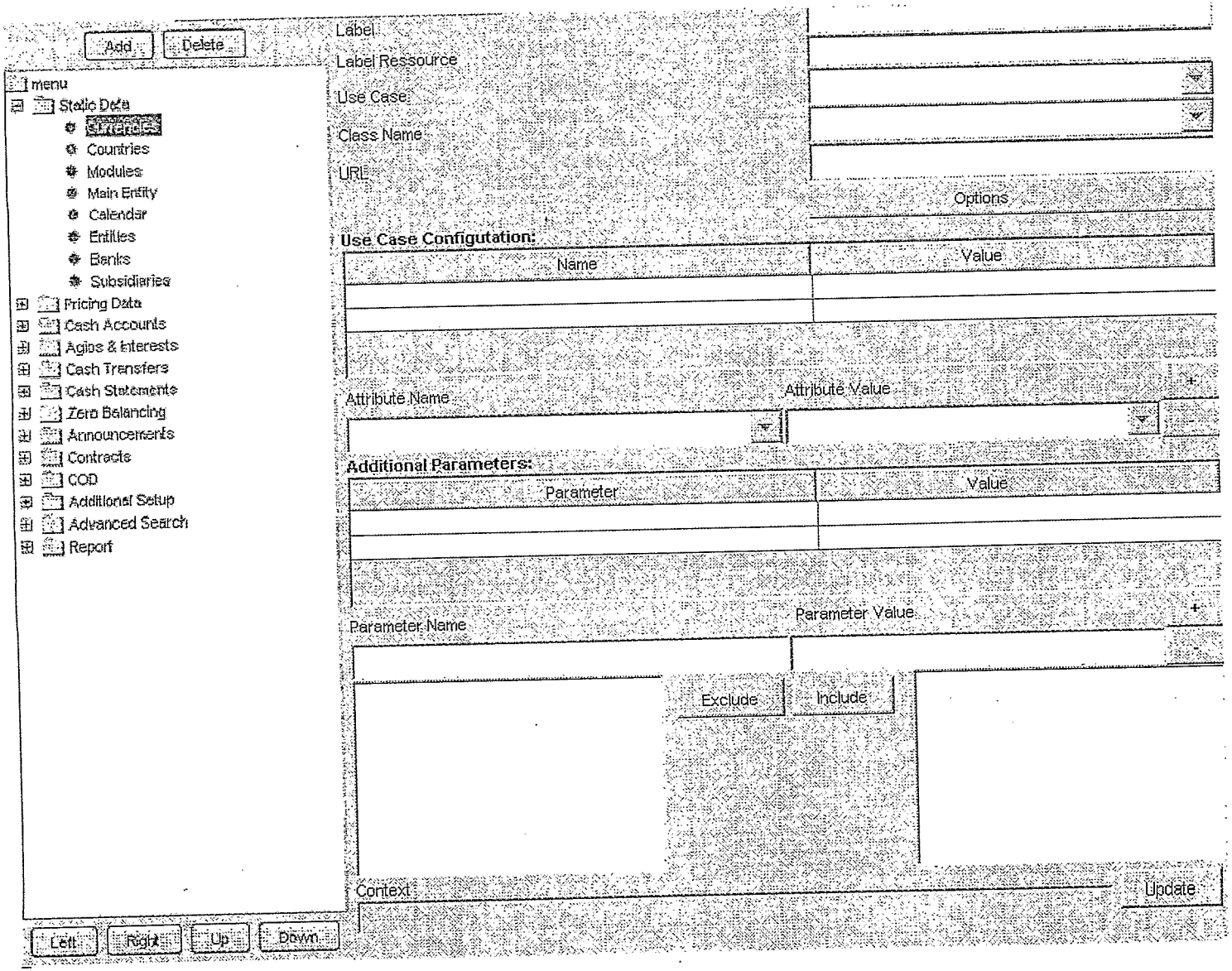
Add
Delete
menu
Static Data
Currencies
Countries
Modules
Main Entity
Calendar
Entities
Banks
Subsidiaries
Pricing Data
Cash Accounts
Agios & Interests
Cash Transfers
Cash Statements
Zero Balancing
Announcements
Contracts
COD
Additional Setup
Advanced Search
Report
Left
Right
Up
Down
Label
Label Ressource
Use Case
Class Name
URL
Options
Use Case Configutation:
Name
Value
Attribute Name
Attribute Value
Additional Parameters:
Parameter
Value
Parameter Name
Parameter Value
Exclude
Include
Context
Update

FIG. 18

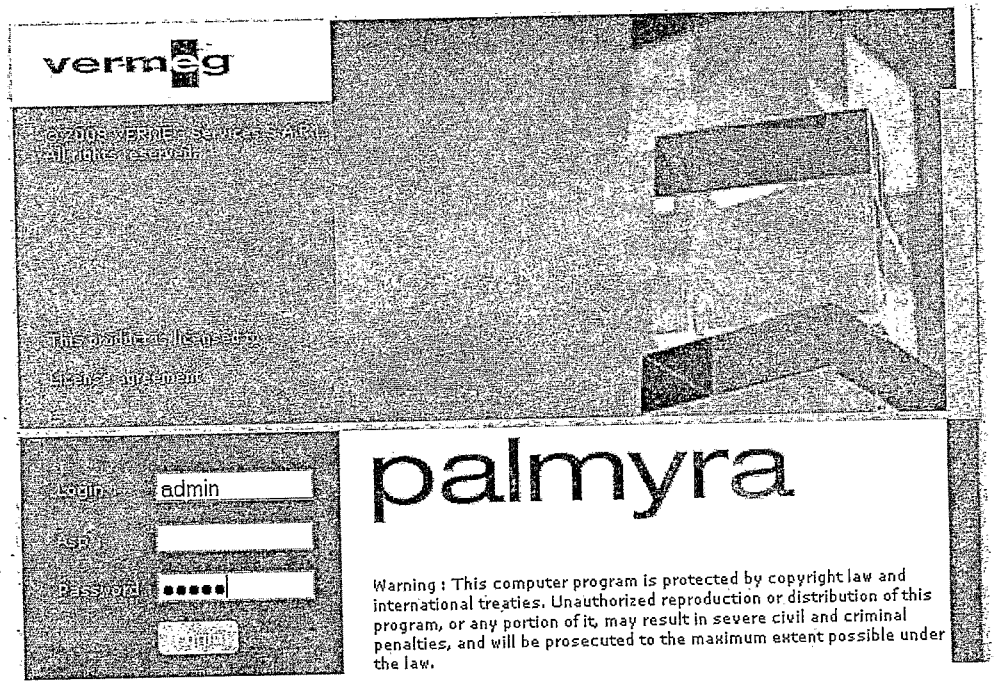
vermeg
admin
palmyra
Warning : This computer program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.

FIG. 19

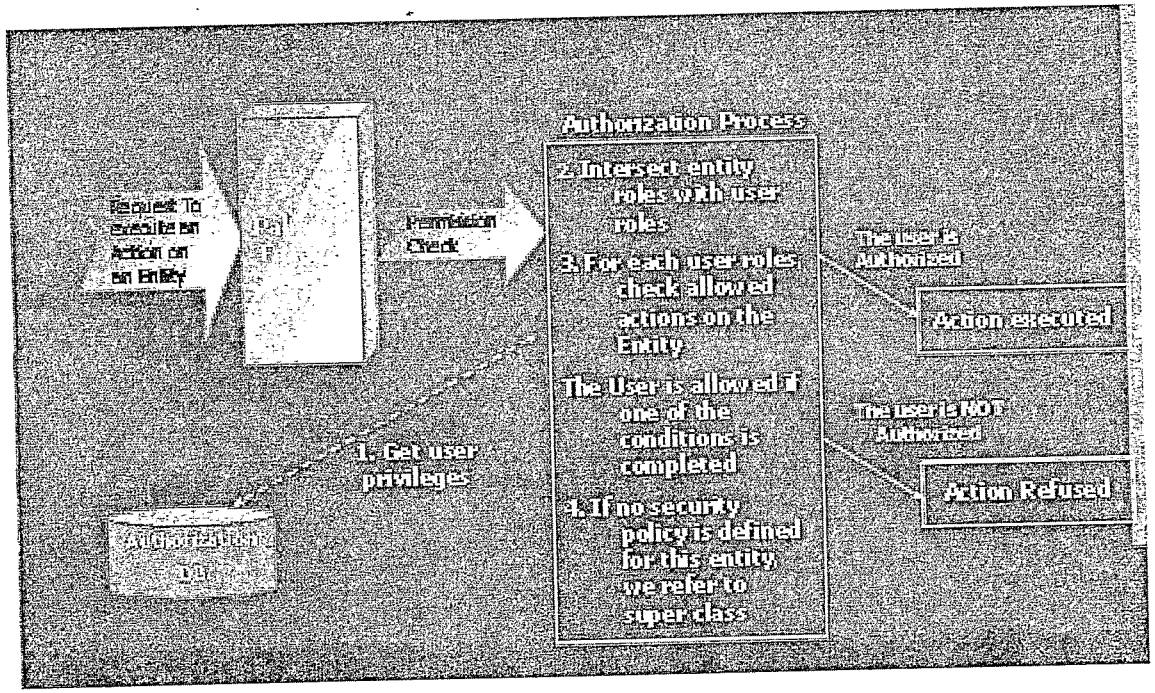
Request To execute an action on an Entity
Permission Check
Authorization API
1- Get User privileges
Authorization Process
2- Intersect entity roles with user roles
3- For each user roles check allowed actions on the Entity
The User is allowed if one of the conditions is completed
4- If no security policy is defined for this entity we refer to super class
The User is Authorized
Action executed
The User is NOT Authorized
Action Refused

FIG. 20

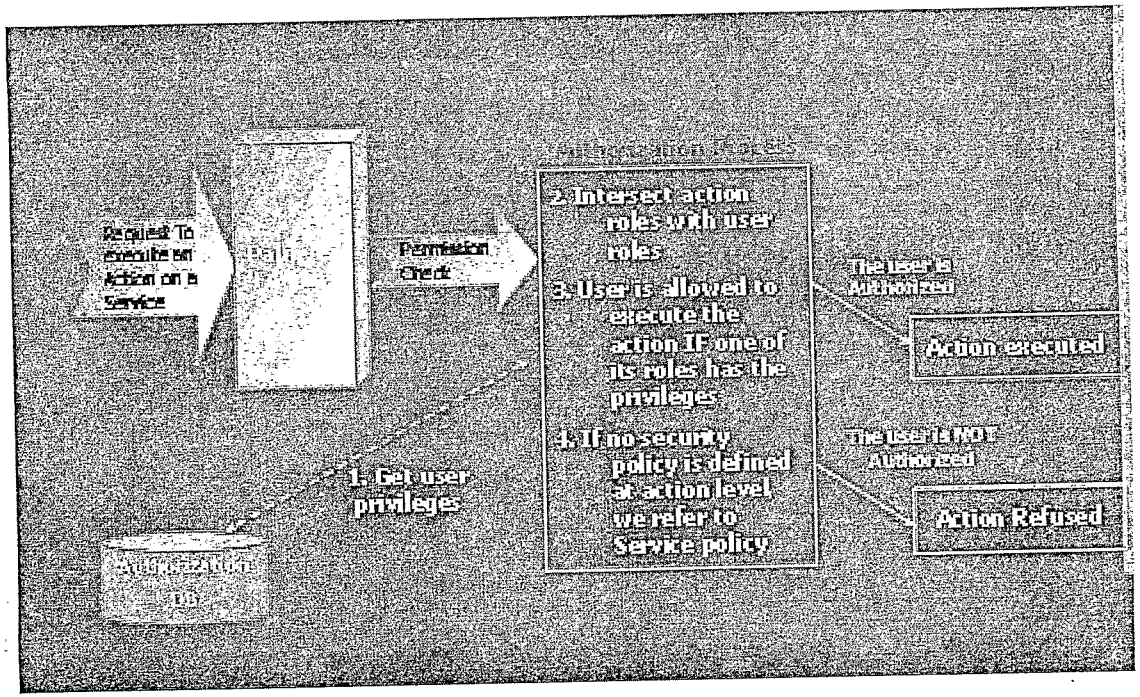
Request To execute an Action on a Service
Permission Check
2- Intersect action roles with user roles
3- User is allowed to execute the action IF one of its roles has the privileges
4- If no security policy is defined at action level we refer to Service policy
1- Get user privileges
The user is Authorized
Action executed
The user is NOT Authorized
Action Refused

FIG. 21

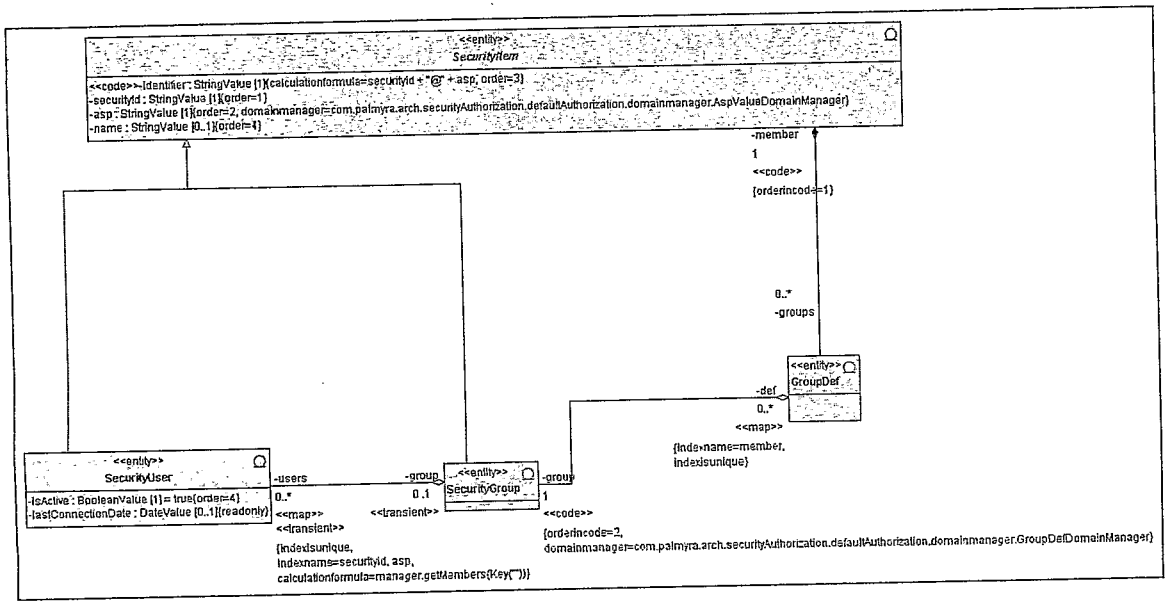
<<entity>>
SecurityItem
<<code>>-Identifier : StringValue [1]{calculationformula=securityId + "@" + asp, order=3}
-securityId : StringValue [1]{order=1}
-asp : StringValue [1]{order=2, domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.AspValueDomainManager}
-name : StringValue [0..1]{order=4}
-member
1
<<code>>
{orderincode=1}
0..*
-groups
<<entity>>
GroupDef
-def
0..*
<<map>>
{inde»name=member,
indexisunique}
<<entity>>
SecurityUser
-isActive : BooleanValue [1]= true{order=4}
-lastConnectionDate : DateValue [0..1]{readonly}
-users
0..*
<<map>>
<<transient>>
{indexisunique,
indexnams=securityid, asp,
calculationformula=manager.getMembers(Key(""))}
-group
0..1
<<transient>>
<<entity>>
SecurityGroup
-group
1
<<code>>
{orderincode=2,
domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.GroupDefDomainManager}

FIG. 22A

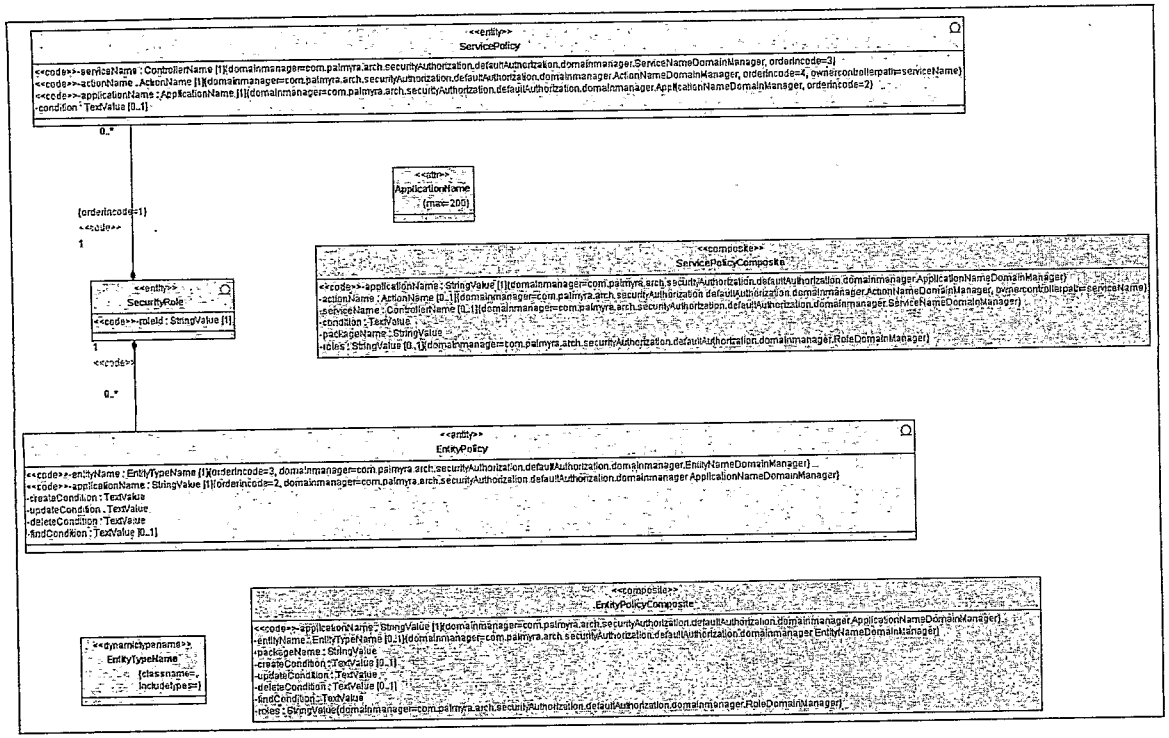
<<entity>>
ServicePolicy
<<code>>-serviceName : ControllerName [1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ServiceNameDomainManager, orderincode=3}
<<code>>-actionName : ActionName [1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ActionNameDomainManager, orderincode=4, ownercontrollerpath=serviceName}
<<code>>-applicationName : ApplicationName [1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ApplicationNameDomainManager, orderincode=2}
-condition : TextValue [0..1]
0..*
{orderincode=1}
<<code>>
1
<<attr>>
ApplicationName
{max=200}
<<entity>>
SecurityRole
<<code>>-roleId : StringValue [1]
1
<<code>>
0..*
<<composite>>
ServicePolicyComposite
<<code>>-applicationName : StringValue [1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ApplicationNameDomainManager}
-actionName : ActionName [0..1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ActionNameDomainManager, ownercontrollerpath=serviceName}
-serviceName : ControllerName [0..1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ServiceNameDomainManager}
-condition : TextValue
-packageName : StringValue
-roles : StringValue [0..1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.RoleDomainManager}
<<entity>>
EntryPolicy
<<code>>-entityName : EntityTypeName [1]{orderincode=2, domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.EntityNameDomainManager}
<<code>>-applicationName : StringValue [1]{orderincode=2, domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ApplicationNameDomainManager}
-createCondition : TextValue
-updateCondition : TextValue
-deleteCondition : TextValue
-findCondition : TextValue [0..1]
<<dynamictypename>>
EntityTypeName
{classname=,
includetypes=}
<<composite>>
EntryPolicyComposite
<<code>>-applicationName : StringValue [1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.ApplicationNameDomainManager}
-entityName : EntityTypeName [0..1]{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.EntityNameDomainManager}
-packageName : StringValue
-createCondition : TextValue [0..1]
-updateCondition : TextValue
-deleteCondition : TextValue [0..1]
-findCondition : TextValue
-roles : StringValue{domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.RoleDomainManager}

FIG. 22B

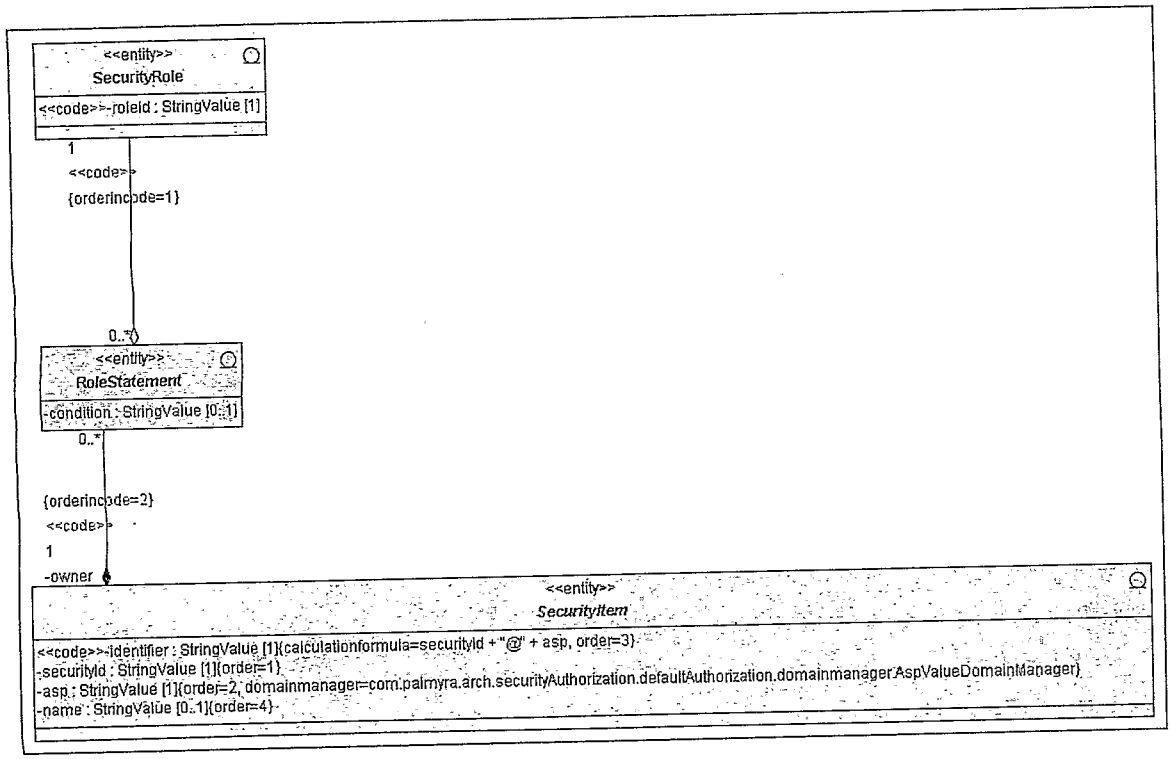
<<entity>>
SecurityRole
<<code>>-roleId : StringValue [1]
1
<<code>>
{orderincode=1}
0..*
<<entity>>
RoleStatement
-condition : StringValue [0..1]
0..*
{orderincode=2}
<<code>>
1
-owner
<<entity>>
SecurityItem
<<code>>-identifier : StringValue [1]{calculationformula=securityId + "@" + asp, order=3}
-securityId : StringValue [1]{order=1}
-asp : StringValue [1]{order=2, domainmanager=com.palmyra.arch.securityAuthorization.defaultAuthorization.domainmanager.AspValueDomainManager}
-name : StringValue [0..1]{order=4}

FIG. 22C

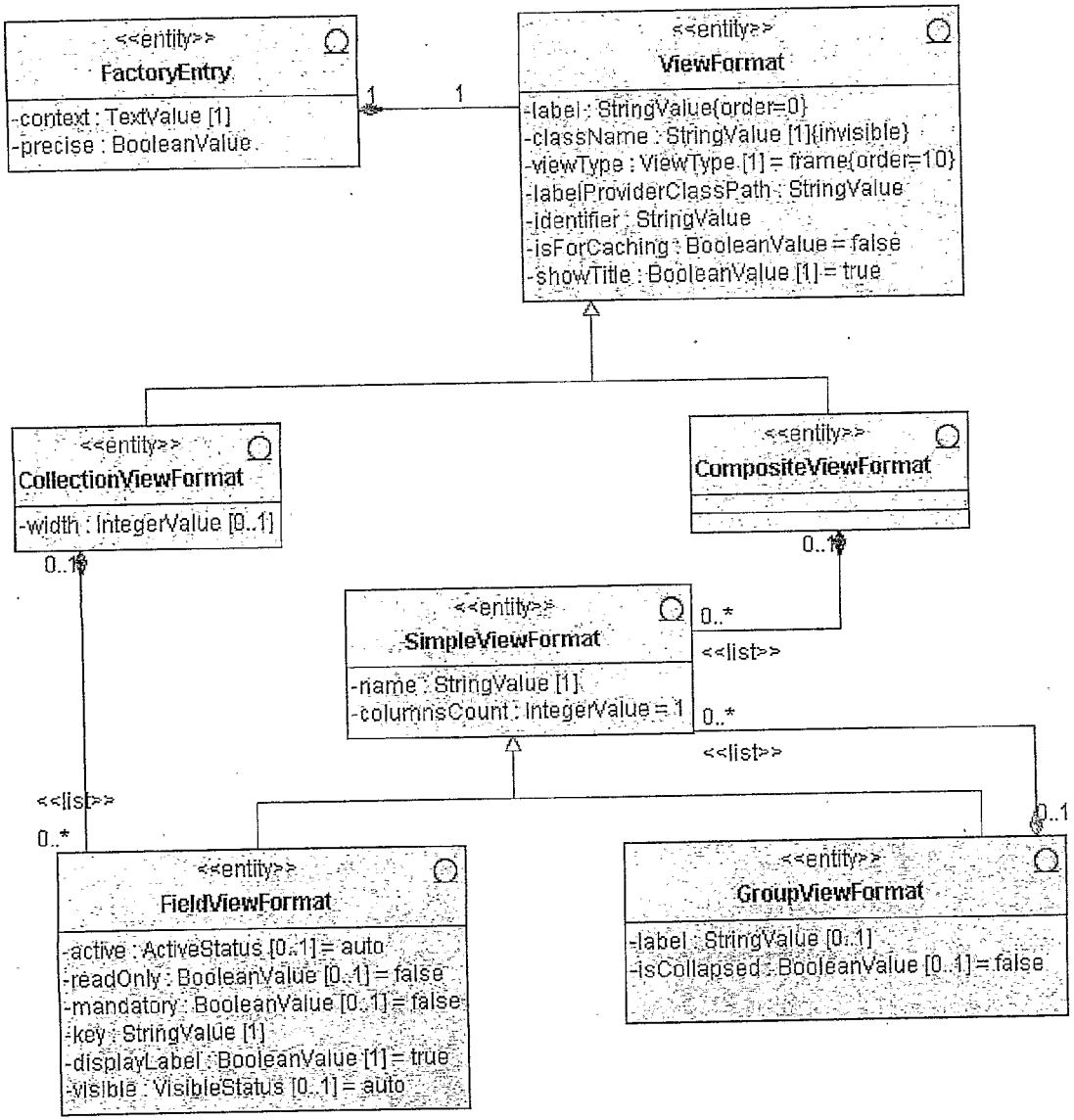
<<entity>>
FactoryEntry
-context : TextValue [1]
-precise : BooleanValue
1
1
<<entity>>
ViewFormat
-label : StringValue{order=0}
-className : StringValue [1]{invisible}
-viewType : ViewType [1] = frame{order=10}
-labelProviderClassPath : StringValue
-identifier : StringValue
-isForCaching : BooleanValue = false
-showTitle : BooleanValue [1] = true
<<entity>>
CollectionViewFormat
-width : IntegerValue [0..1]
<<entity>>
CompositeViewFormat
0..1
0..1
<<entity>>
SimpleViewFormat
-name : StringValue [1]
-columnsCount : IntegerValue = 1
0..*
<<list>>
0..*
<<list>>
<<list>>
0..*
0..1
<<entity>>
FieldViewFormat
-active : ActiveStatus [0..1] = auto
-readOnly : BooleanValue [0..1] = false
-mandatory : BooleanValue [0..1] = false
-key : StringValue [1]
-displayLabel : BooleanValue [1] = true
-visible : VisibleStatus [0..1] = auto
<<entity>>
GroupViewFormat
-label : StringValue [0..1]
-isCollapsed : BooleanValue [0..1] = false

FIG. 23

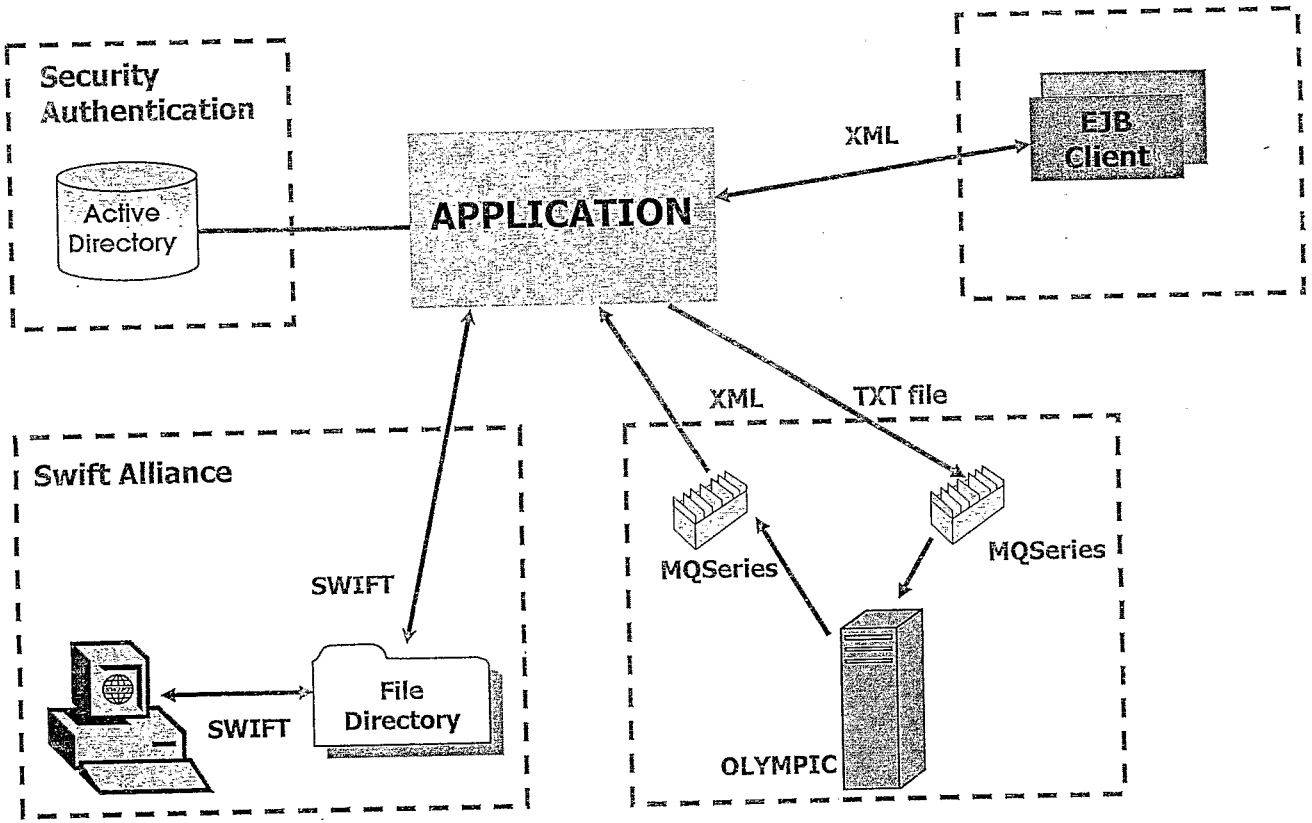
Security
Authentication
Active
Directory
APPLICATION
XML
EJB
Client
XML
TXT file
Swift Alliance
SWIFT
SWIFT
File
Directory
MQSeries
MQSeries
OLYMPIC

FIG. 23

Architecture

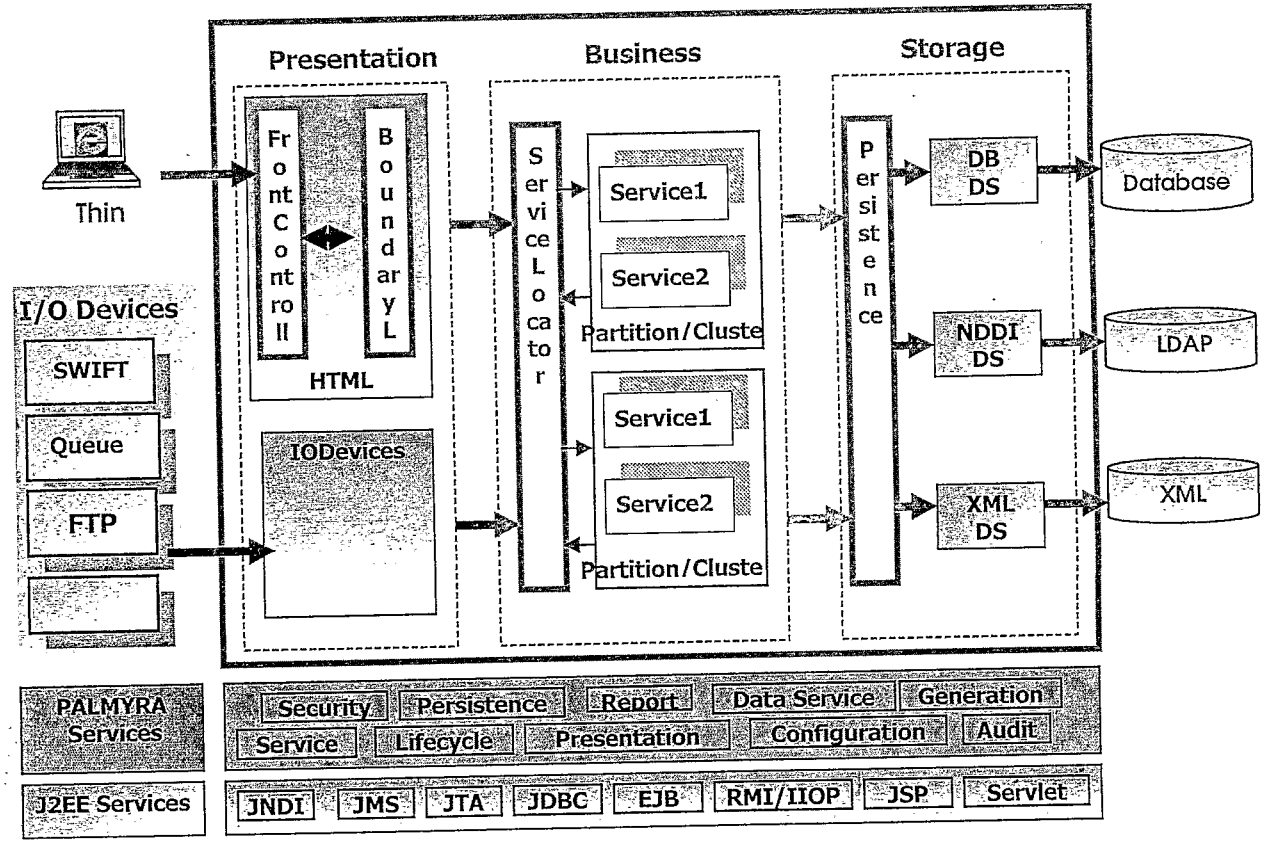

FIG. 24

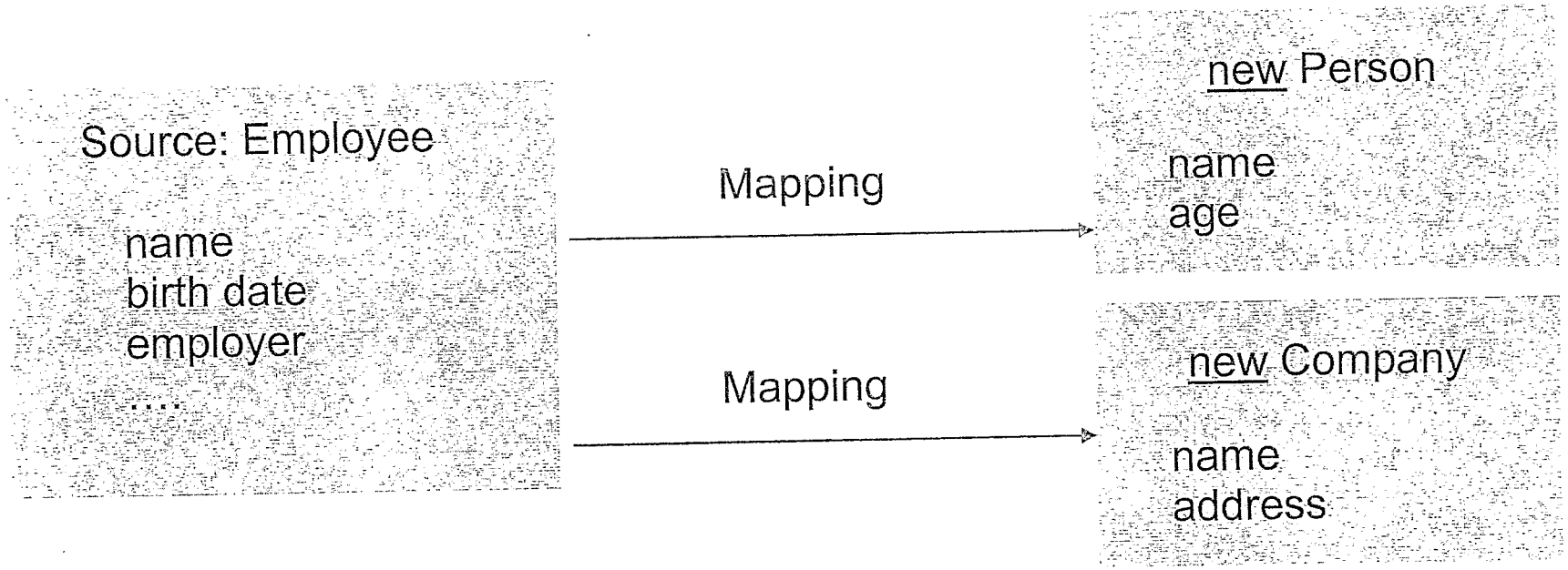
Source: Employee
name
birth date
employer
....
Mapping
Mapping
new Person
name
age
new Company
name
address

FIG. 25

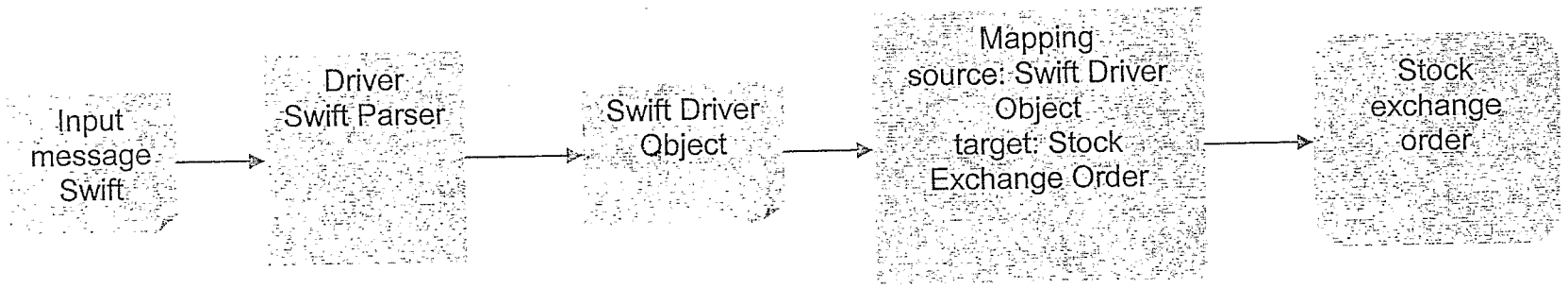
Input message Swift
Driver Swift Parser
Swift Driver Object
Mapping source: Swift Driver Object target: Stock Exchange Order
Stock exchange order

FIG. 26

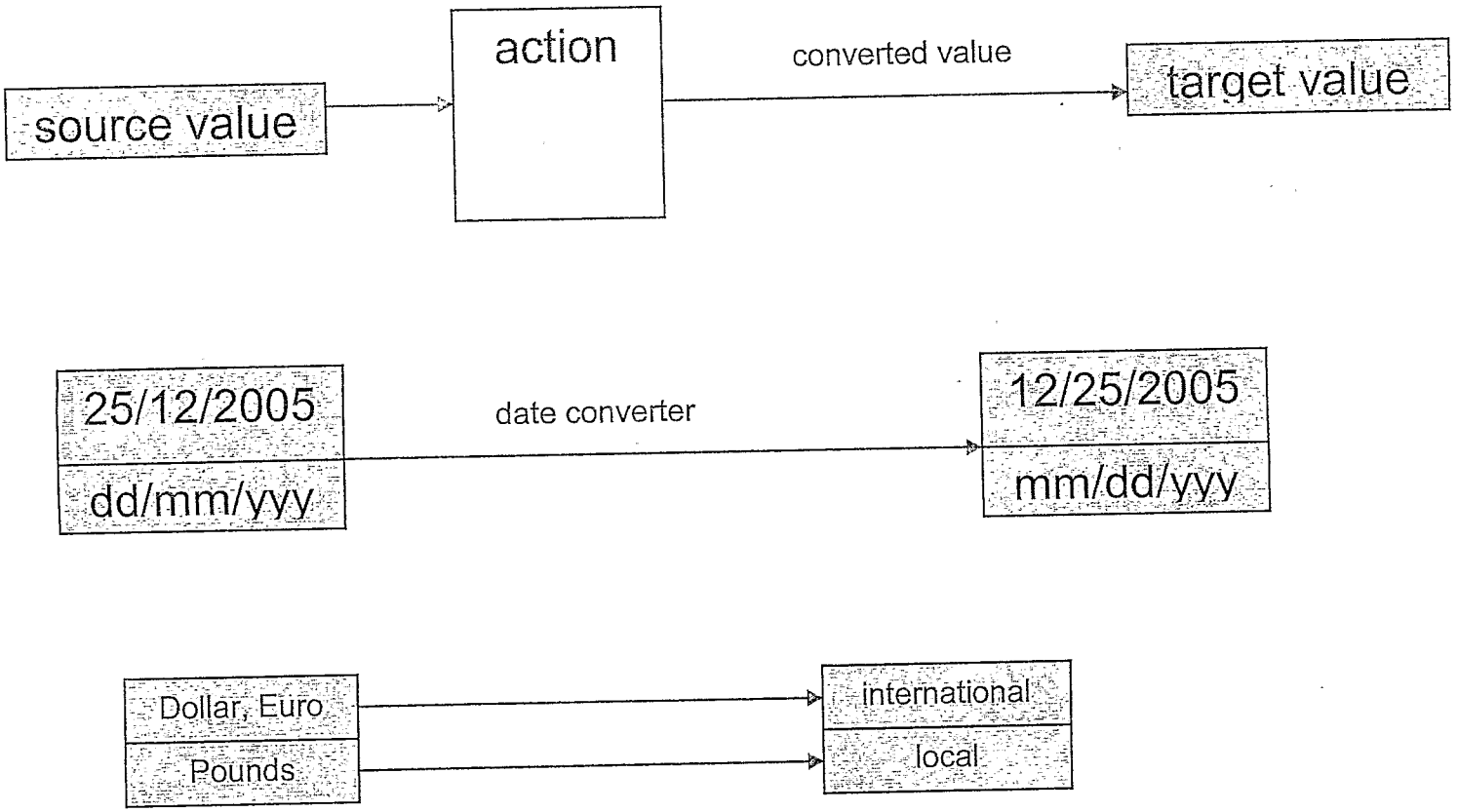
source value
action
converted value
target value
25/12/2005
dd/mm/yyy
date converter
12/25/2005
mm/dd/yyy
Dollar, Euro
Pounds
international
local

FIG. 27

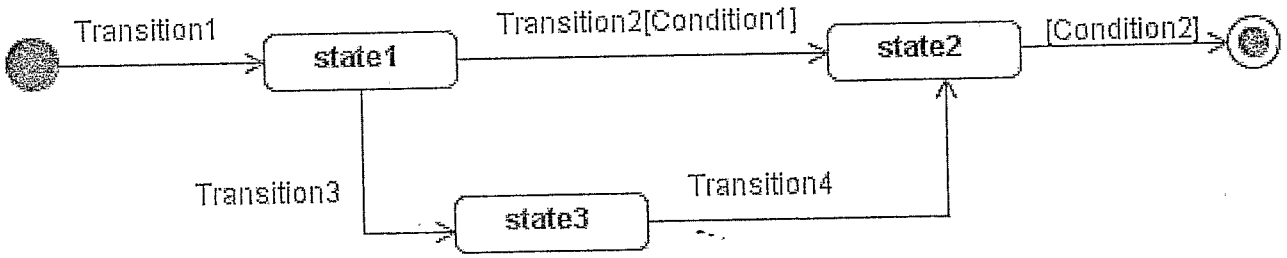
Transition1
state1
Transition2[Condition1]
state2
[Condition2]
Transition3
state3
Transition4

FIG. 28

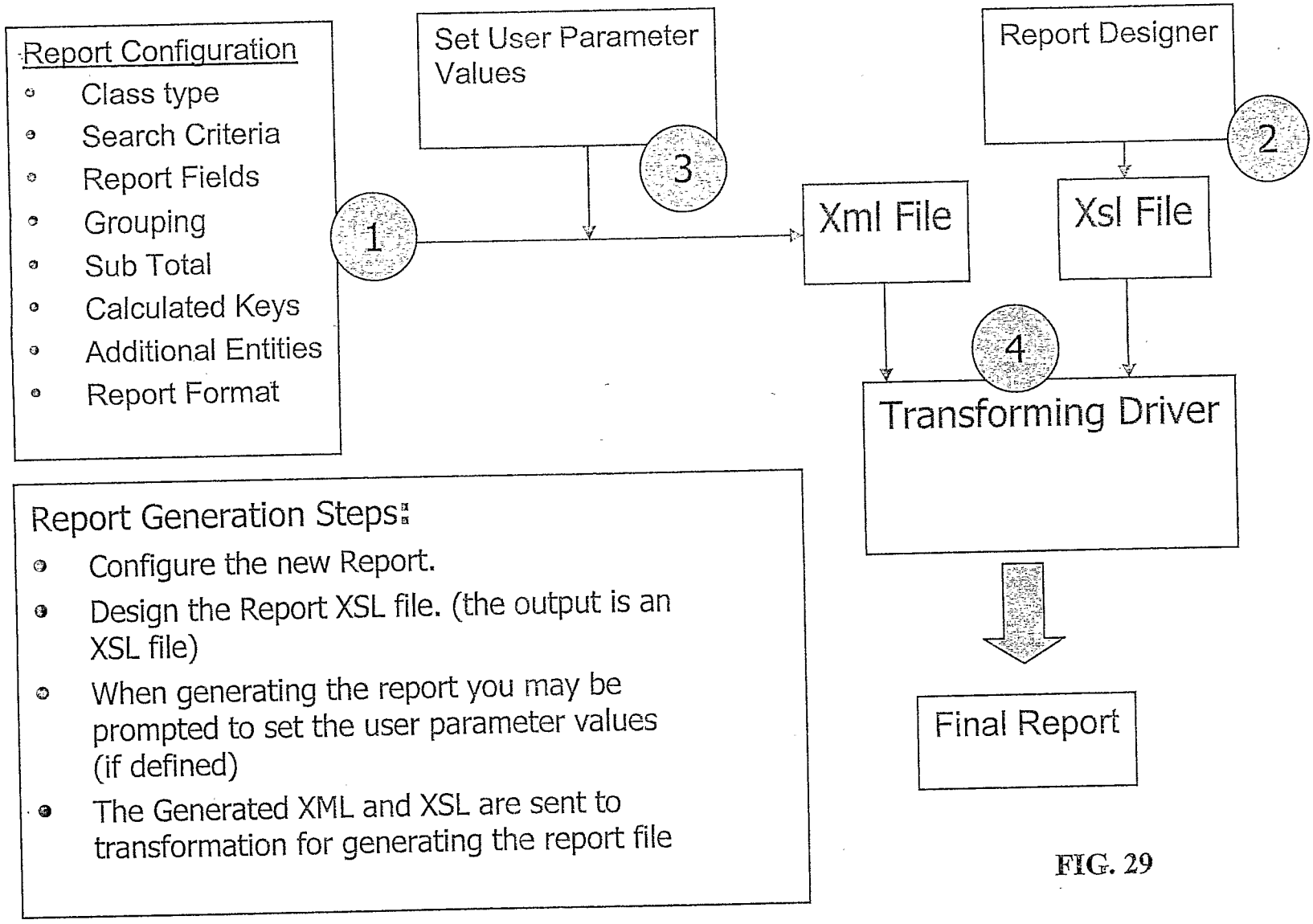
Report Configuration
Class type
Search Criteria
Report Fields
Grouping
Sub Total
Calculated Keys
Additional Entities
Report Format
1
Set User Parameter Values
3
Report Designer
2
Xml File
Xsl File
4
Transforming Driver
Final Report
Report Generation Steps:
Configure the new Report.
Design the Report XSL file. (the output is an XSL file)
When generating the report you may be prompted to set the user parameter values (if defined)
The Generated XML and XSL are sent to transformation for generating the report file

FIG. 29

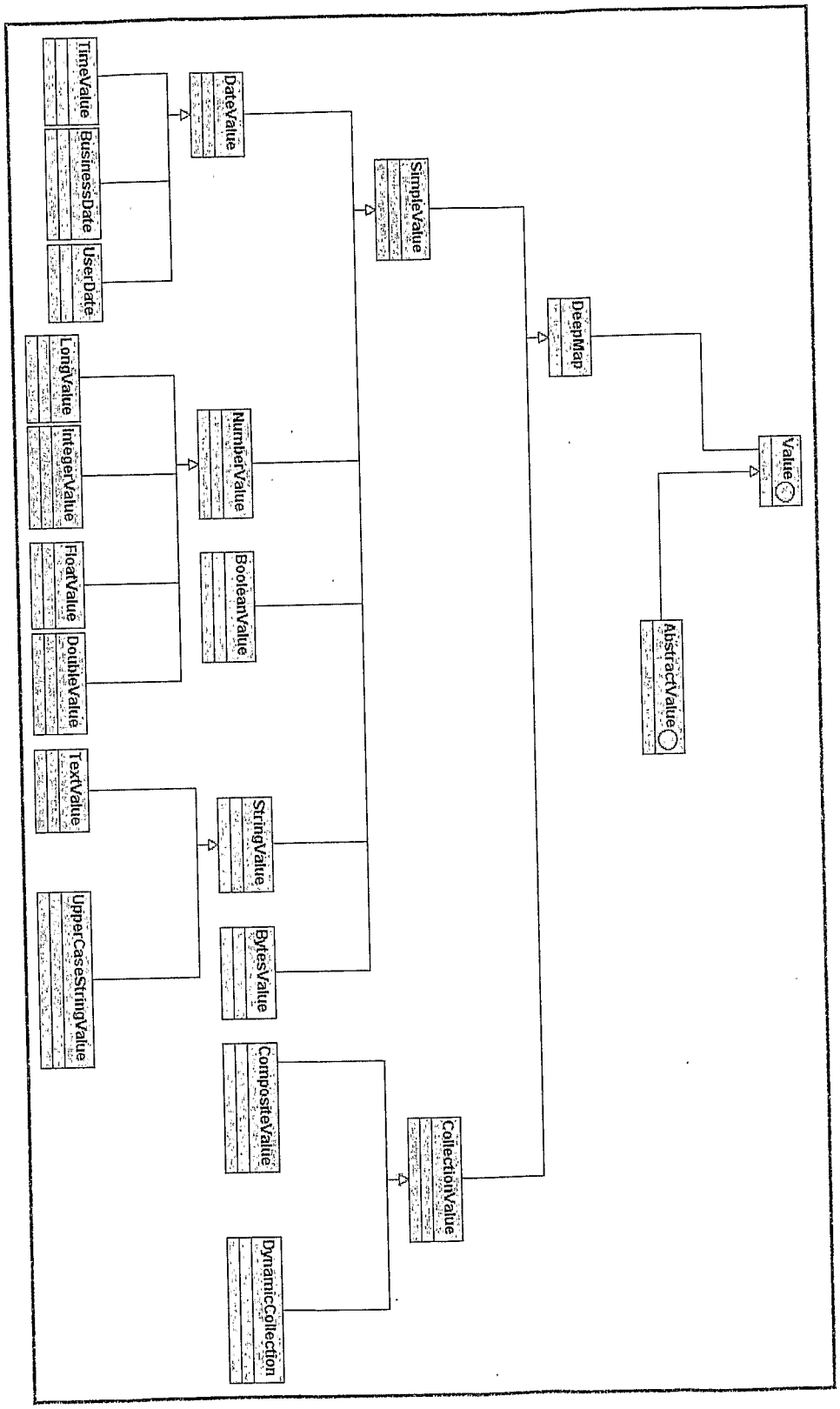
Value
AbstractValue
DeepMap
SimpleValue
CollectionValue
DateValue
NumberValue
BooleanValue
StringValue
BytesValue
CompositeValue
DynamicCollection
TimeValue
BusinessDate
UserDate
LongValue
IntegerValue
FloatValue
DoubleValue
TextValue
UpperCaseStringValue

FIG. 30

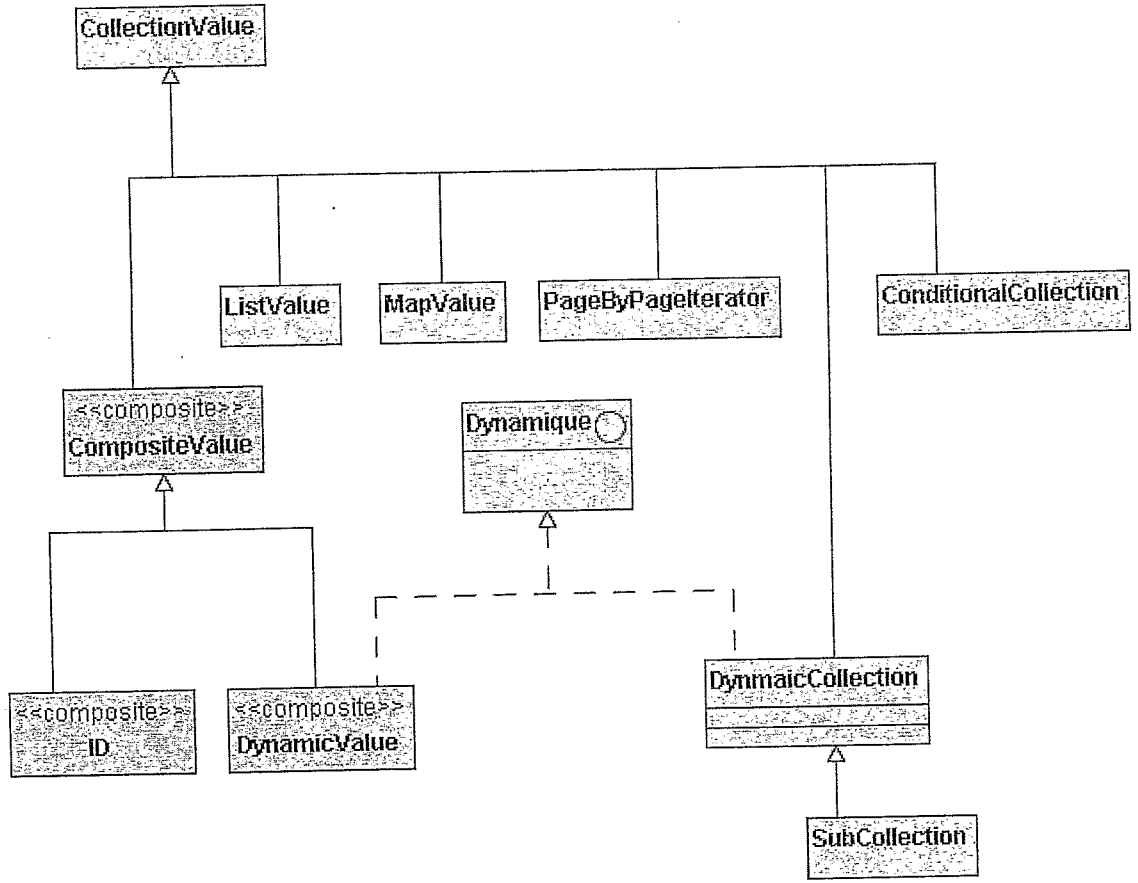
CollectionValue
ListValue
MapValue
PageByPageIterator
ConditionalCollection
<<composite>>
CompositeValue
Dynamique
<<composite>>
ID
<<composite>>
DynamicValue
DynmaicCollection
SubCollection

FIG. 31

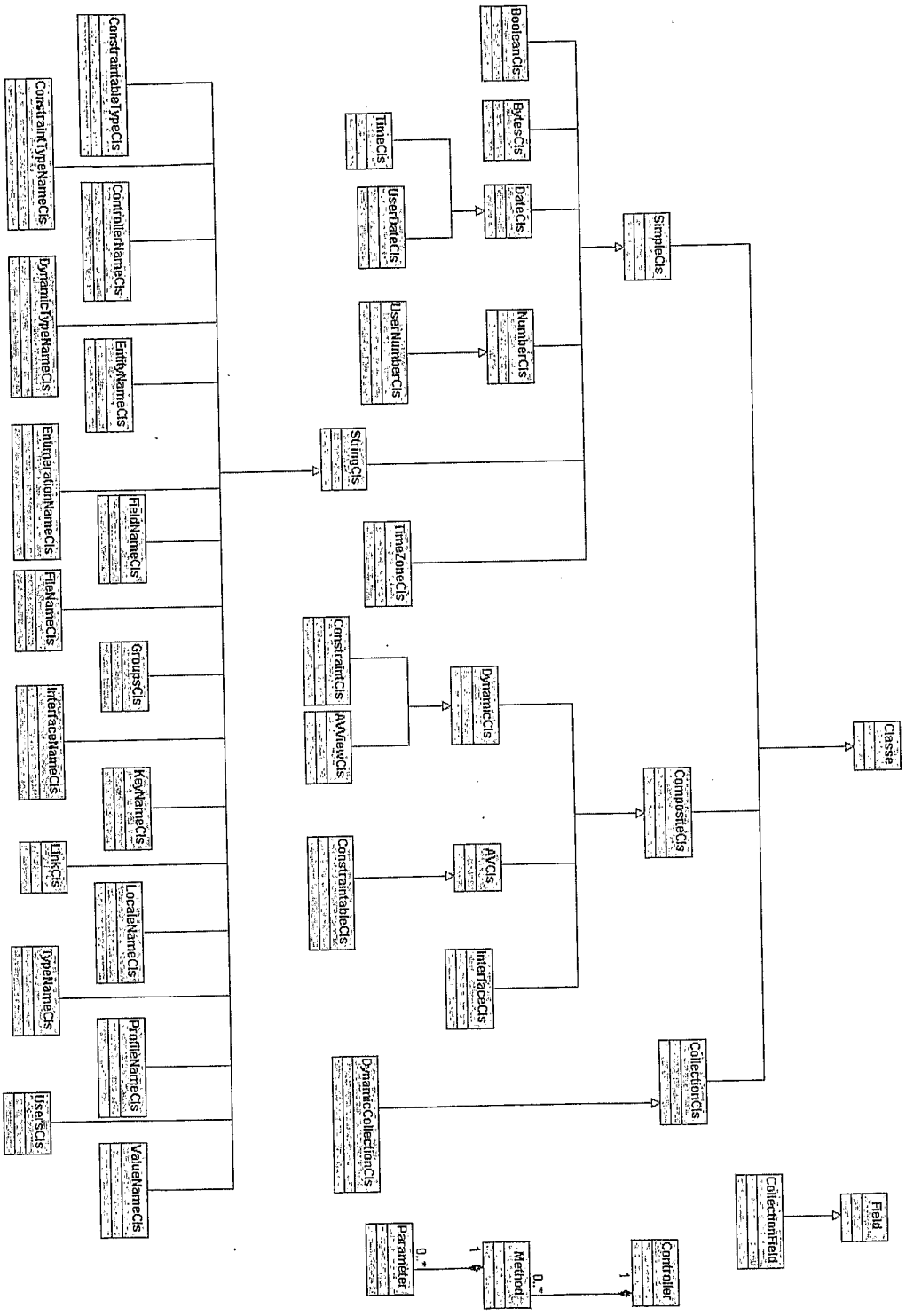
Classe
SimpleCls
BooleanCls
BytesCls
DateCls
TimeCls
UserDateCls
NumberCls
UserNumberCls
StringCls
TimeZoneCls
CompositeCls
DynamicCls
ConstraintCls
AVViewCls
AVCls
ConstraintableCls
InterfaceCls
CollectionCls
DynamicCollectionCls
Field
CollectionField
Controller
Method
Parameter
0..*
1
ConstraintableTypeCls
ConstraintTypeNameCls
ControllerNameCls
DynamicTypeNameCls
EntityNameCls
EnumerationNameCls
FieldNameCls
FileNameCls
GroupsCls
InterfaceNameCls
KeyNameCls
LinkCls
LocaleNameCls
TypeNameCls
ProfileNameCls
UserCls
ValueNameCls

FIG. 32

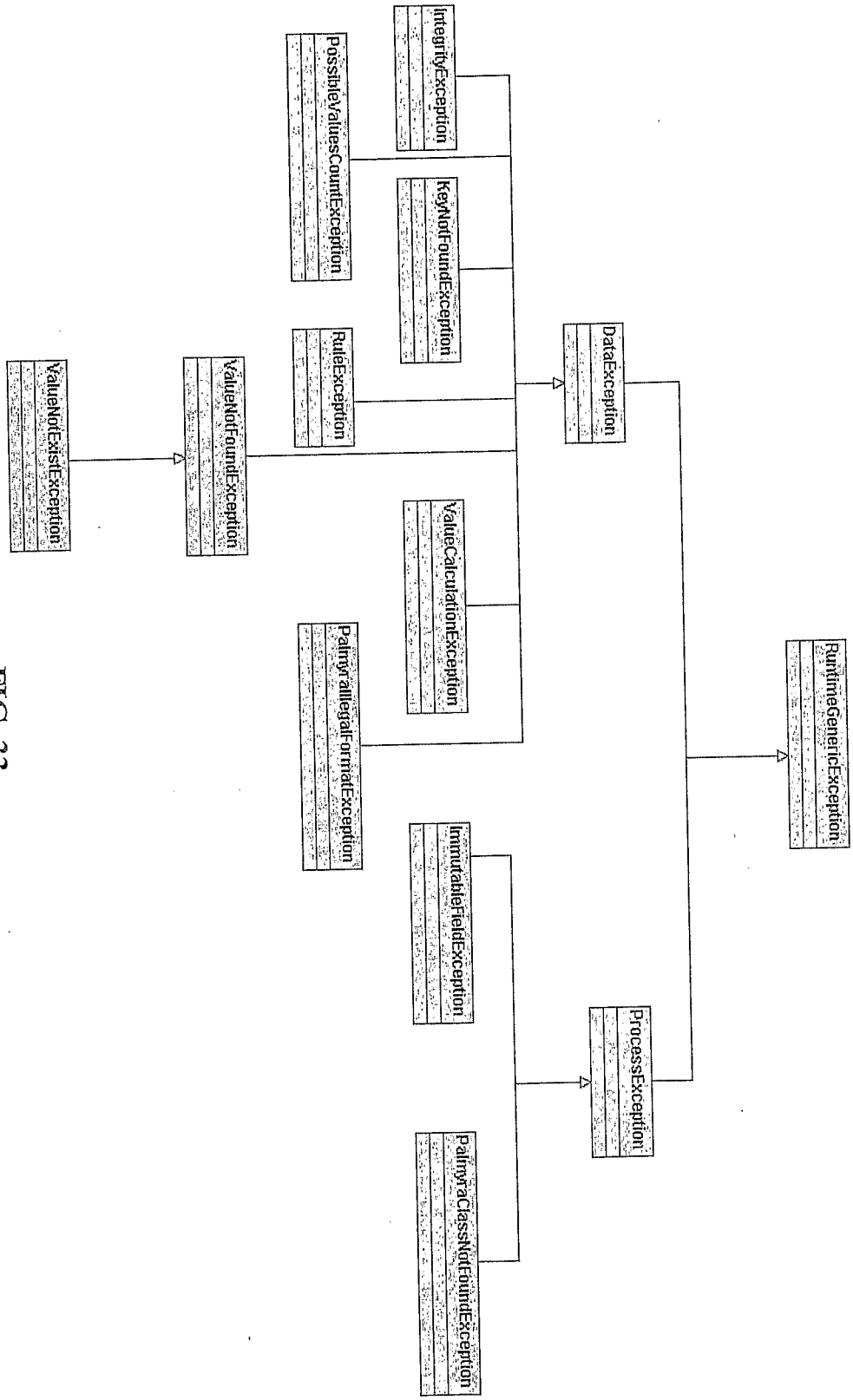
RuntimeGenericException
DataException
ProcessException
IntegrityException
PossibleValuesCountException
KeyNotFoundException
RuleException
ValueNotFoundException
ValueNotExistException
ValueCalculationException
PalmyraIllegalFormatException
ImmutableFieldException
PalmyraClassNotFoundException

FIG. 33

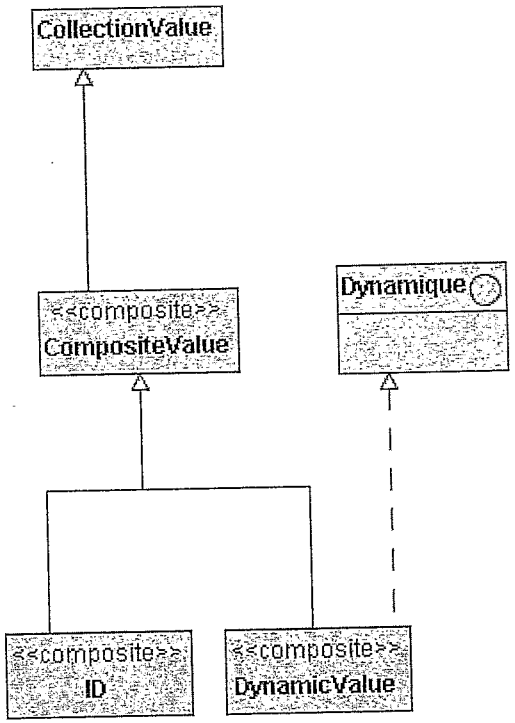
CollectionValue
<<composite>>
CompositeValue
Dynamique
<<composite>>
ID
<<composite>>
DynamicValue

FIG. 34A

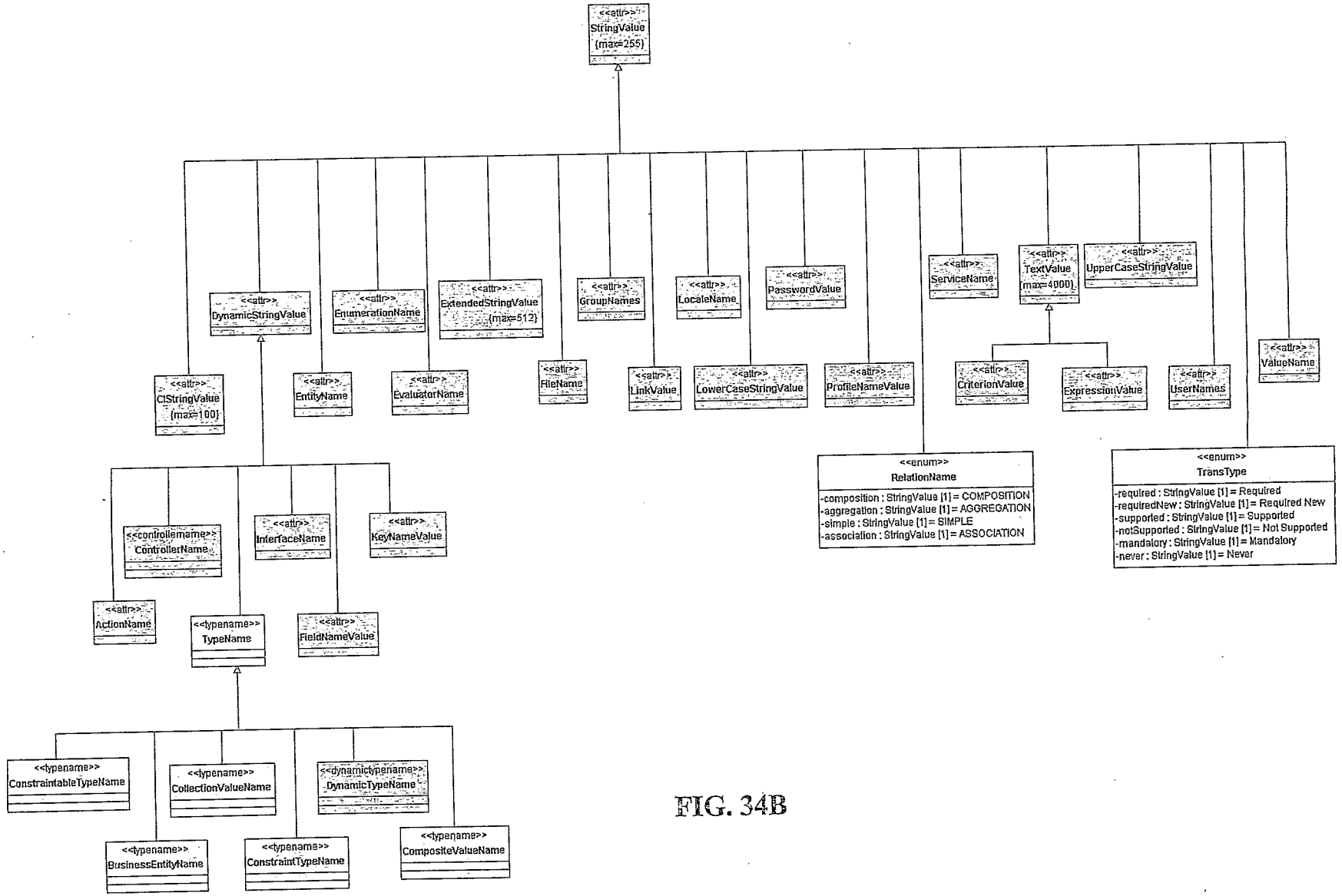
<<attr>>
StringValue
{max=255}
<<attr>>
DynamicStringValue
<<attr>>
EnumerationName
<<attr>>
ExtendedStringValue
{max=512}
<<attr>>
GroupNames
<<attr>>
LocaleName
<<attr>>
PasswordValue
<<attr>>
ServiceName
<<attr>>
TextValue
{max=4000}
<<attr>>
UpperCaseStringValue
<<attr>>
ClStringValue
{max=100}
<<attr>>
EntityName
<<attr>>
EvaluatorName
<<attr>>
FileName
<<attr>>
LinkValue
<<attr>>
LowerCaseStringValue
<<attr>>
ProfileNameValue
<<attr>>
CriterionValue
<<attr>>
ExpressionValue
<<attr>>
UserNames
<<attr>>
ValueName
<<controllername>>
ControllerName
<<attr>>
InterfaceName
<<attr>>
KeyNameValue
<<attr>>
ActionName
<<typename>>
TypeName
<<attr>>
FieldNameValue
<<enum>>
RelationName
-composition : StringValue [1] = COMPOSITION
-aggregation : StringValue [1] = AGGREGATION
-simple : StringValue [1] = SIMPLE
-association : StringValue [1] = ASSOCIATION
<<enum>>
TransType
-required : StringValue [1] = Required
-requiredNew : StringValue [1] = Required New
-supported : StringValue [1] = Supported
-notSupported : StringValue [1] = Not Supported
-mandatory : StringValue [1] = Mandatory
-never : StringValue [1] = Never
<<typename>>
ConstraintableTypeName
<<typename>>
CollectionValueName
<<dynamictypename>>
DynamicTypeName
<<typename>>
BusinessEntityName
<<typename>>
ConstraintTypeName
<<typename>>
CompositeValueName

FIG. 34B

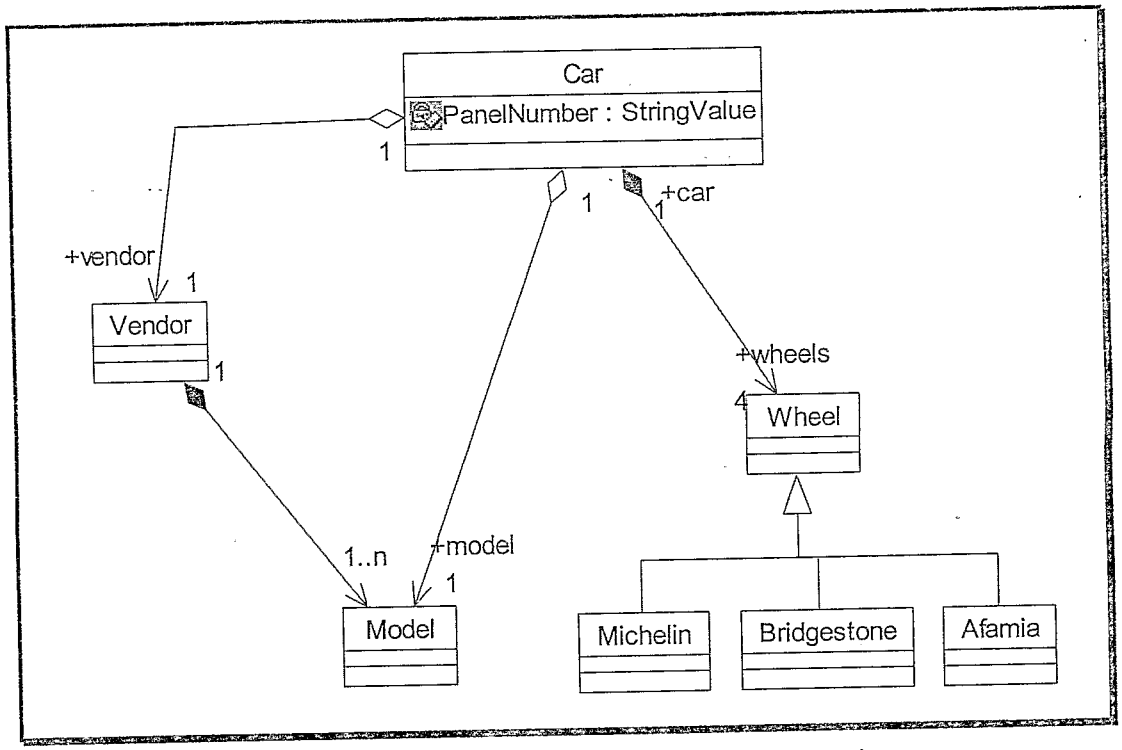
Car
PanelNumber : StringValue
1
1
1
+car
+vendor
1
Vendor
1
+wheels
4
Wheel
1..n
+model
1
Model
Michelin
Bridgestone
Afamia

FIG. 35

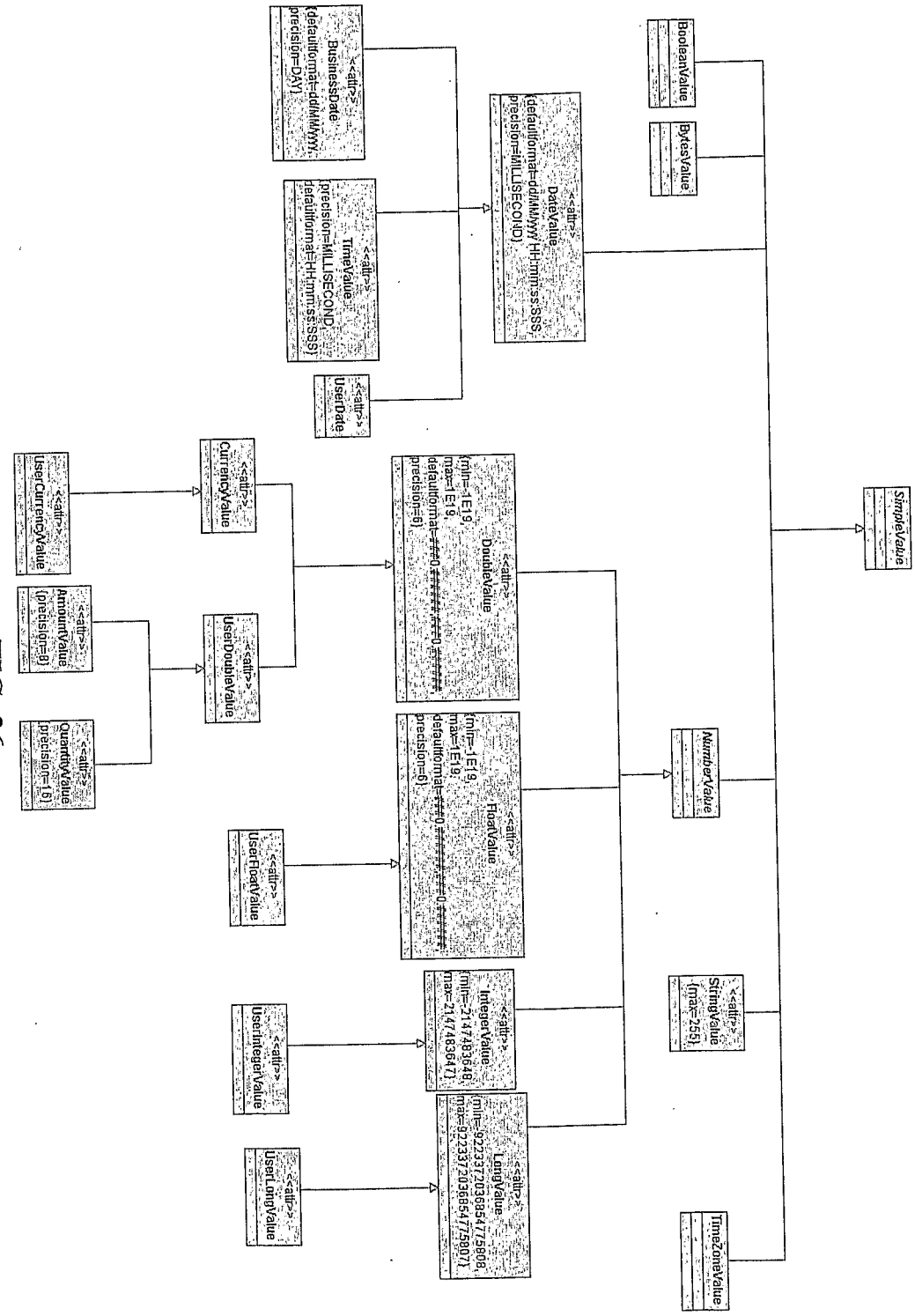
SimpleValue
BooleanValue
BytesValue
DateValue
{defaultformat=dd/MM/yyyy HH:mm:ss.SSS, precision=MILLISECOND}
<<attr>>
BusinessDate
{defaultformat=dd/MM/yyyy, precision=DAY}
<<attr>>
TimeValue
{precision=MILLISECOND, defaultformat=HH:mm:ss.SSS}
<<attr>>
UserDate
NumberValue
DoubleValue
{min=-1E19, max=1E19, defaultformat=#,##0.########, precision=6}
<<attr>>
CurrencyValue
<<attr>>
UserCurrencyValue
<<attr>>
AmountValue
{precision=8}
<<attr>>
QuantityValue
{precision=16}
<<attr>>
UserDoubleValue
FloatValue
{min=-1E19, max=1E19, defaultformat=#,##0.########, precision=6}
<<attr>>
UserFloatValue
IntegerValue
{min=-2147483648, max=2147483647}
<<attr>>
UserIntegerValue
LongValue
{min=-9223372036854775808, max=9223372036854775807}
<<attr>>
UserLongValue
StringValue
{max=255}
<<attr>>
TimeZoneValue

FIG. 36

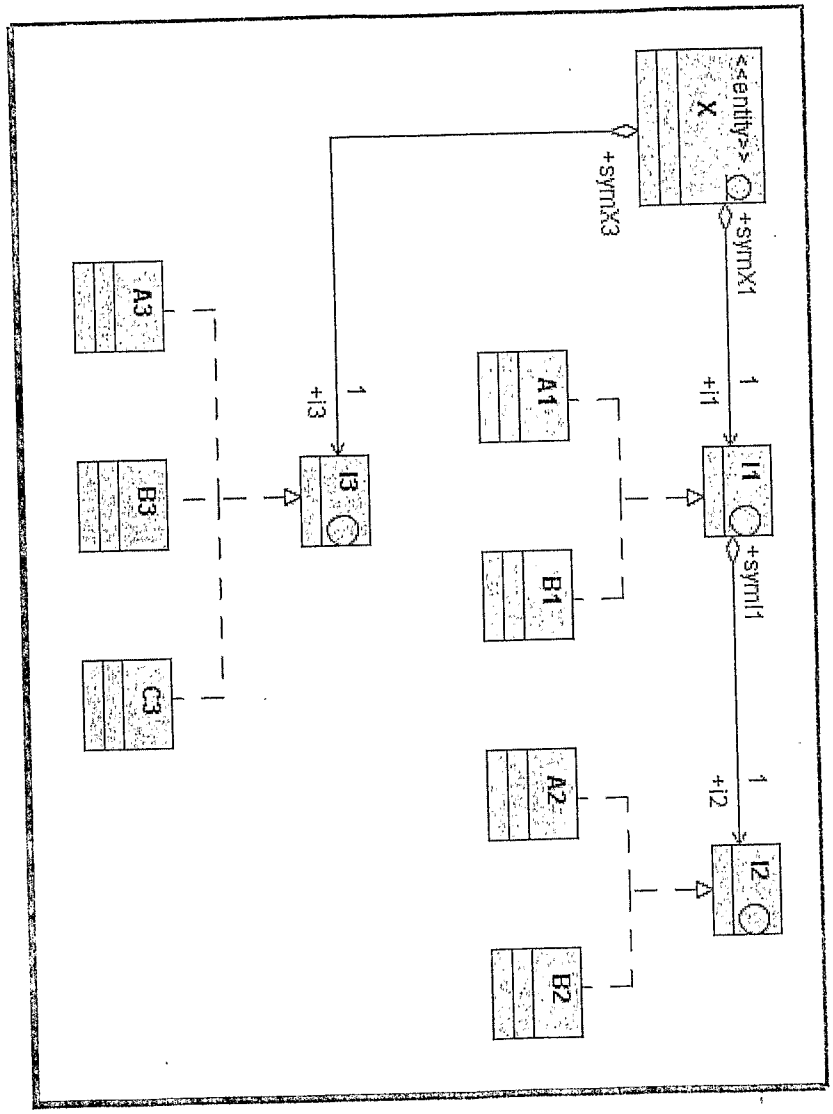
<<entity>>
X
+symX1
+symX3
1
+i1
1
+i3
1
+i2
+symI1
I1
I2
I3
A1
A2
A3
B1
B2
B3
C3

FIG. 37A

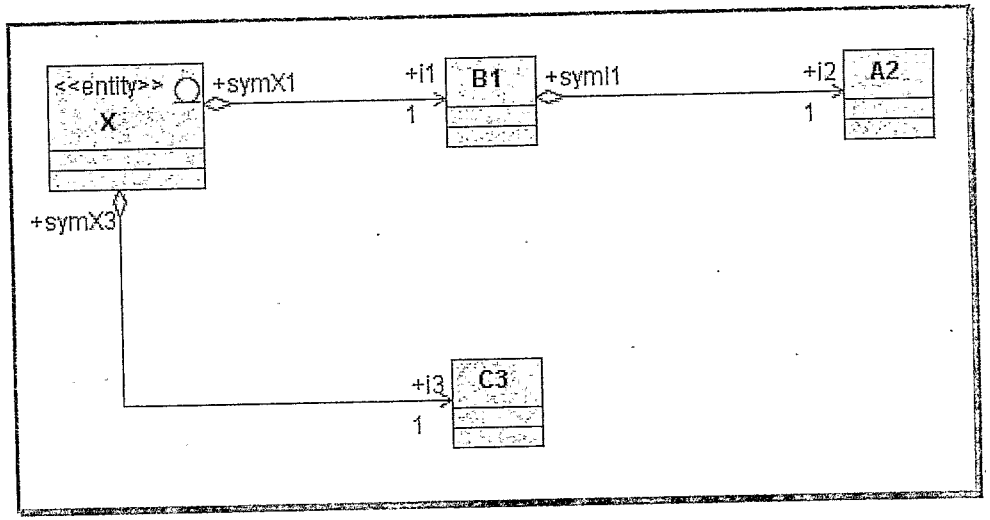

FIG. 37B

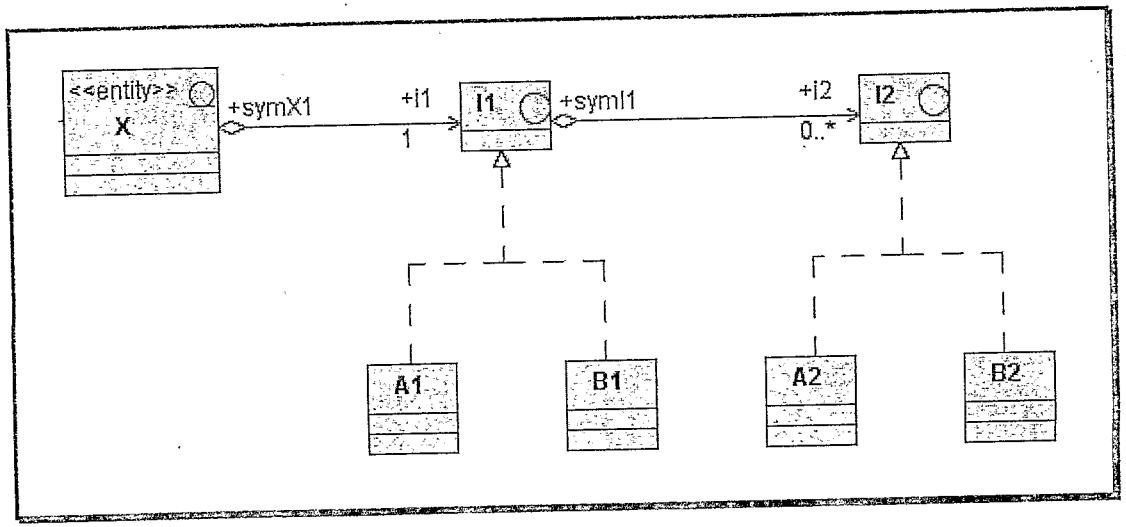

FIG. 38

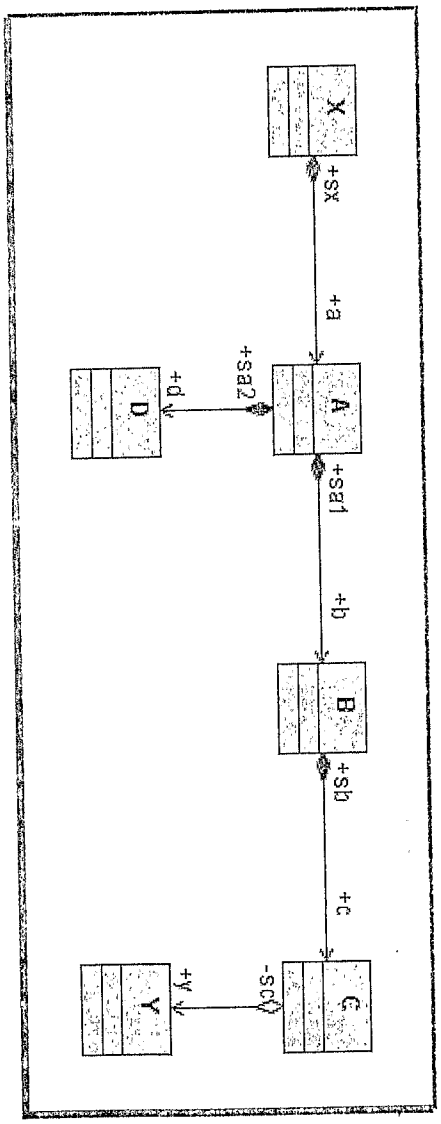

FIG. 39

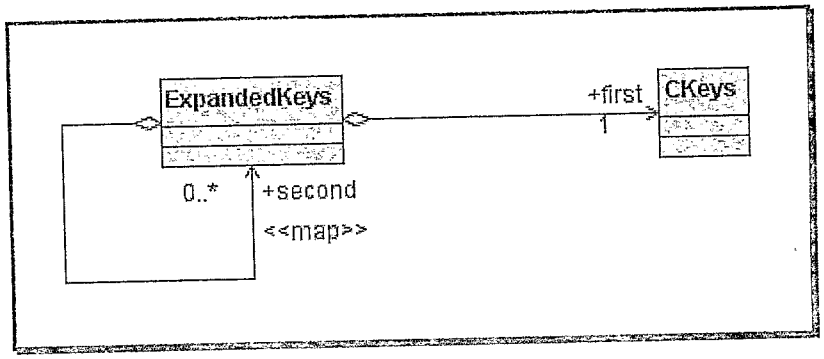

FIG. 40

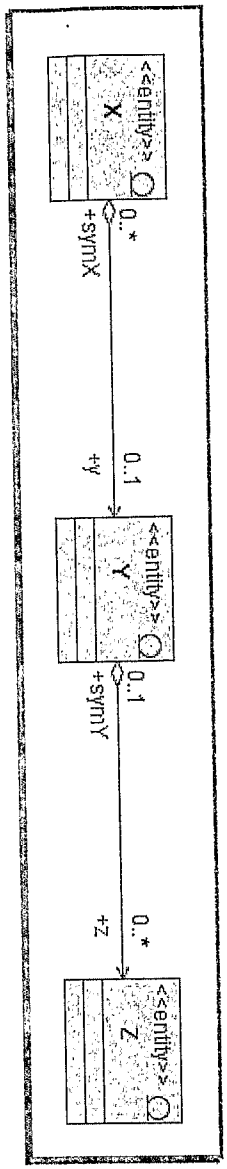

FIG. 41A

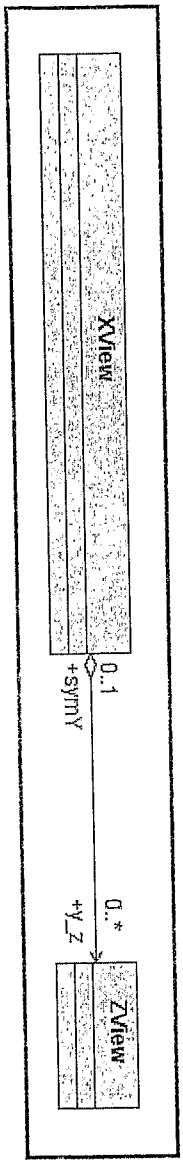

FIG. 41B

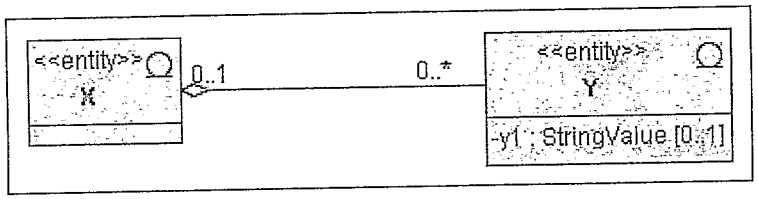

FIG. 41C

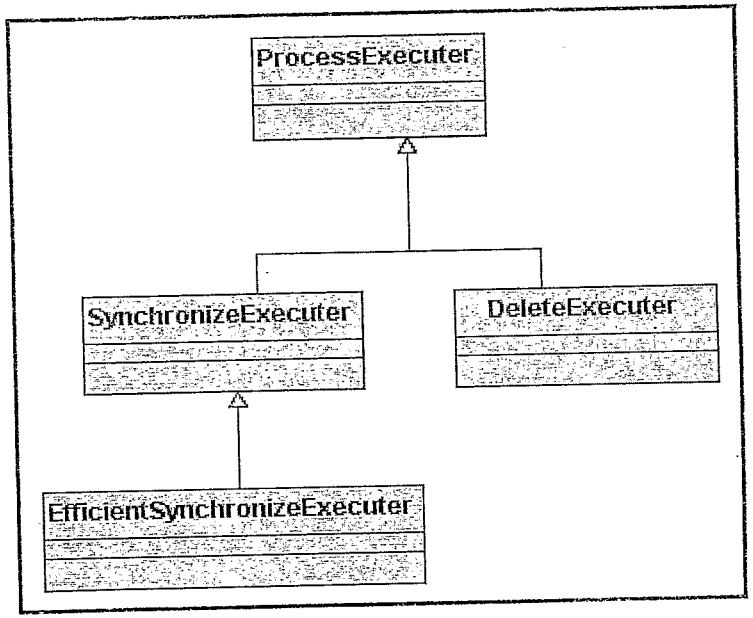
ProcessExecuter
SynchronizeExecuter
DeleteExecuter
EfficientSynchronizeExecuter

FIG. 42

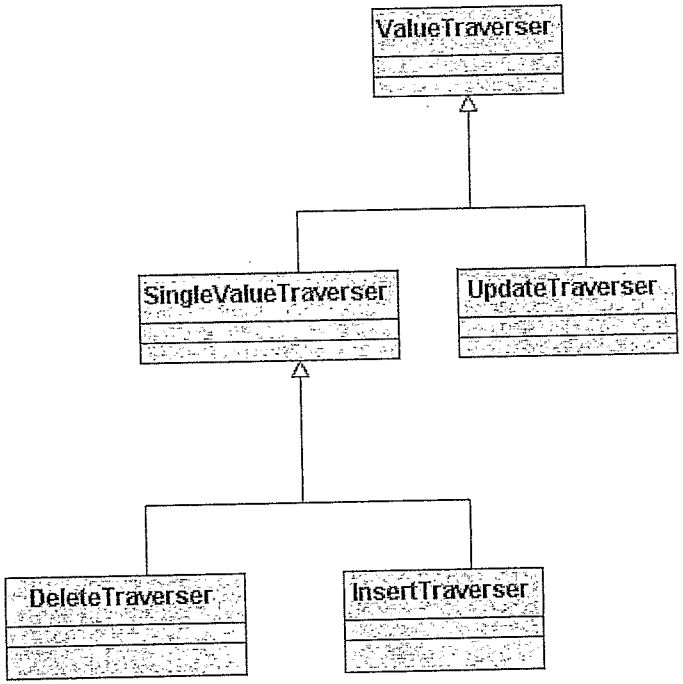
ValueTraverser
SingleValueTraverser
UpdateTraverser
DeleteTraverser
InsertTraverser

FIG. 43

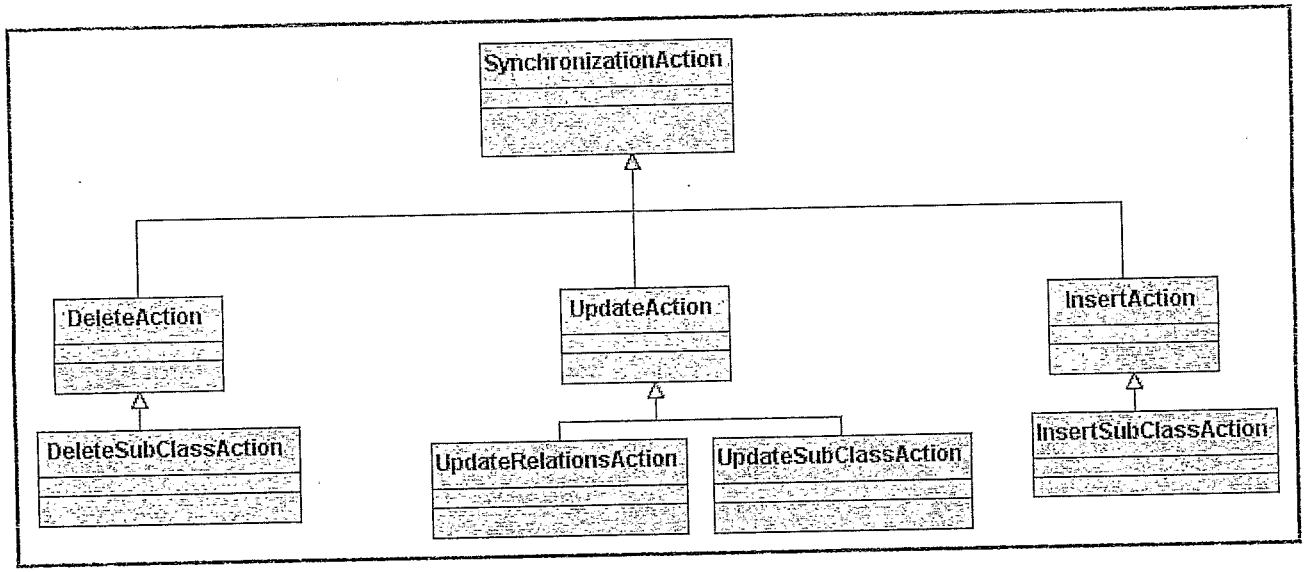
SynchronizationAction
DeleteAction
UpdateAction
InsertAction
DeleteSubClassAction
UpdateRelationsAction
UpdateSubClassAction
InsertSubClassAction

FIG. 44

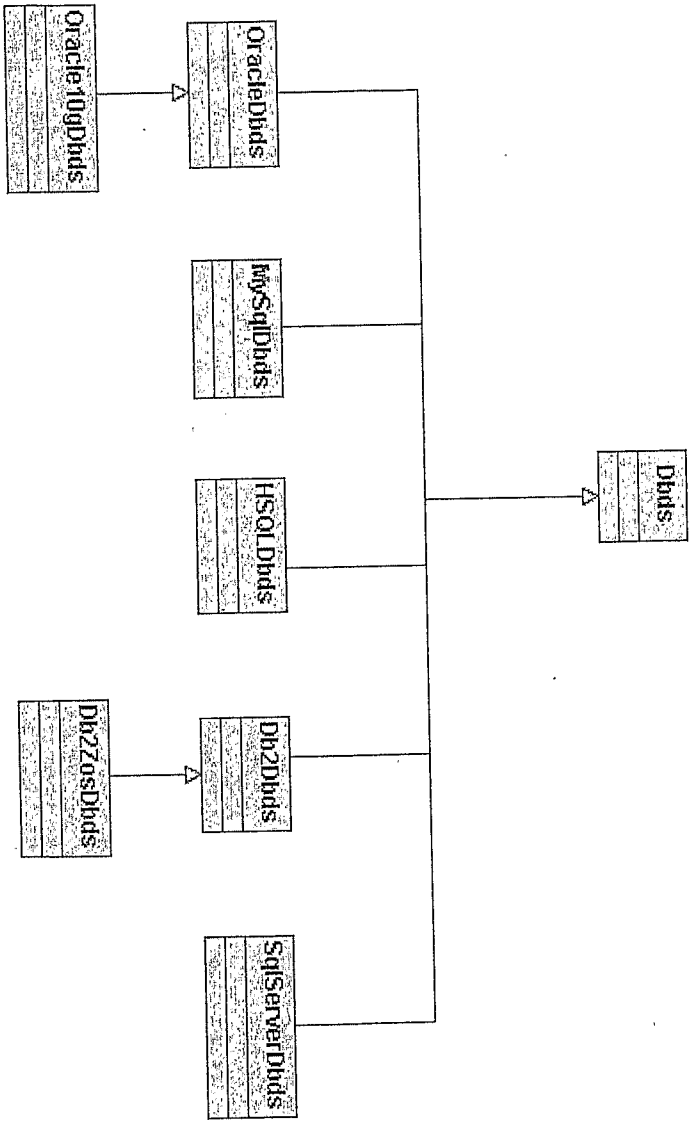
Oracle10gDbds
OracleDbds
MySqlDbds
HSQLDbds
Db2ZosDbds
Db2Dbds
SqlServerDbds
Dbds

FIG. 45

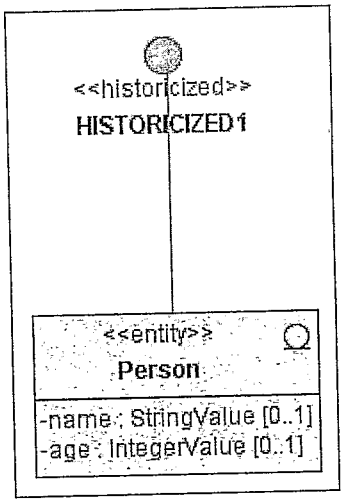
<<historicized>>
HISTORICIZED1
<<entity>>
Person
-name : StringValue [0..1]
-age : IntegerValue [0..1]

FIG. 46

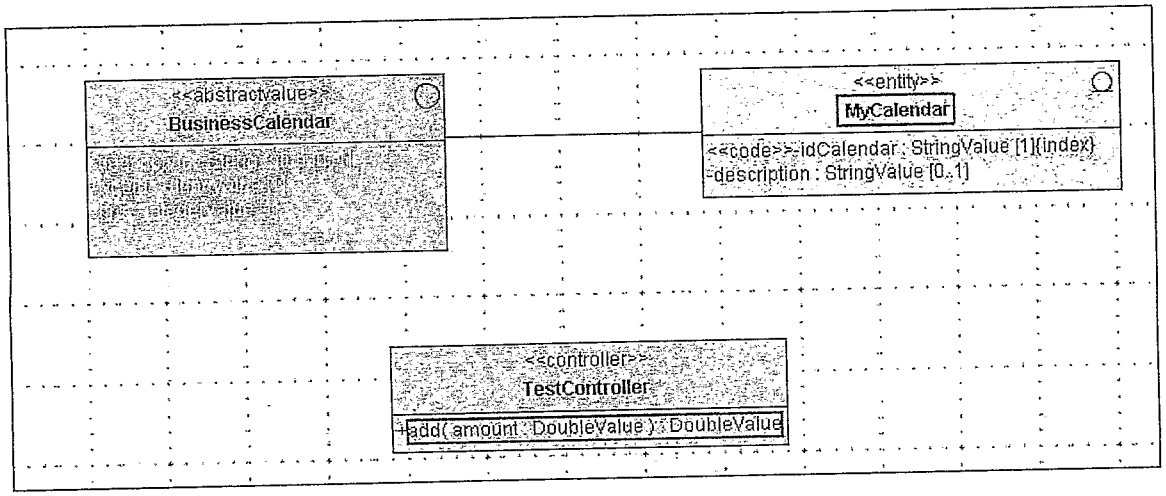

FIG. 47A

F 1: Scheduler Part of a Palmyra Application UML Model

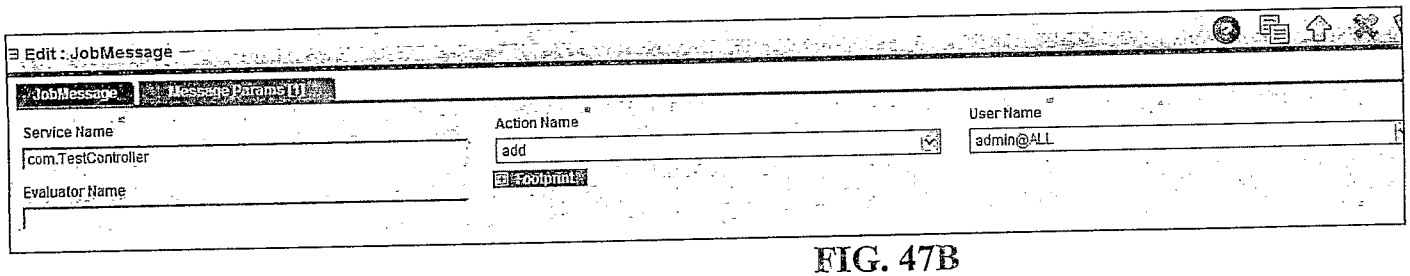

FIG. 47B

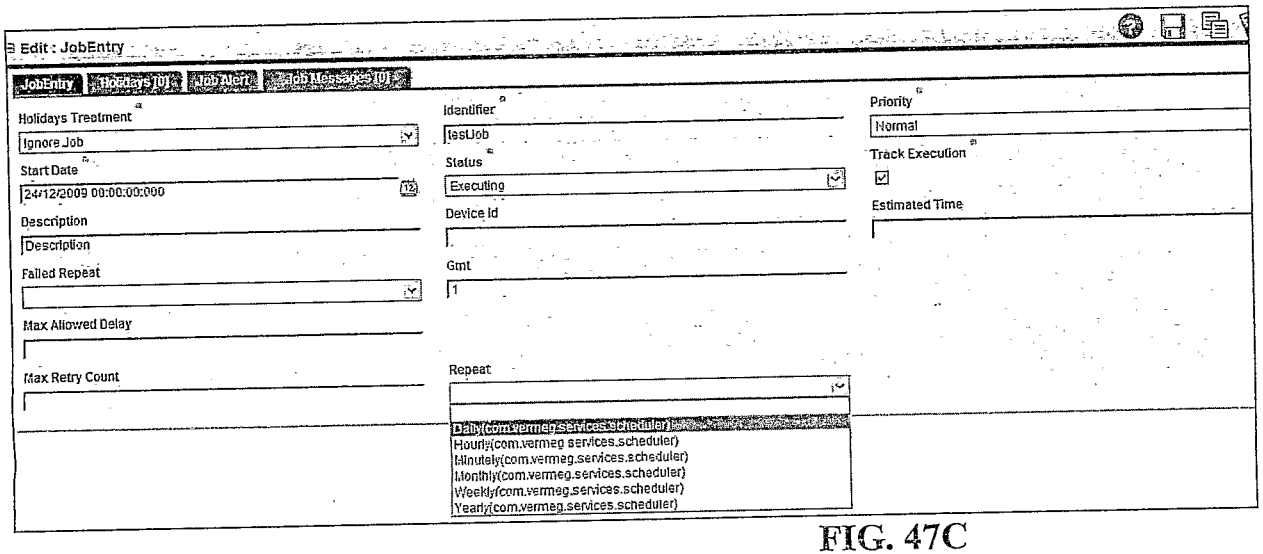

FIG. 47C

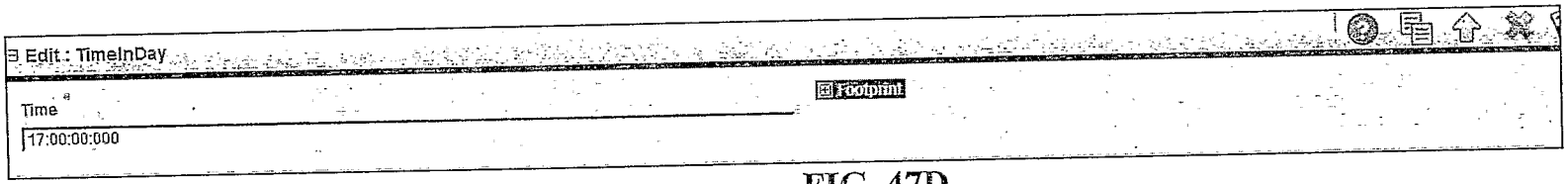

FIG. 47D

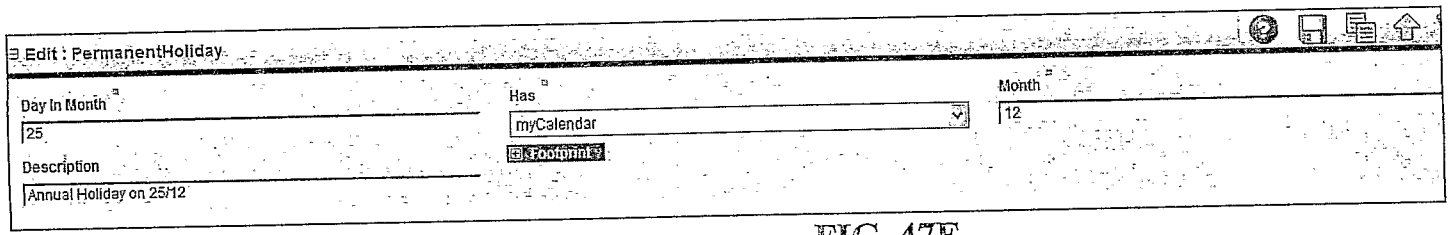

FIG. 47E

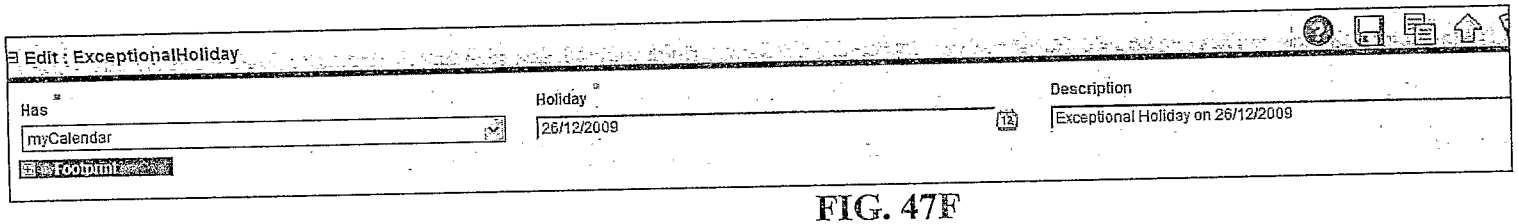

FIG. 47F

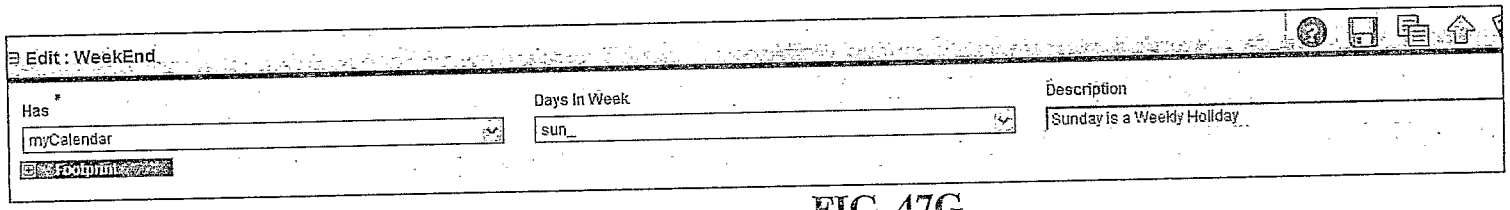

FIG. 47G

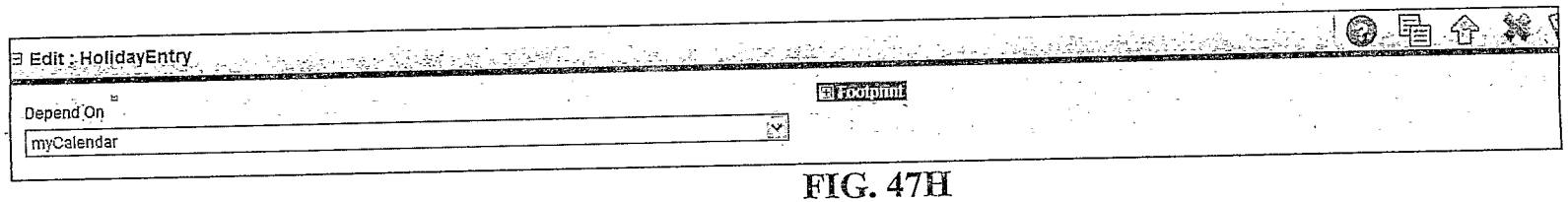

FIG. 47H

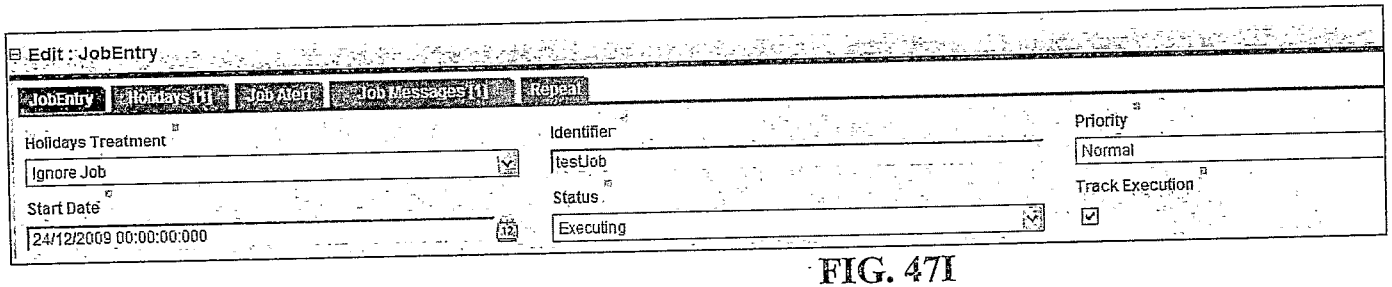

FIG. 47I

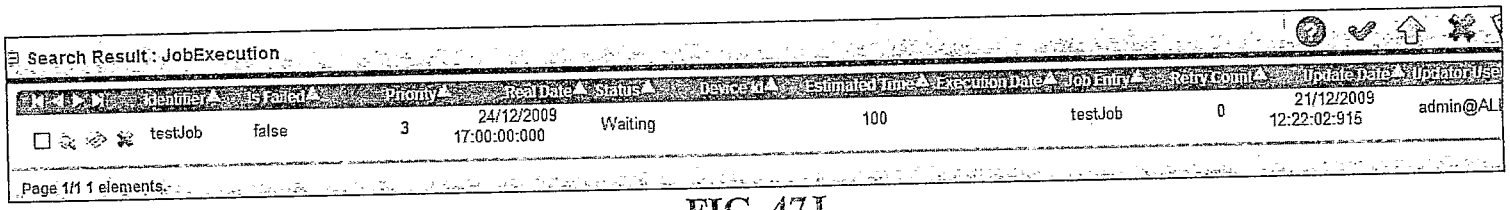
Search Result : JobExecution
JobName
IsFailed
Priority
Real Date
Status
Index
Estimated Time
Execution Date
Job Entry
RetryComm
Update Date
Update User
testJob
false
3
24/12/2009 17:00:00:000
Waiting
100
testJob
0
21/12/2009 12:22:02:915
admin@AL
Page 1/1 1 elements.

FIG. 47J

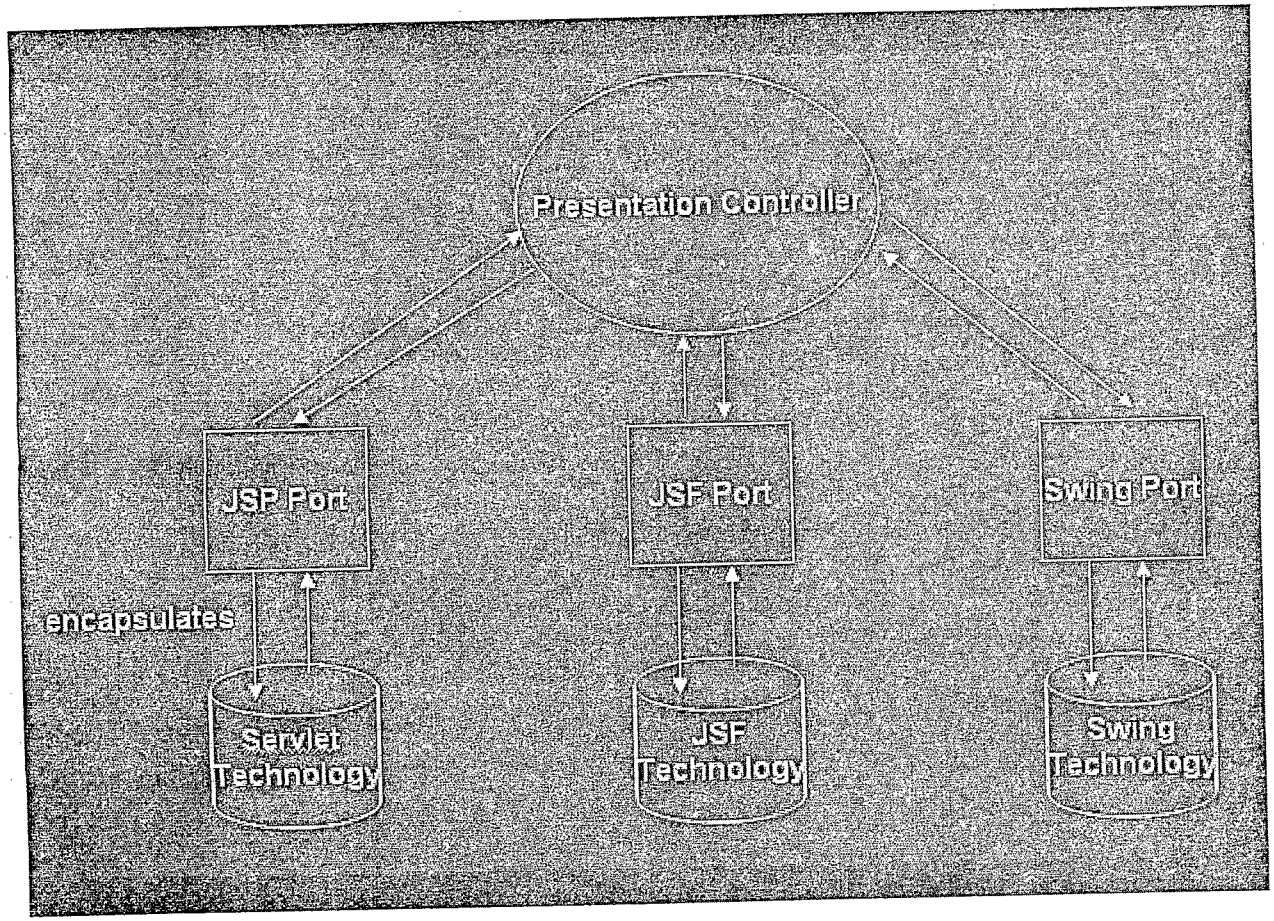
Presentation Controller
JSP Port
JSF Port
Swing Port
encapsulates
Servlet Technology
JSF Technology
Swing Technology

FIG. 48

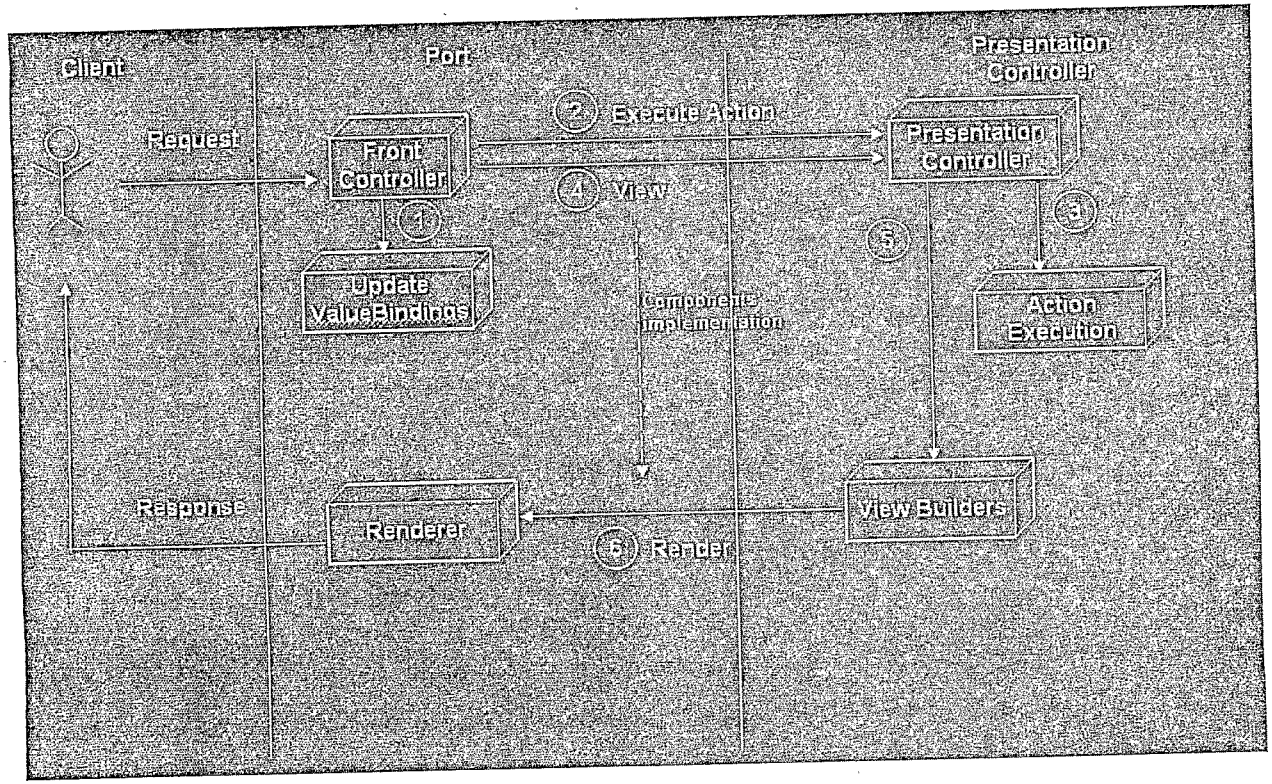
Client
Port
Presentation Controller
Request
Front Controller
2 Execute Action
Presentation Controller
4 View
1
3
5
Update ValueBindings
Components Implementation
Action Execution
Response
Renderer
View Builders
6 Render

FIG. 49

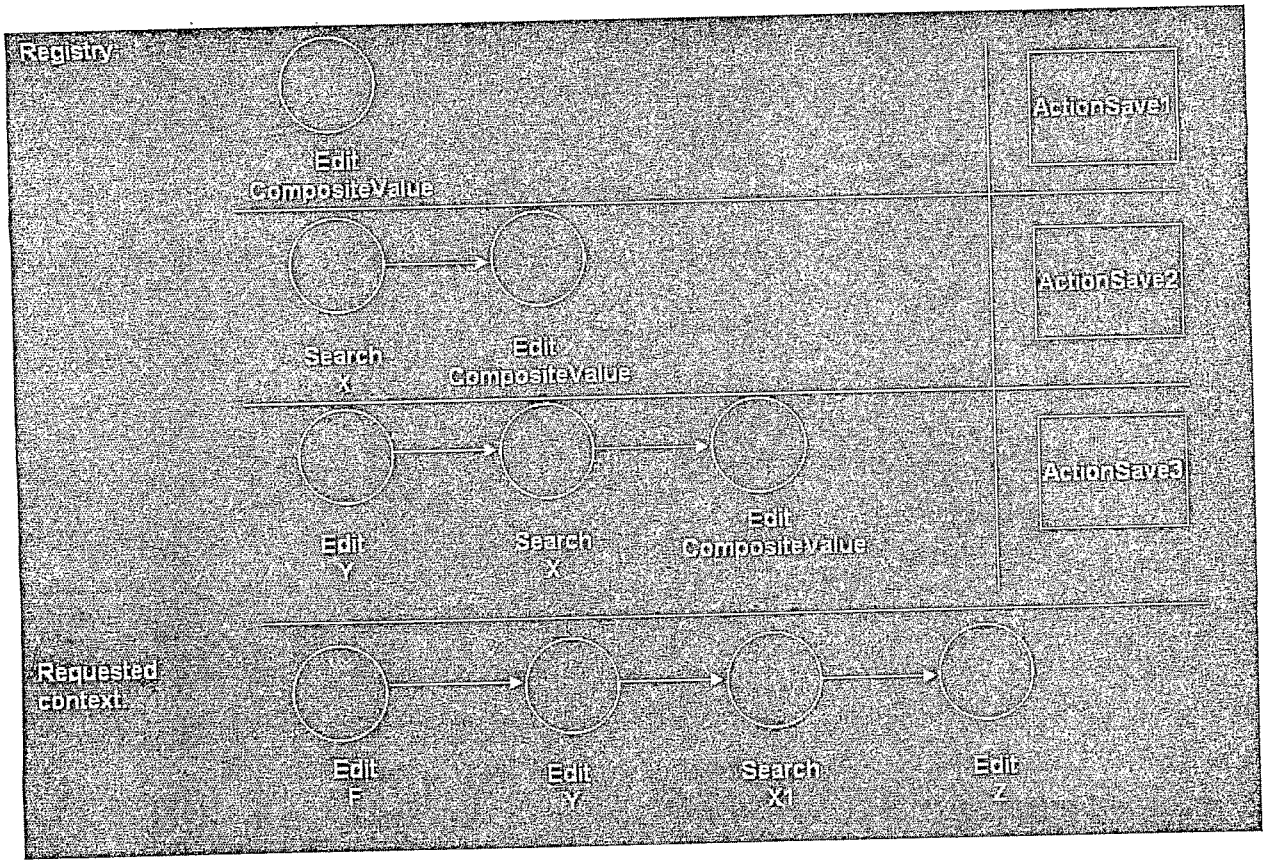
Registry
Edit
CompositeValue
ActionSave1
Search
X
Edit
CompositeValue
ActionSave2
Edit
Y
Search
X
Edit
CompositeValue
ActionSave3
Requested
context
Edit
F
Edit
Y
Search
X1
Edit
Z

FIG. 50

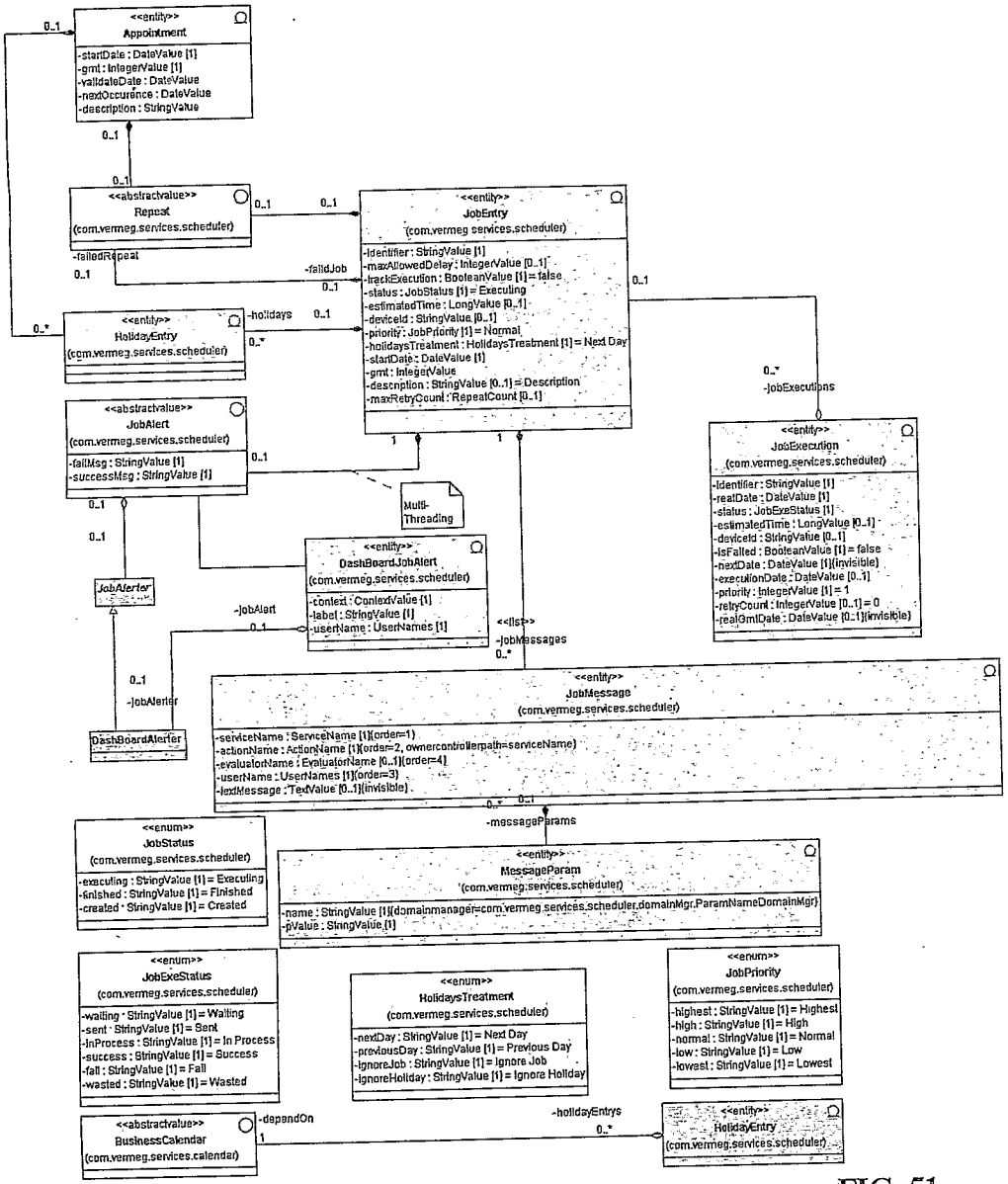
<<entity>>
Appointment
-startDate : DateValue [1]
-gmt : IntegerValue [1]
-validateDate : DateValue
-nextOccurence : DateValue
-description : StringValue
<<abstractvalue>>
Repeat
(com.vermeg.services.scheduler)
-failedRepeat
-failedJob
<<entity>>
JobEntry
(com.vermeg.services.scheduler)
-identifier : StringValue [1]
-maxAllowedDelay : IntegerValue [0..1]
-trackExecution : BooleanValue [1] = false
-status : JobStatus [1] = Executing
-estimatedTime : LongValue [0..1]
-deviceId : StringValue [0..1]
-priority : JobPriority [1] = Normal
-holidaysTreatment : HolidaysTreatment [1] = Next Day
-startDate : DateValue [1]
-gmt : IntegerValue
-description : StringValue [0..1] = Description
-maxRetryCount : RepeatCount [0..1]
<<entity>>
HolidayEntry
(com.vermeg.services.scheduler)
-holidays
<<abstractvalue>>
JobAlert
(com.vermeg.services.scheduler)
-failMsg : StringValue [1]
-successMsg : StringValue [1]
Multi-Threading
-jobExecutions
<<entity>>
JobExecution
(com.vermeg.services.scheduler)
-identifier : StringValue [1]
-realDate : DateValue [1]
-status : JobExeStatus [1]
-estimatedTime : LongValue [0..1]
-deviceId : StringValue [0..1]
-isFailed : BooleanValue [1] = false
-nextDate : DateValue [1]{invisible}
-executionDate : DateValue [0..1]
-priority : IntegerValue [1] = 1
-retryCount : IntegerValue [0..1] = 0
-realGmtDate : DateValue [0..1]{invisible}
JobAlerter
DashBoardAlerter
<<entity>>
DashBoardJobAlert
(com.vermeg.services.scheduler)
-context : ContextValue [1]
-label : StringValue [1]
-userName : UserNames [1]
-jobAlert
-jobAlerter
<<list>>
-jobMessages
<<entity>>
JobMessage
(com.vermeg.services.scheduler)
-serviceName : ServiceName [1]{order=1}
-actionName : ActionName [1]{order=2, ownercontrollerpath=serviceName}
-evaluationName : EvaluationName [0..1]{order=4}
-userName : UserNames [1]{order=3}
-textMessage : TextValue [0..1]{invisible}
-messageParams
<<enum>>
JobStatus
(com.vermeg.services.scheduler)
-executing : StringValue [1] = Executing
-finished : StringValue [1] = Finished
-created : StringValue [1] = Created
<<entity>>
MessageParam
(com.vermeg.services.scheduler)
-name : StringValue [1]{domainmanager=com.vermeg.services.scheduler.domainMgr.ParamNameDomainMgr}
-pValue : StringValue [1]
<<enum>>
JobExeStatus
(com.vermeg.services.scheduler)
-waiting : StringValue [1] = Waiting
-sent : StringValue [1] = Sent
-inProcess : StringValue [1] = In Process
-success : StringValue [1] = Success
-fail : StringValue [1] = Fail
-wasted : StringValue [1] = Wasted
<<enum>>
HolidaysTreatment
(com.vermeg.services.scheduler)
-nextDay : StringValue [1] = Next Day
-previousDay : StringValue [1] = Previous Day
-ignoreJob : StringValue [1] = Ignore Job
-ignoreHoliday : StringValue [1] = Ignore Holiday
<<enum>>
JobPriority
(com.vermeg.services.scheduler)
-highest : StringValue [1] = Highest
-high : StringValue [1] = High
-normal : StringValue [1] = Normal
-low : StringValue [1] = Low
-lowest : StringValue [1] = Lowest
<<abstractvalue>>
BusinessCalendar
(com.vermeg.services.calendar)
-dependOn
-holidayEntrys
<<entity>>
HolidayEntry
(com.vermeg.services.scheduler)

FIG. 51

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 comptable], 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 comptable], validate date [09/12/2009 13:00:00:000], status [Executing], new validte 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 comptable], 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