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2010 04 13

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(73)

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(21) 10-2004-7006720

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(85) 2004 05 03

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(43) 2005 03 30

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(87) WO 2004/023295

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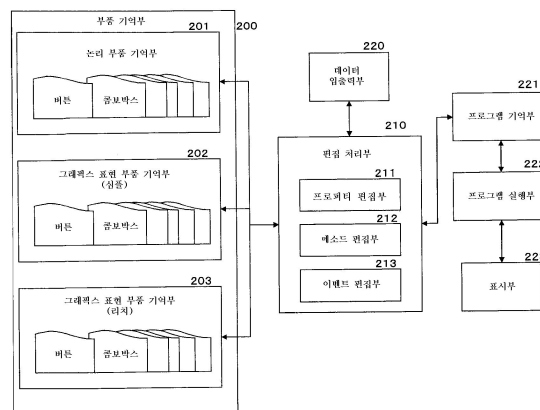
GUI

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[0001]

$$, \quad \text{GU}$$

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GUI

[0002]

PC, CRT, LOD

(GU)

GUI ,

, Sun Microsystems, Inc.

Java

[0003]

Java (Byte Code) , Java (JavaVM) , Java ()

[0004]

Java ,
() , Java ,
(Java Beans) .

[0005]

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Java beans

[0006] Java (class) , 1 Java
(Variable) , (Method)
, LAN PC
Java ,

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[0036] CD FD MO ,

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[0040] 3 GUI .

[0041] 4 GUI .

[0042] 5 GUI .

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[0048] , GUI , 1 .
1 , GUI (100) GUI (O
CPU(Central Processing Unit : 101)
S) , GUI CPU(101) , Java
, GUI , CPU(101) , (107)

[0049] (102) , CPU(101) ,
1 (102) ROM DRAM

[0050] (150) , GUI .

[0051] (103) CPU(101)
(103) , ()
(108) , HDD(111) ,
CPU(101) (108) .

[0052] (104) , (109) (110) GUI
(100) , (109) (110) ,

[0053] (105) , (Ethernet) , GUI
(100) LAN(Local Area Network) ,

[0054] , () (transparent)

- [0055] HDD(111) (106) (HD: 111) (112) GUI (100)
- [0056] HDD(111) HDD(111) CPU(101)
- [0057] (112) , CD(Compact Disc) MO(Magneto-Optical disc), DVD(Digital Versatile Disc) (160)
- [0058] (160) ()
- [0059] 1 IBM "PC/AT(Personal Computer/Advanced Technology)"
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- [0068] (210) () (211), (212), (213)

- [0069] , GUI , ,
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, (201) .
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- [0077] , S101 , GUI (Create) GUI
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, ,
- [0078] , S102 , Look&Feel
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.
- [0079] S103 , S101 .
- [0080] S104 , ()
(Create) , , ,
- [0081] S105 , ,
, , (Paint) ()
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 GUI (Create), , ,
 [0085] S202, Look&Feel
 Look&Feel
 [0086] S203, S201
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 [0088] S205, , ,
 (S206)
 [0089] S207, ,
 (Paint) () , () ,
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 [0093] GUI, [Button] GUI
 [0094] CButton.java : Button
 [0095] Button.java : Button Look&Feel
 [0096] button_normal_off.gif : Button
 [0097] button_normal_on.gif : Button
 [0098] button_pushed.gif : Button
 [0099] CComponentFactory.java : Button
 [0100] Application.java : Button
 [0101] , Java
 [0102] 5 GUI [application]
 [customtoolkit] CButton.java : Button
 CComponentFactory.java : Button
 Look&Feel [laf]
 [0103] Look&Feel [laf] Button.java : Button Look&Feel

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buttcon_normal_off.gif: Buttcon , buttcon_normal_on.gif: Buttcon
, buttcon_pushed.gif: Buttcon ,

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(320), (330) .

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 , () , (321, 322) .
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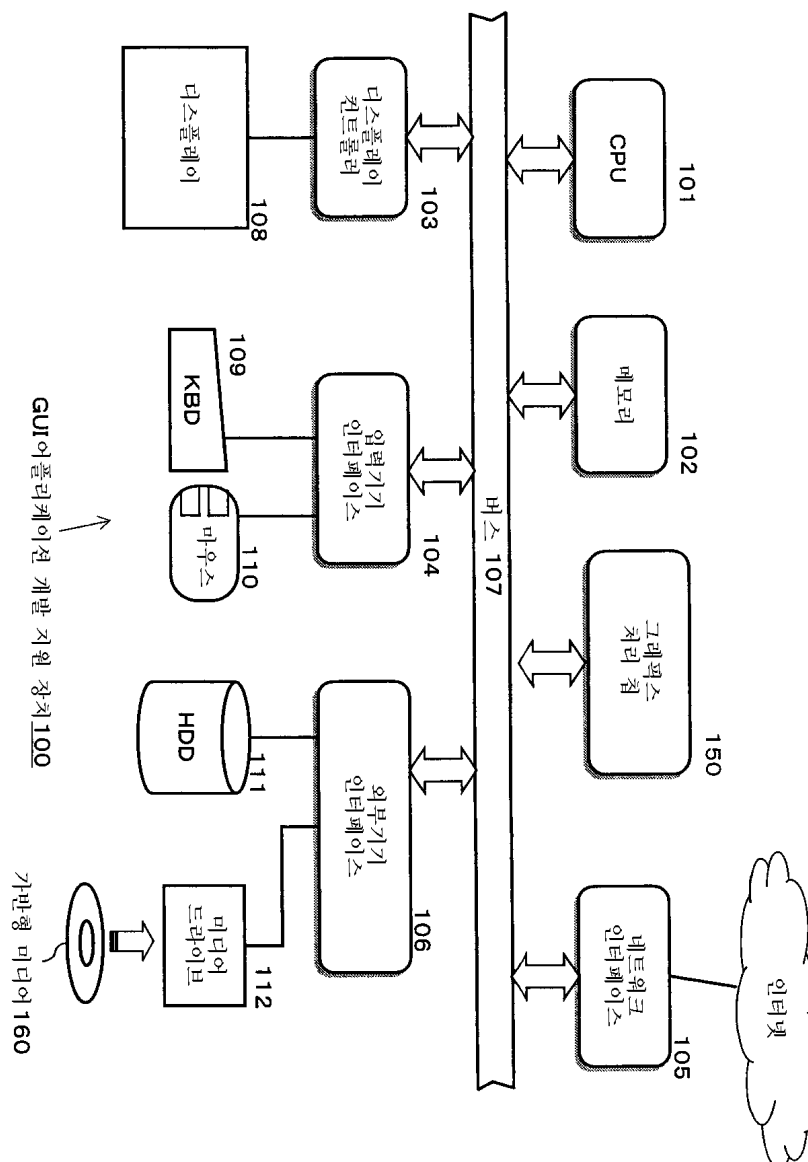
ROM(Read Only Memory), CD-ROM(Compact Disc Read Only Memory), MO(Magneto optical)
 DVD(Digital Versatile Disc),
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[0118]

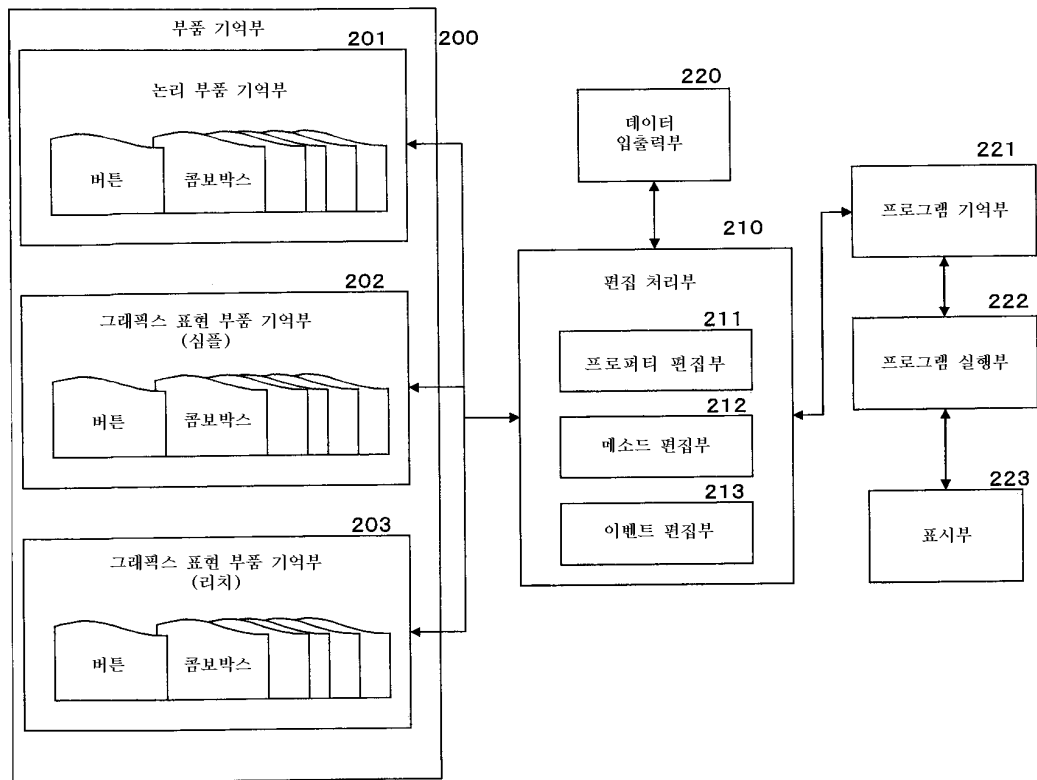
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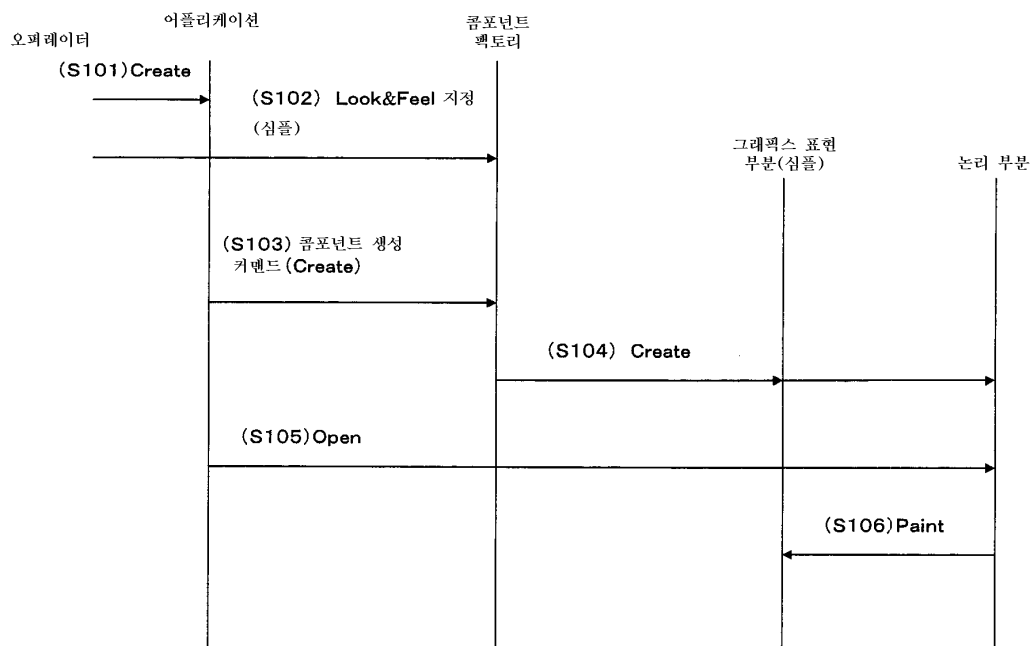
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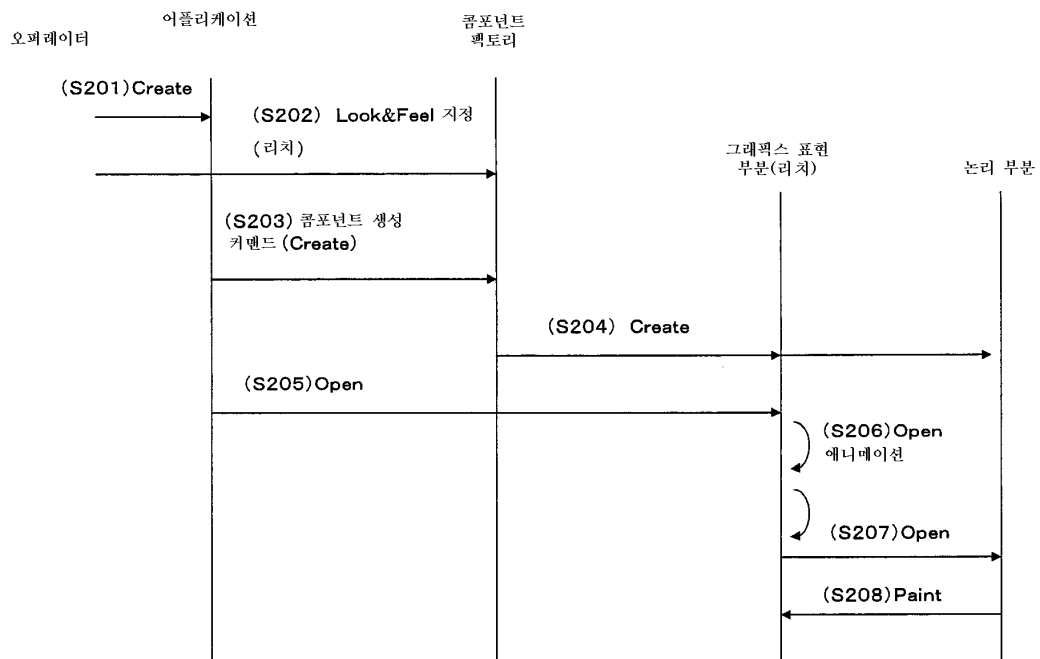
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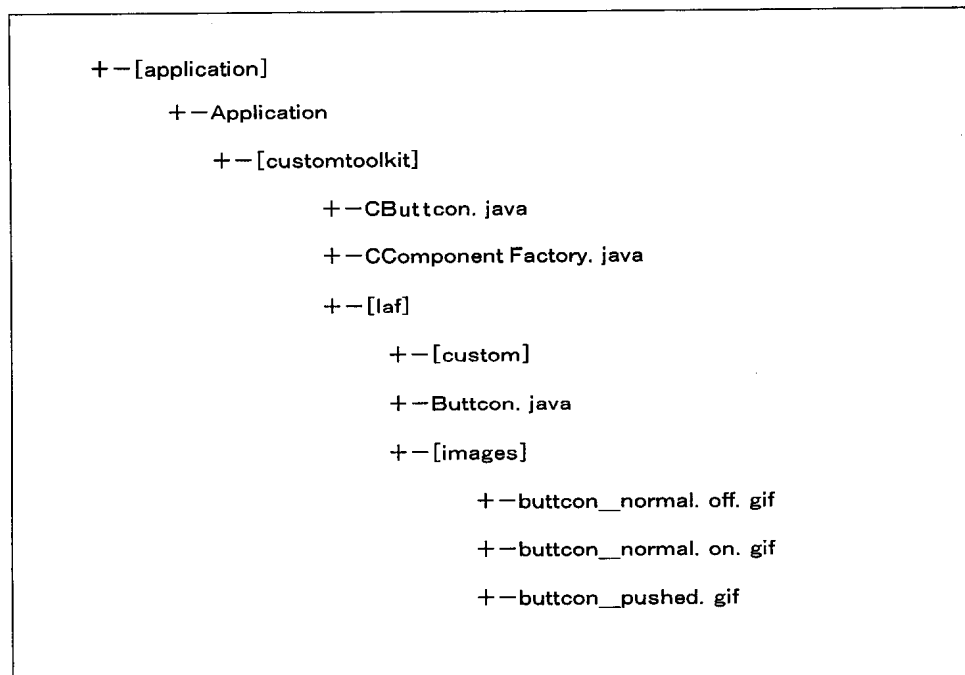
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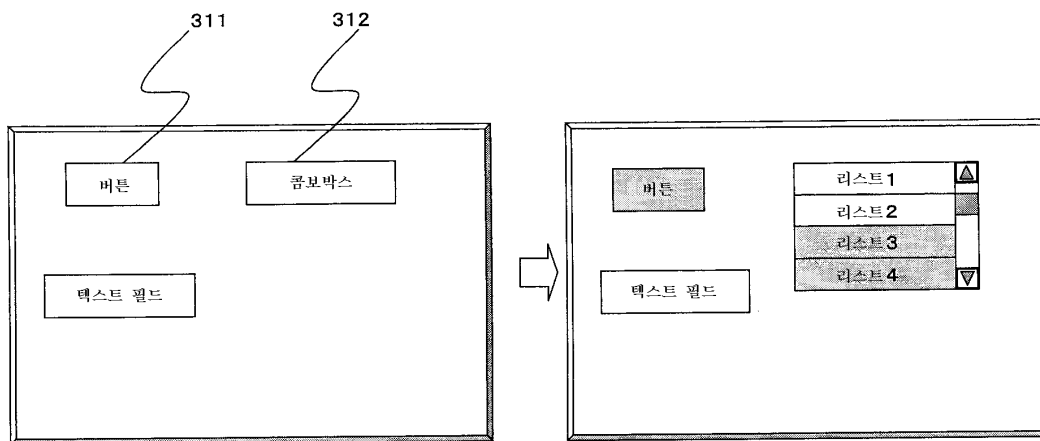
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