

FIG. 1

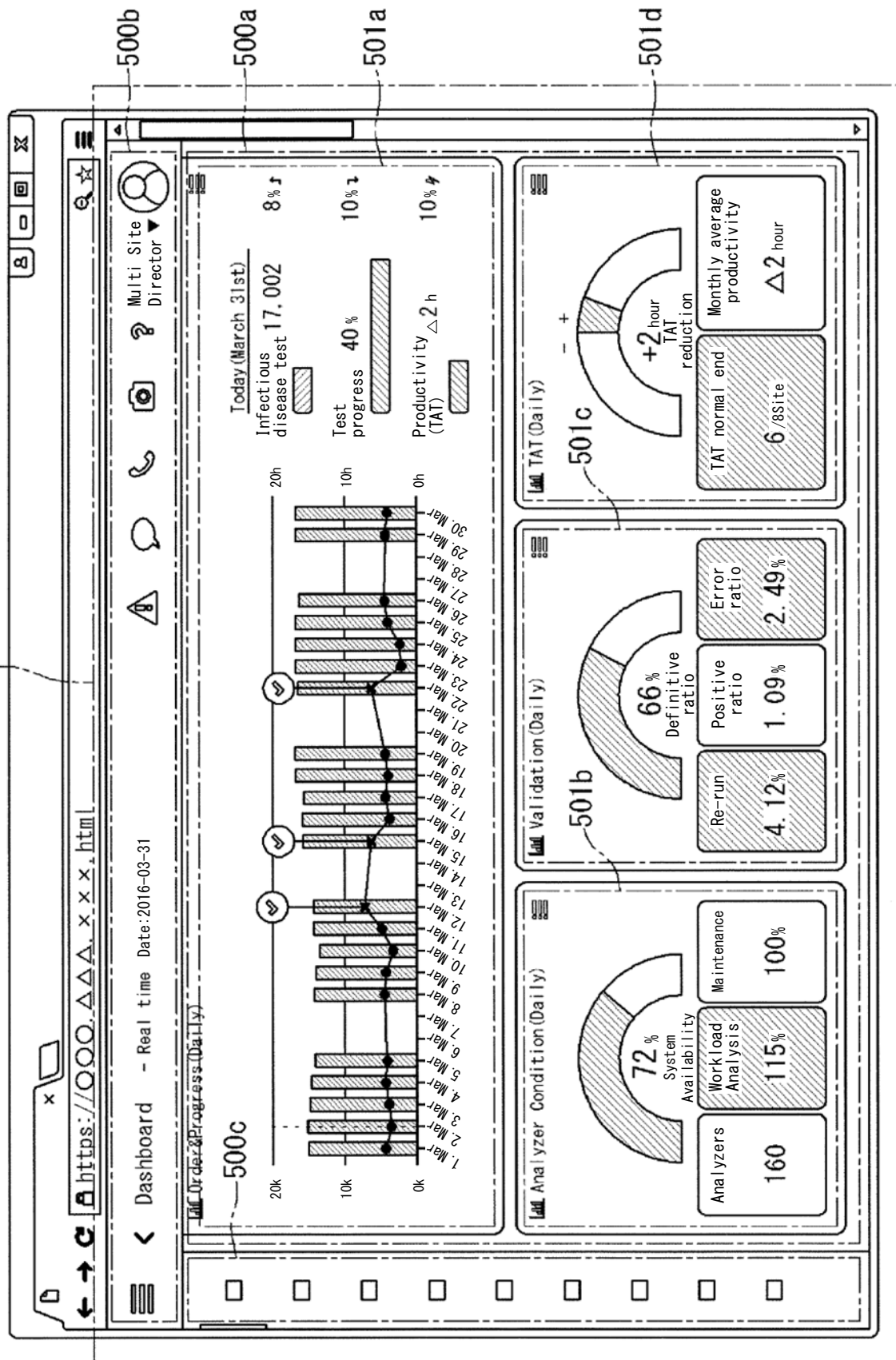


FIG. 2

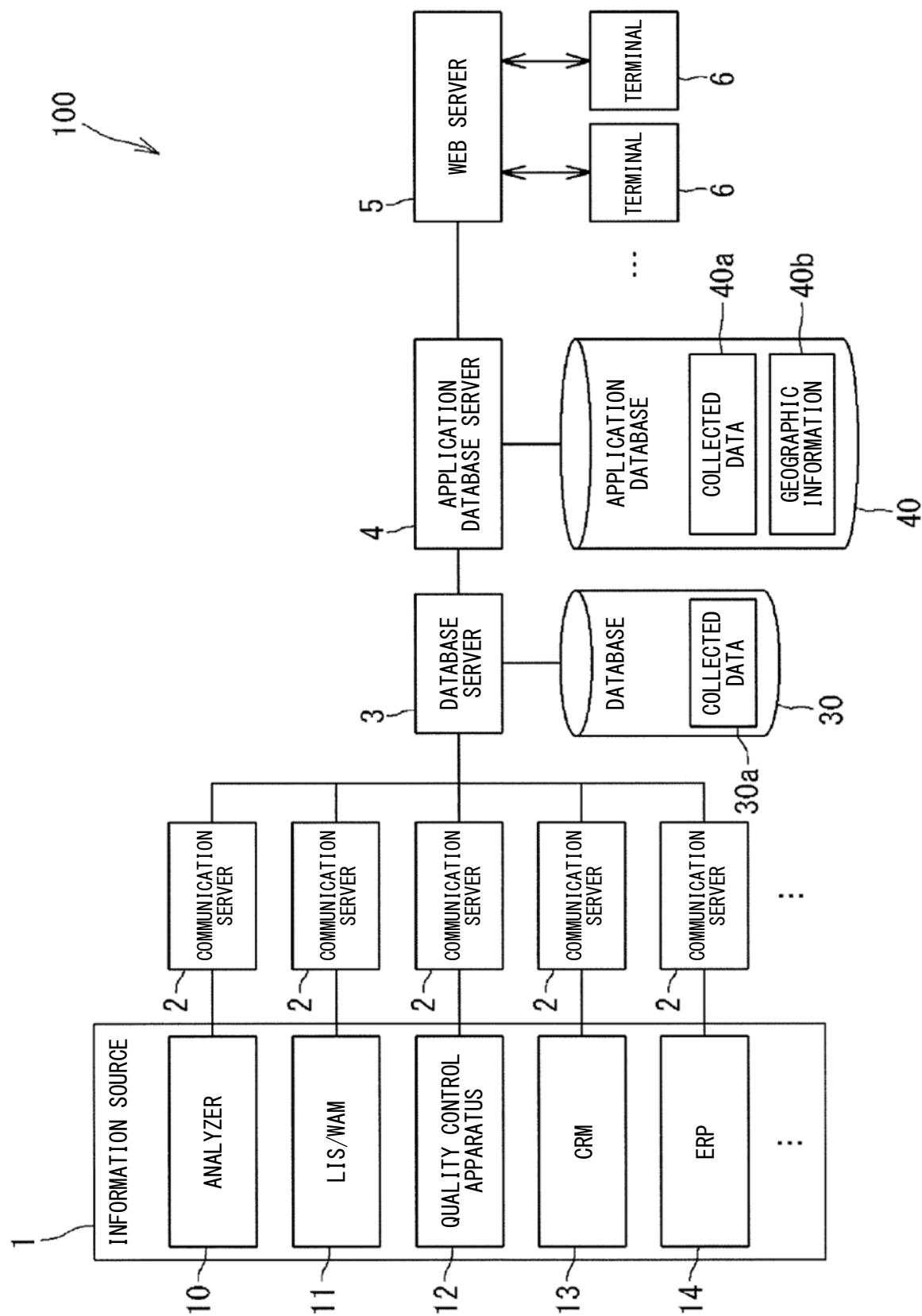


FIG. 3

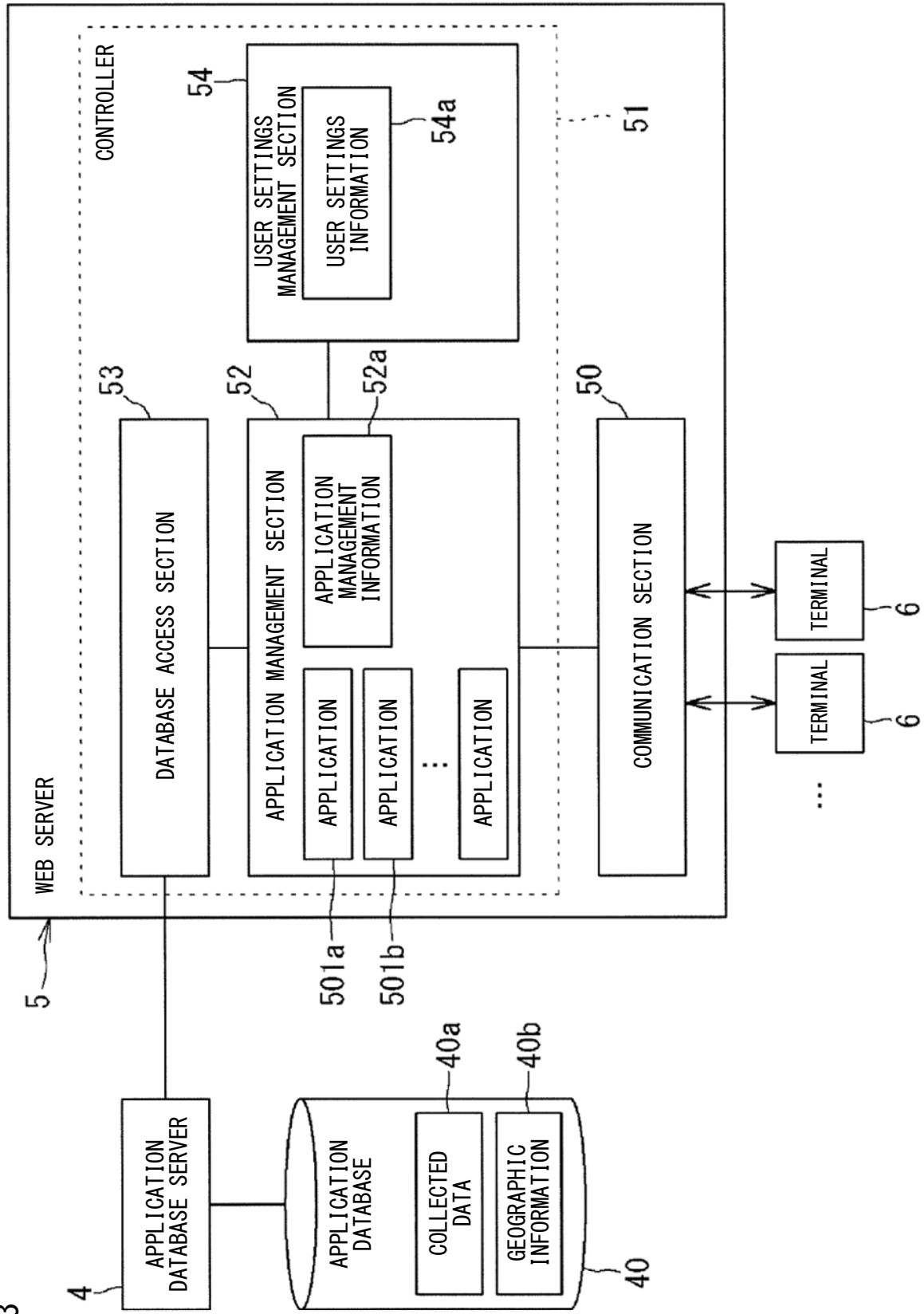


FIG. 4

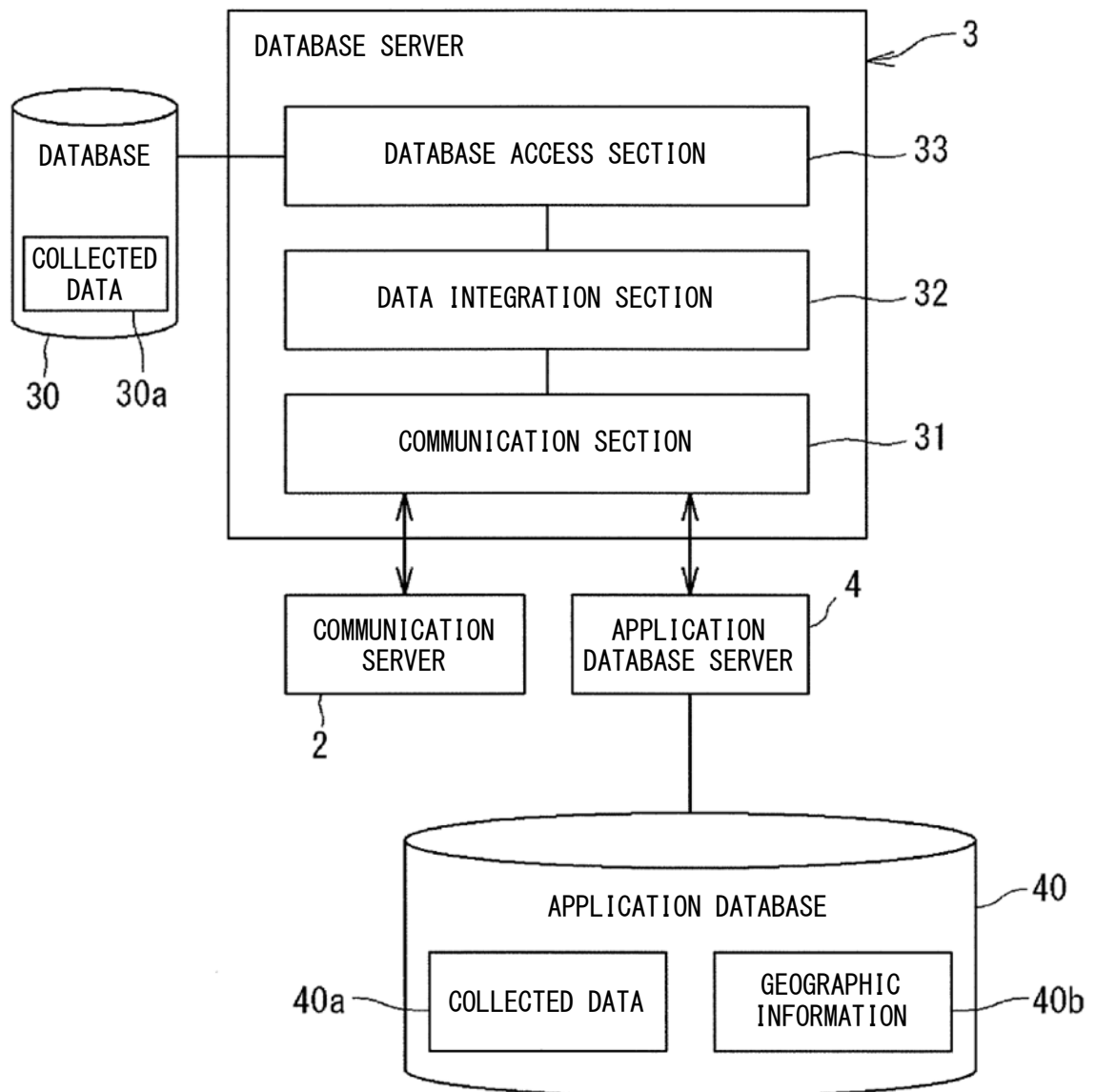


FIG. 5

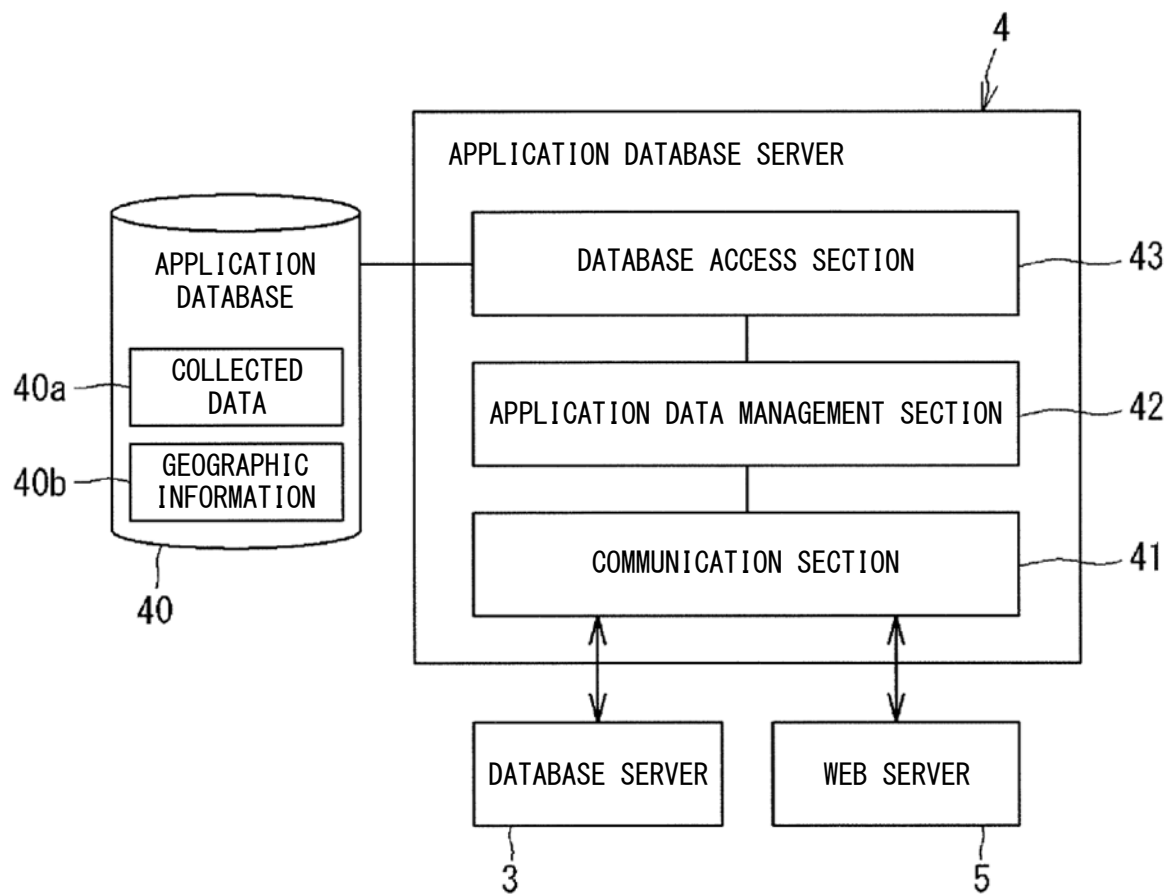


FIG. 6

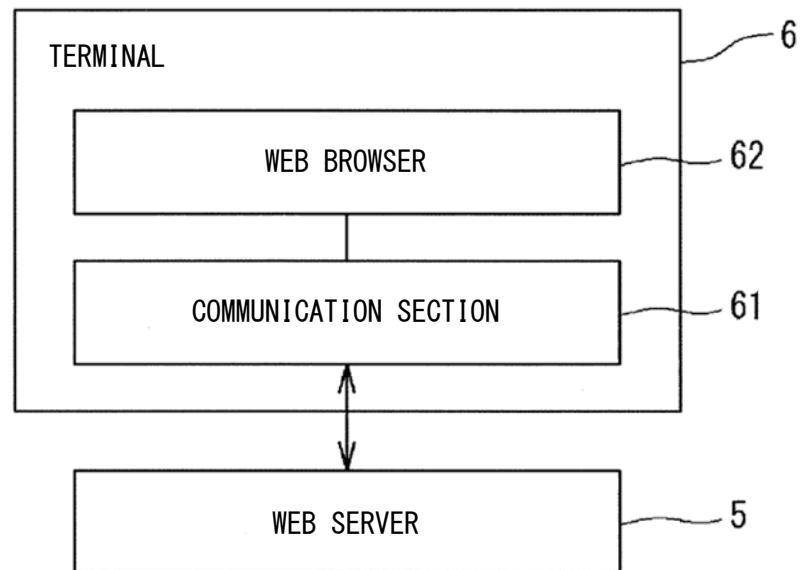


FIG. 7

ANALYZER ID: A

30a

COLLECTED DATA

Data kind
Consumables remaining amount
Test time
Apparatus operating time
Processed specimen count
Maintenance time
The number of times of maintenance
Maintenance history
The number of errors
Down time due to error
Error history
The number of re-runs
Positive ratio
Definitive ratio
...

ANALYZER ID: B

30a

COLLECTED DATA

Data kind
Consumables remaining amount
Test time
Apparatus operating time
Processed specimen count
Maintenance time
The number of times of maintenance
Maintenance history
The number of errors
Down time due to error
Error history
The number of re-runs
Positive ratio
Definitive ratio
...

...

FIG. 8

ANALYZER ID: A

30a

COLLECTED DATA

Data kind	Value	Timestamp	Value	Timestamp	...
⋮					
Processed specimen count	35	2016/7/5 AM10:00	75	2016/7/5 AM11:00	...
⋮					
The number of errors	3	2016/7/1 AM10:00	3	2016/7/1 PM 3:00	...
Down time due to error	2h	2016/7/1 AM10:00	2h	2016/7/5 PM11:00	...
⋮					
Positive ratio	1.22%	2016/7/1 AM10:00	1.13%	2016/7/1 PM 3:00	...
⋮					

FIG. 9

ANALYZER ID: A

30a

COLLECTED DATA

Data kind	Test item	Value	Timestamp	...
Processed specimen count	Item (1) hBs-Ag	10	2016/7/5 AM10:00	...
	Item (2) hCV	4	2016/7/5 AM10:00	...
	...	...	...	...
The number of re-runs	Item (1) hBs-Ag	5	2016/7/1 PM 4:00	...
	Item (2) hCV	0	2016/7/1 PM 4:00	...
	...	...	...	...
...				

FIG. 10

ANALYZER ID: A

30a

COLLECTED DATA

Data kind	Error factor	Value	Timestamp	...
The number of re-runs	Reagent/consumable	1	2016/7/1 PM 4:00	...
	Apparatus error	3	2016/7/1 PM 4:00	...
	Measurement error	1	2016/7/1 PM 4:00	...
	Panic value	0	2016/7/1 PM 4:00	...
	...	...	...	...
Re-run ratio	Reagent/consumable	1.27%	2016/7/1 PM 4:00	...
	Apparatus error	1.57%	2016/7/1 PM 4:00	...
	Measurement error	1.27%	2016/7/1 PM 4:00	...
	Panic value	0%	2016/7/1 PM 4:00	...
	...	...	...	...
...				

FIG. 11

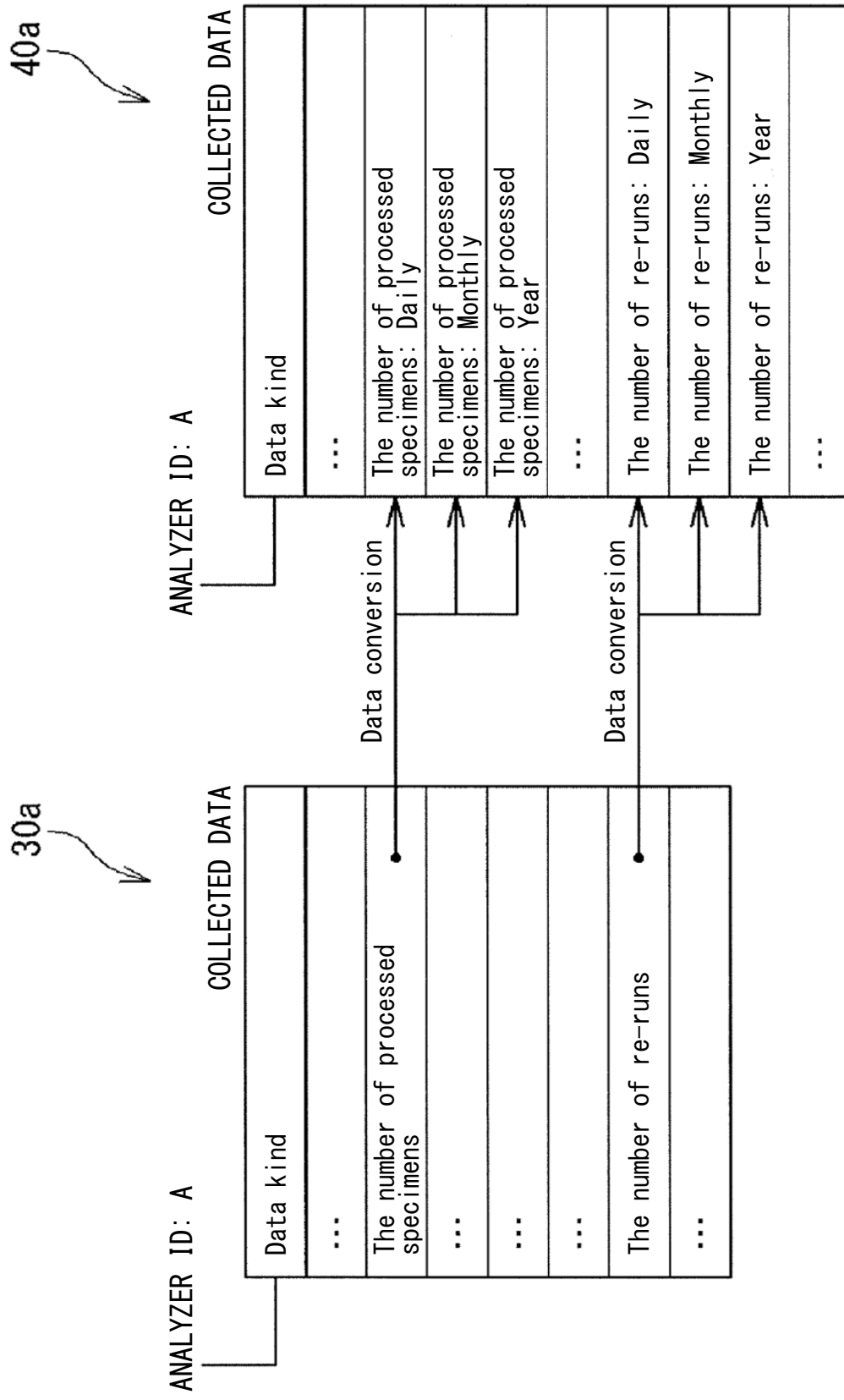


FIG. 12

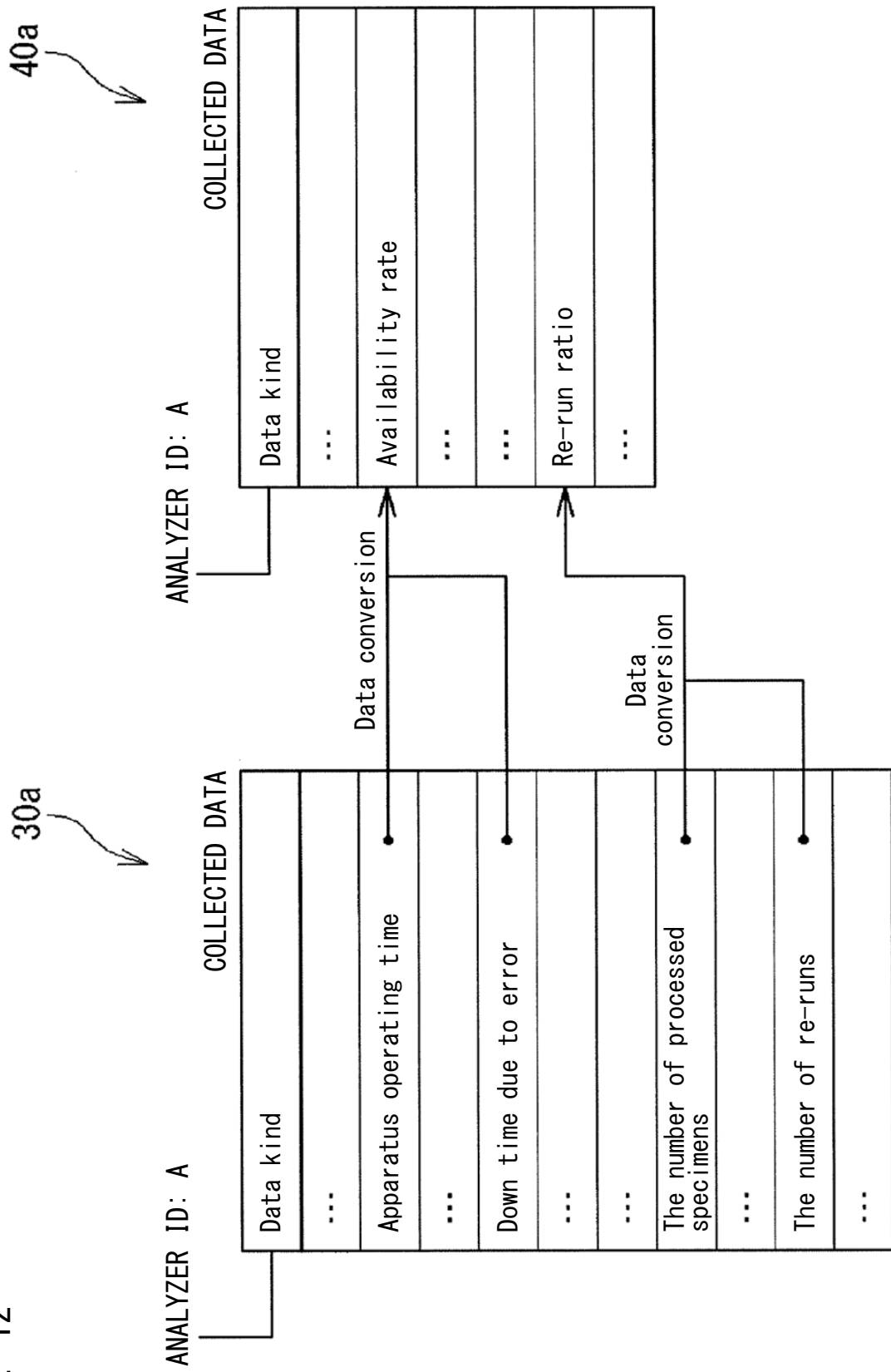


FIG. 13

40b
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GEOGRAPHIC INFORMATION

Area (1)	Area (2)	Area (3)	Area (4)	Apparatus ID
Japan	Kanto	Tokyo	Clinical laboratory: 1	ID: A
	Kanto	Tokyo	Clinical laboratory: 1	ID: B
	Kanto	Tokyo	Clinical laboratory: 1	ID: C
	Kanto	Kanagawa	Clinical laboratory: 2	ID: a
	Kanto	Kanagawa	Clinical laboratory: 3	ID: b
	Kinki	Osaka	Clinical laboratory: 4	ID: D
	Kinki	Osaka	Clinical laboratory: 4	ID: E
	Tokai and hokuriku	Nagoya	Clinical laboratory: 5	ID: F
	Hokkaido	Sapporo	Clinical laboratory: 6	ID: c
	Tohoku	Sendai	Clinical laboratory: 7	ID: d
...	...	...	...	...

FIG. 14

40b

GEOGRAPHIC INFORMATION

Area (1)	Area (2)	Area (3)	Area (4)	Apparatus ID
U. S. A	...	...	...	...
	Colorado	Denver	Clinical laboratory: 10	ID: AA
	Colorado	Denver	Clinical laboratory: 10	ID: BB
	Colorado	Vail	Clinical laboratory: 10	ID: CC
	Indiana	Indianapolis	Clinical laboratory: 20	ID: aa
	Indiana	Indianapolis	Clinical laboratory: 20	ID: bb
	Virginia	Arlington	Clinical laboratory: 40	ID: DD
	Virginia	Arlington	Clinical laboratory: 40	ID: EE
	Illinois	Chicago	Clinical laboratory: 50	ID: FF
	Wisconsin	Green Bay	Clinical laboratory: 60	ID: cc
	Massachusetts	Boston	Clinical laboratory: 70	ID: dd
	...	...	...	...

FIG. 15

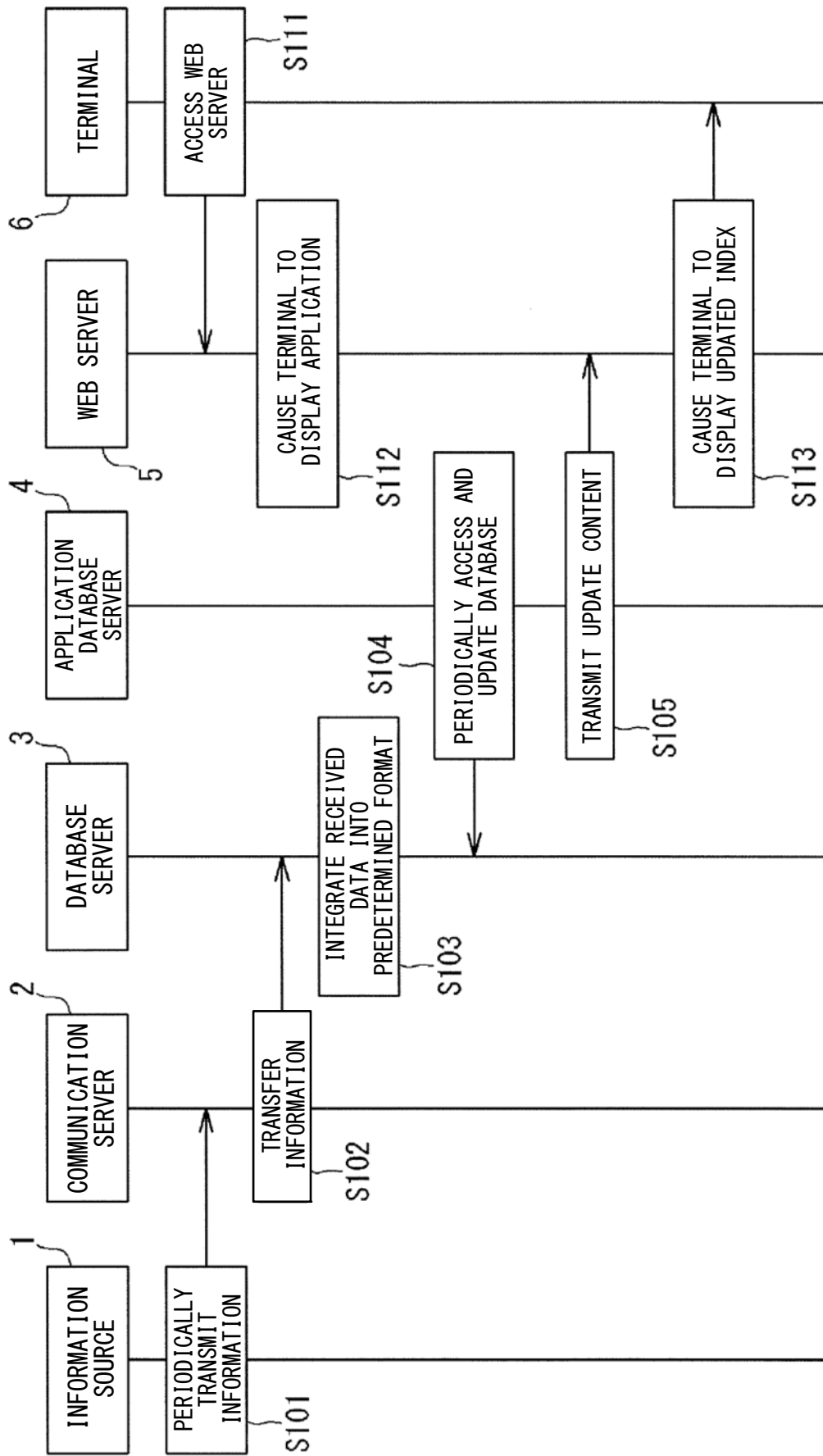


FIG. 16A

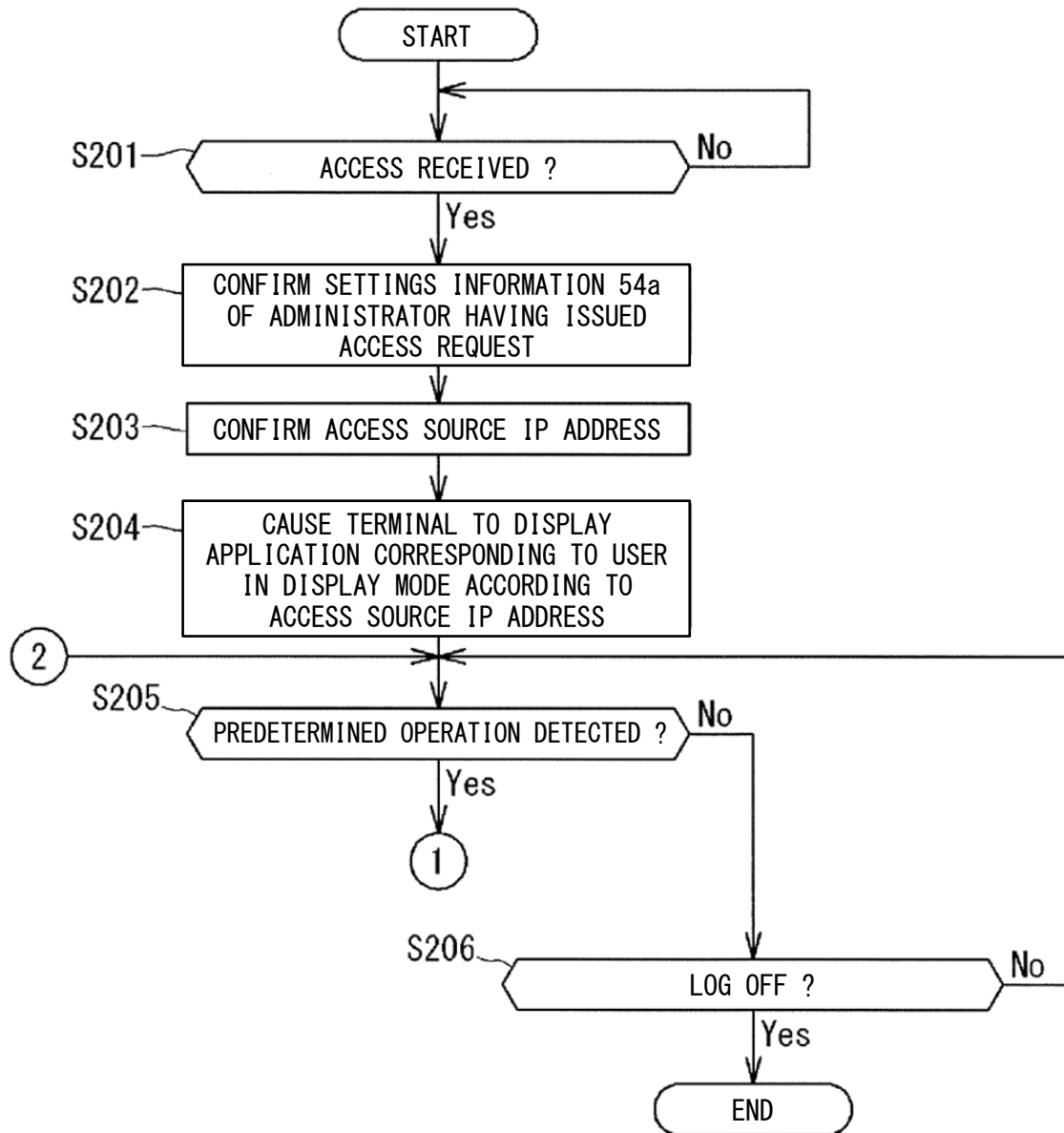


FIG. 16B

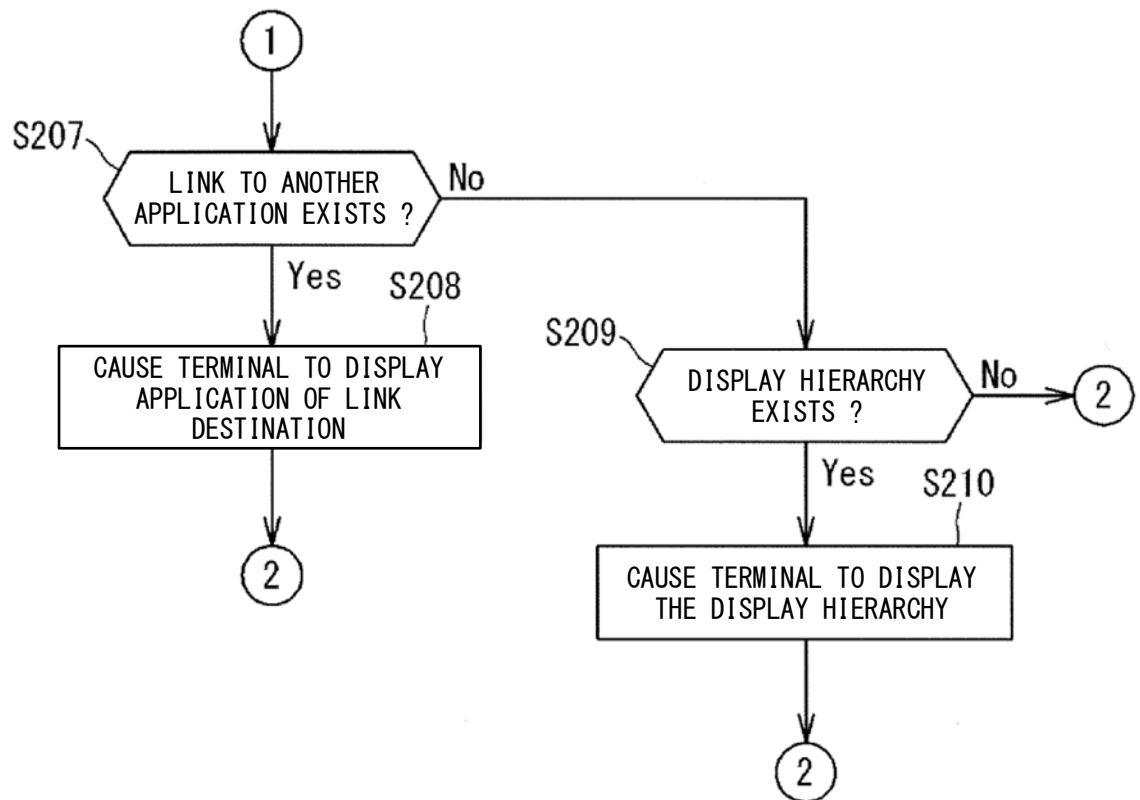


FIG. 17A

54a

USER SETTINGS INFORMATION (DISPLAY SETTING)

User	Application	Display settings	IP address
User ID: a001	Application ID: A1	Display settings information: A11	Unlimited IP address
	Application ID: A2	Display settings information: A21	
	Application ID: A3	Display settings information: A31	
	...	...	
User ID: a003	Application ID: a1	Display settings information: a11	⋮
	Application ID: a2	Display settings information: a21	
	...	...	
User ID: b001	Application ID: b1	Display settings information: b11	⋮
	Application ID: b2	Display settings information: b21	
	...	...	
	...		

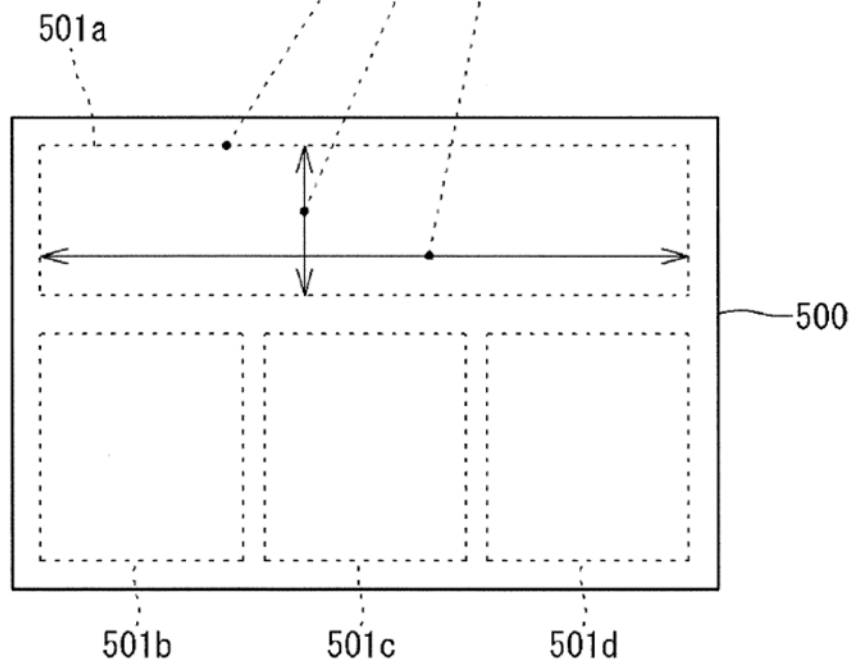


FIG. 17B

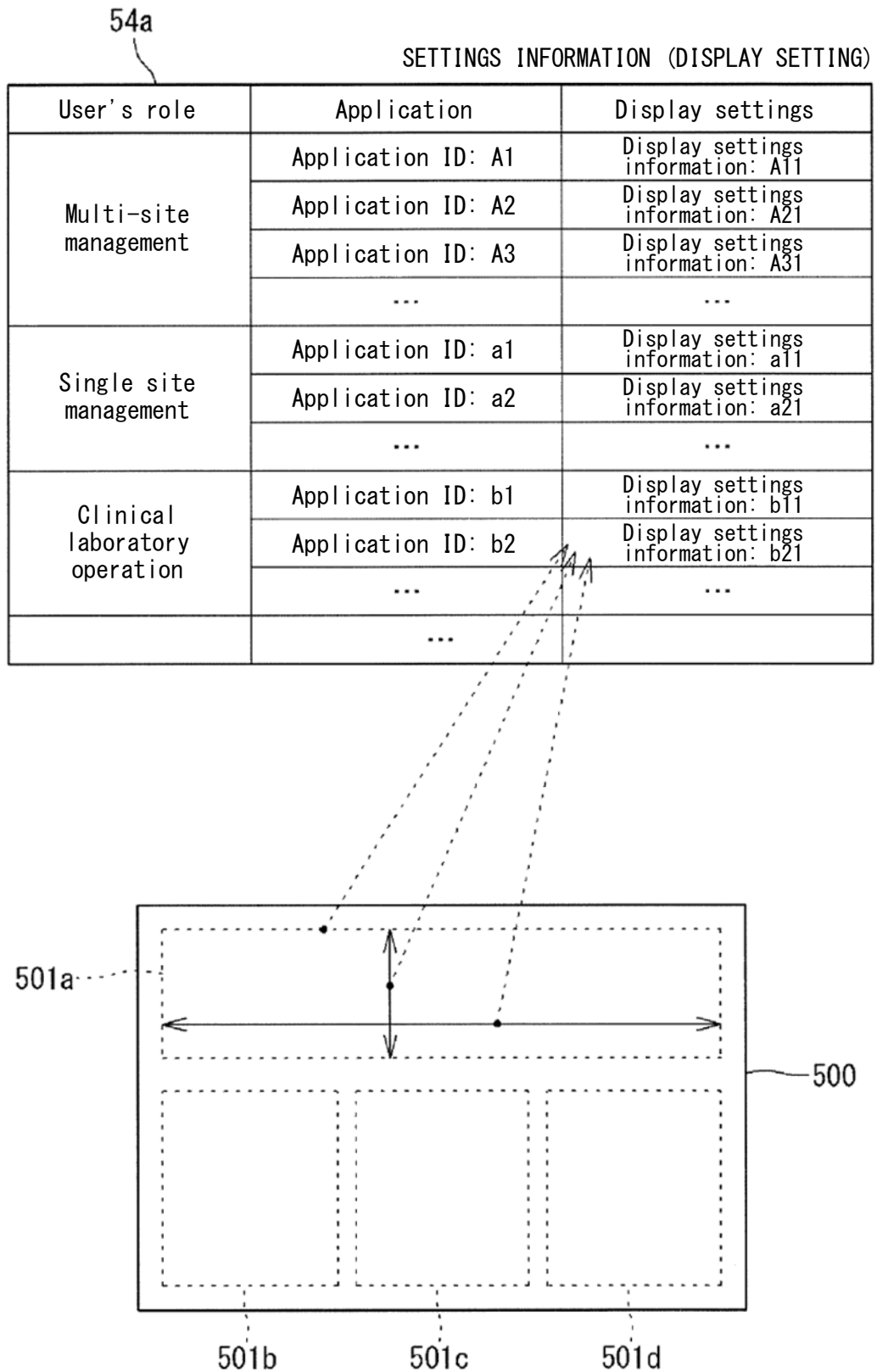


FIG. 17C

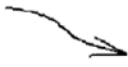
54a

USER SETTINGS INFORMATION (ROLE SETTING)

User	User's role	IP address
User ID: a001	Multi-site management	Unlimited IP address
User ID: a003	Single site management	...
User ID: b001	Clinical laboratory operation	...
...	...	...

FIG. 18

54a



USER SETTINGS INFORMATION (AREA SETTING)

User ID	User' s area 1	User' s area 2	User' s area 3	Analyzer ID
ID: a001	...	...	...	...
	Kanto	Tokyo	Clinical laboratory: 1	ID: A
	Kanto	Tokyo	Clinical laboratory: 1	ID: B
	Kanto	Tokyo	Clinical laboratory: 1	ID: C
	Kanto	Kanagawa	Clinical laboratory: 2	ID: a
	Kanto	Kanagawa	Clinical laboratory: 3	ID: b
	...	...	...	...
ID: a002	Kinki	Osaka	Clinical laboratory: 4	ID: D
	Kinki	Osaka	Clinical laboratory: 4	ID: E
ID: b001	Clinical laboratory: 5	Null	Null	ID: F

FIG. 19

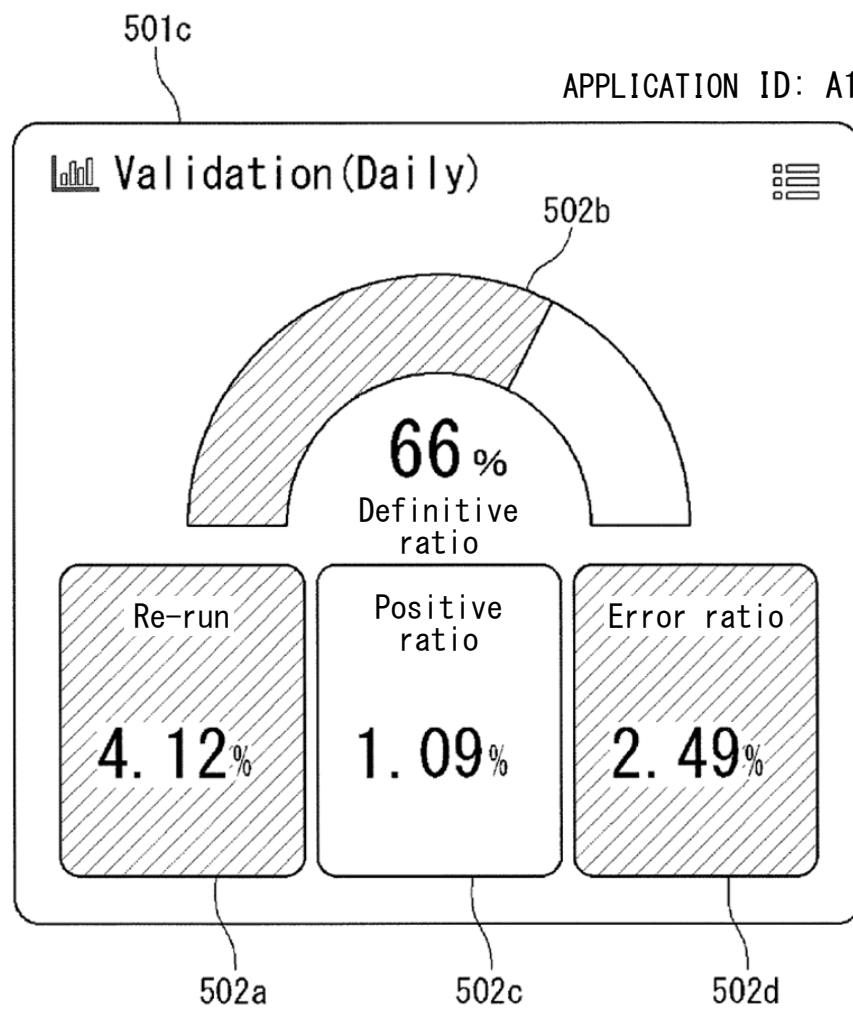


FIG. 20

APPLICATION ID: A1		APPLICATION MANAGEMENT INFORMATION	
Index to be displayed		Link destination	Display hierarchy
502a	Re-run ratio: Daily	Application ID: B1	Null
502b	Definitive ratio: Daily		
502c	Positive ratio: Daily		
502d	Error ratio: Daily		

52a

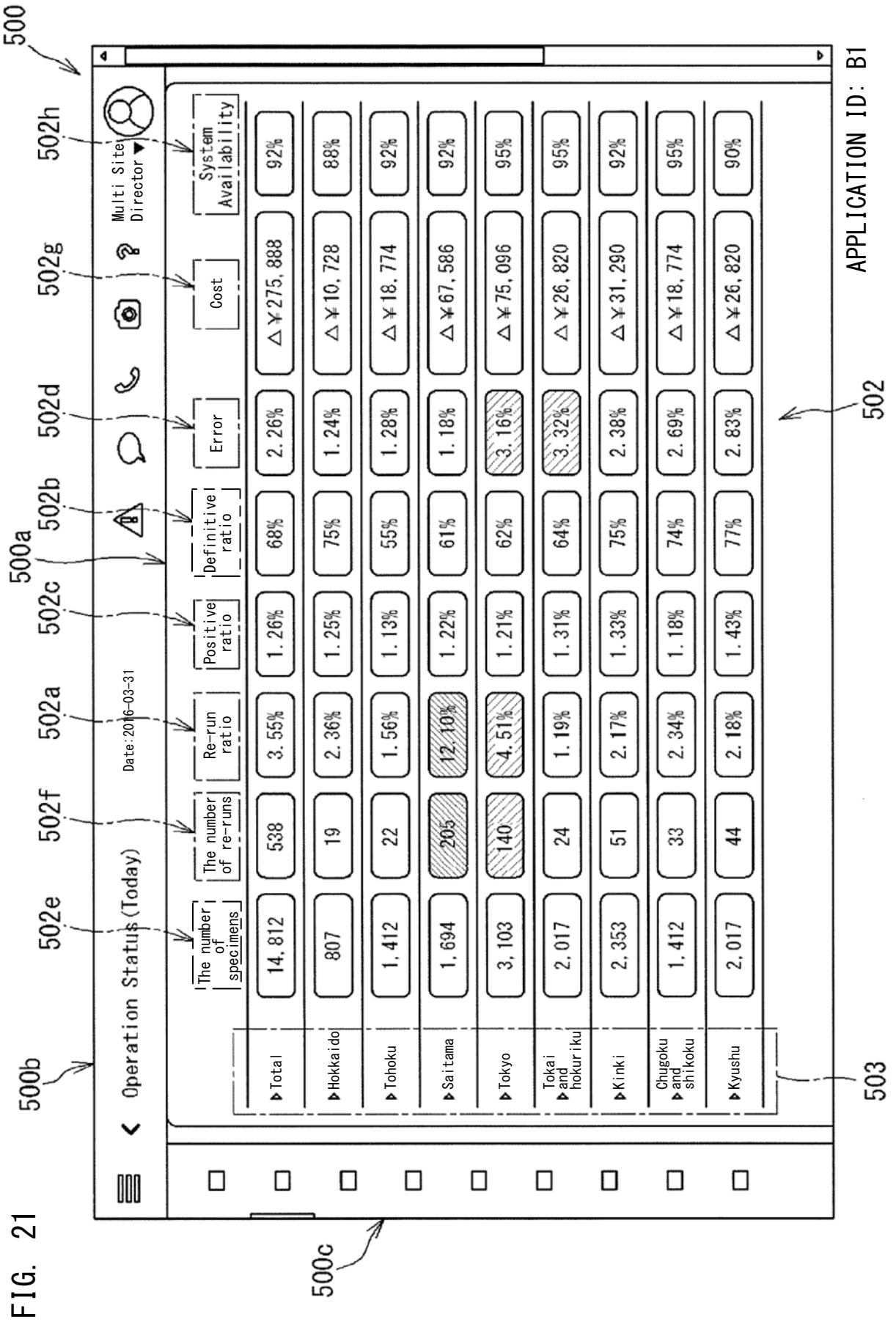


FIG. 22

APPLICATION ID: B1

APPLICATION MANAGEMENT INFORMATION			
Index to be displayed	Link destination	Display hierarchy	
Re-run ratio: Daily	Null	First hierarchical rank	Second hierarchical rank
The number of re-runs: Daily		First hierarchical rank	Second hierarchical rank
Definitive ratio: Daily		First hierarchical rank	
Positive ratio: Daily		First hierarchical rank	
Error ratio: Daily		First hierarchical rank	
Processed specimen count: Daily		First hierarchical rank	
Cost: Daily		First hierarchical rank	
System availability: Daily		First hierarchical rank	

52a

FIG. 23

APPLICATION ID: B1-FIRST HIERARCHICAL RANK

APPLICATION
MANAGEMENT
INFORMATION

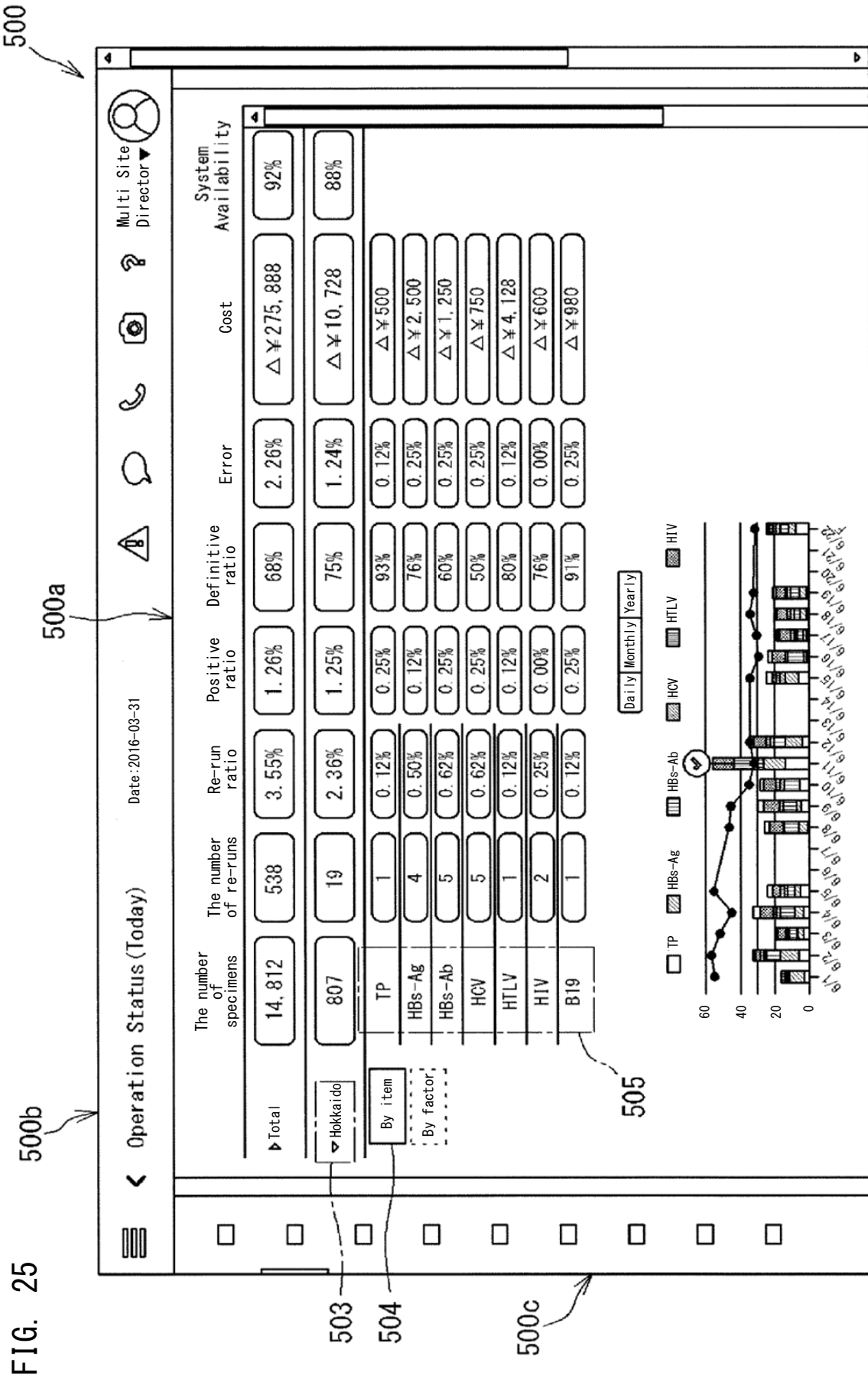
Index to be displayed	
Re-run ratio: Daily	Item (1) HBs-Ag
	Item (2) HCV
	...
The number of re-runs: Daily	Item (1) HBs-Ag
	Item (2) HCV
	...
...	

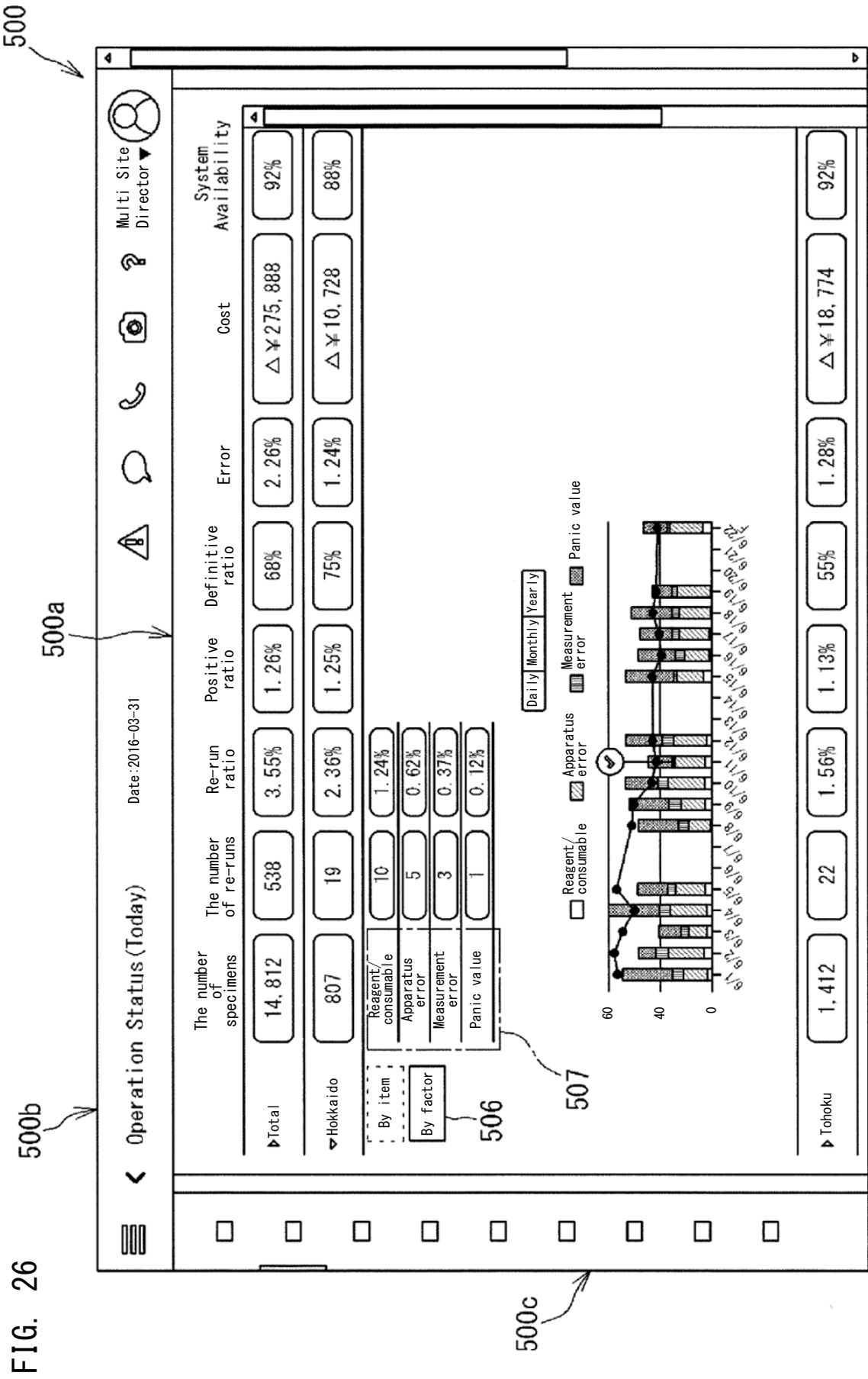
52a

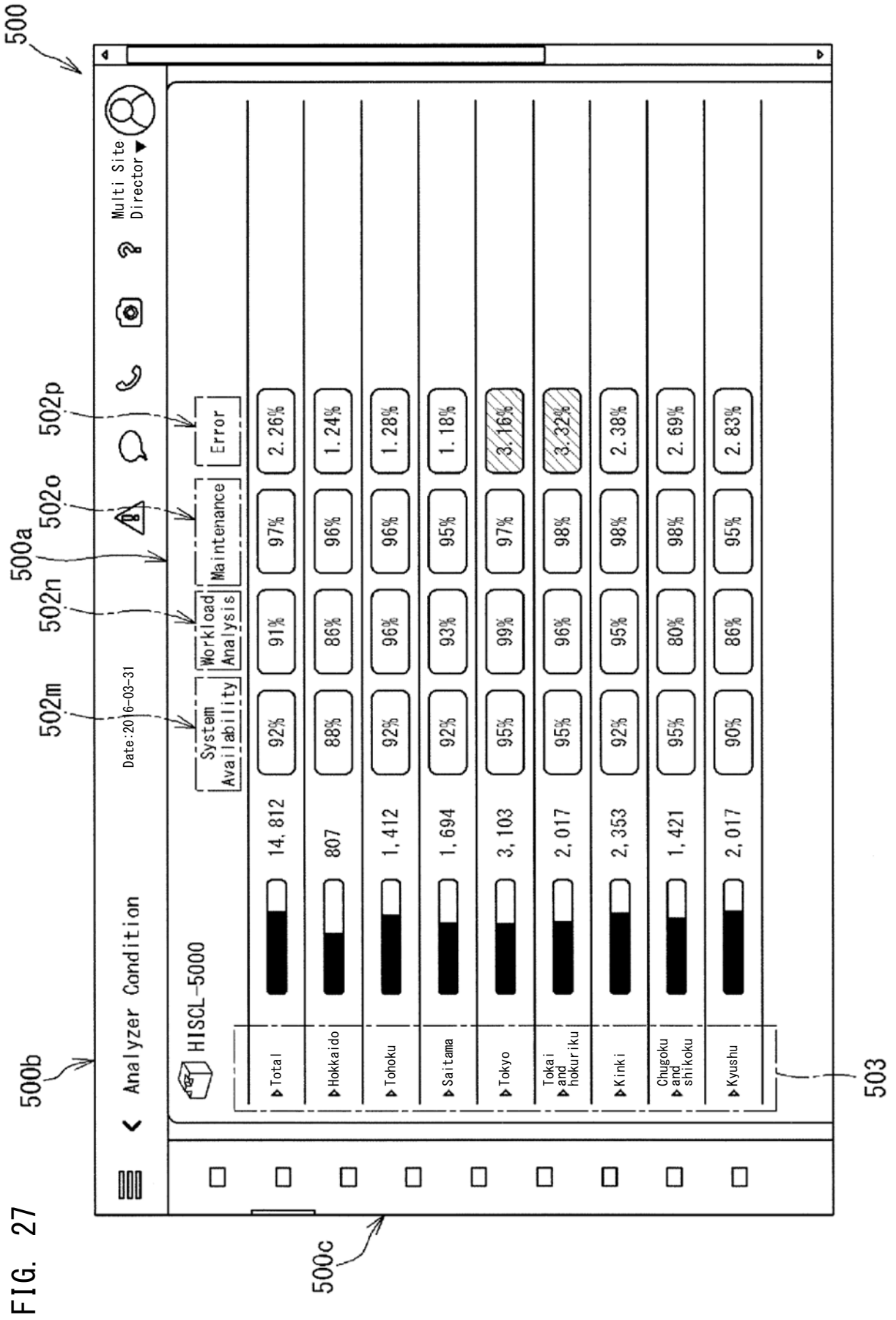
FIG. 24

APPLICATION ID: B1-SECOND HIERARCHICAL RANK		APPLICATION MANAGEMENT INFORMATION
Index to be displayed		
Re-run ratio: Daily	Reagent/consumable	
	Apparatus error	
	Measurement error	
	Panic value	
	...	
The number of re-runs: Daily	Reagent/consumable	
	Apparatus error	
	Measurement error	
	Panic value	
	...	
...		

52a







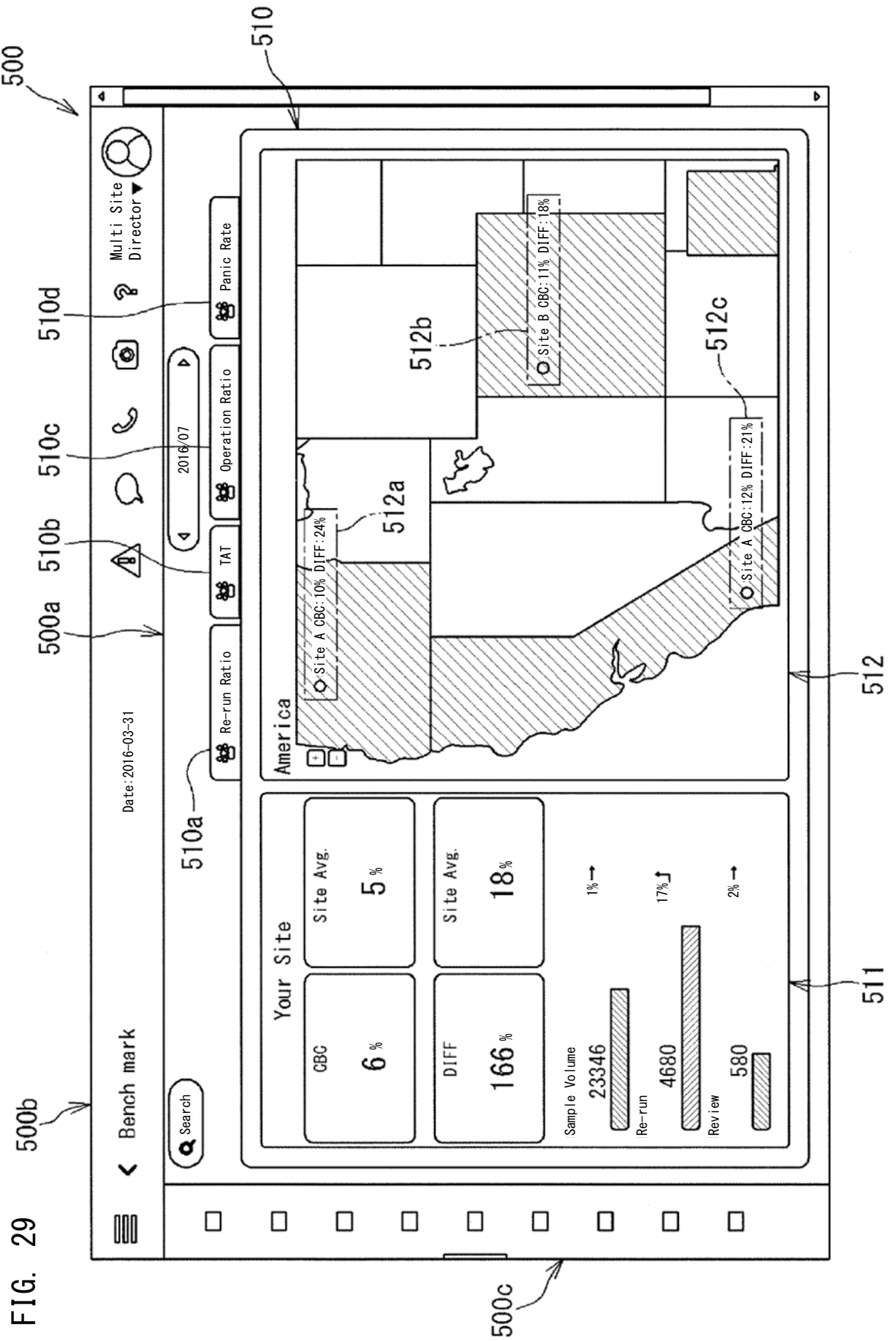


FIG. 30

54a



User	Disclosure to third party permitted ?
User ID: a001	Yes
User ID: a003	No
User ID: b001	Yes
...	

FIG. 31

54a

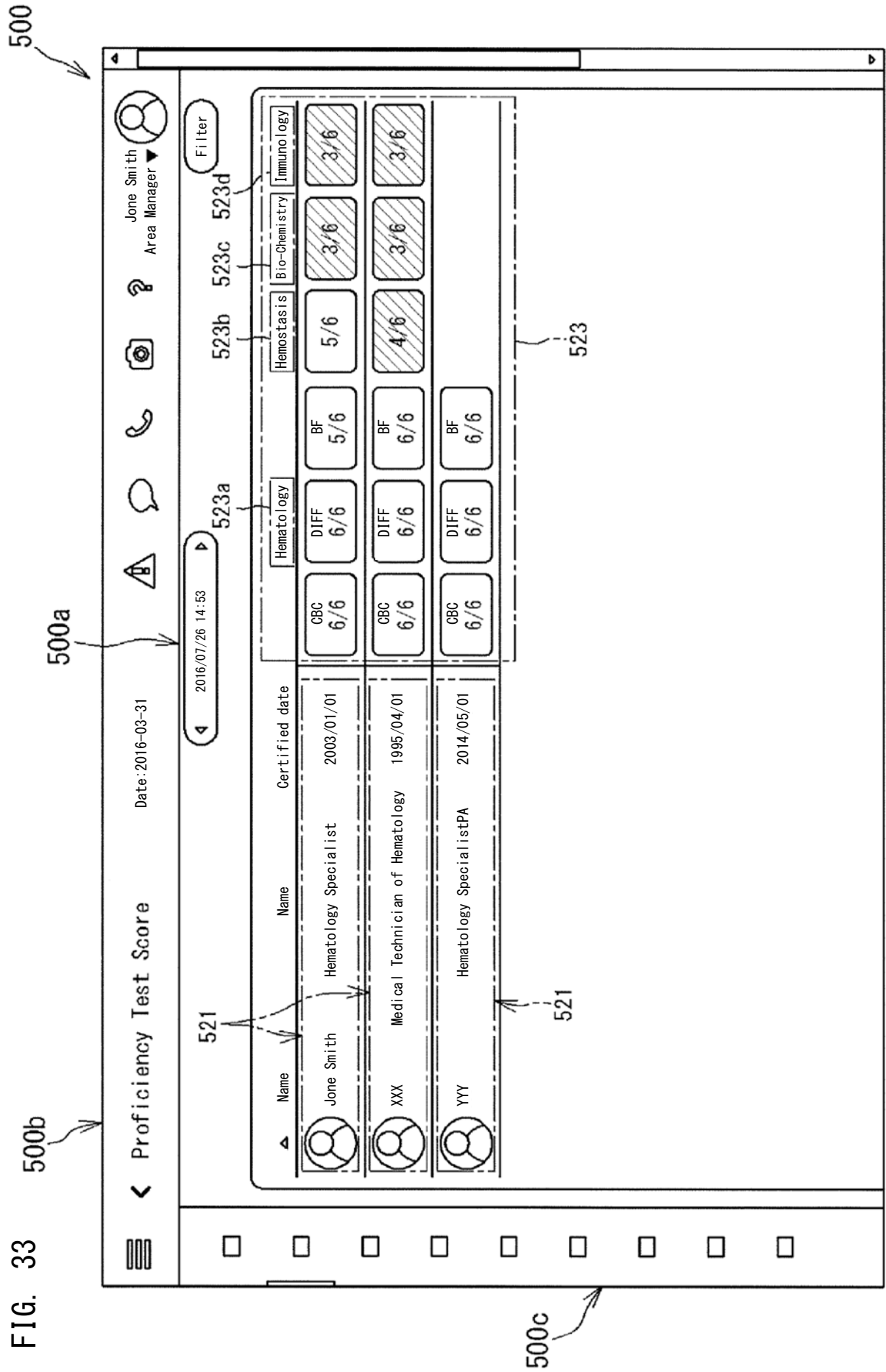


User	Disclosure to third party permitted ?	Condition
User ID: a001	Yes	Anonymous
User ID: a003	No	Facility name may be disclosed
User ID: b001	Yes	Anonymous
...		

FIG. 32

54a
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User	User to whom disclosure is permitted
User ID: a001	User ID: a003
	User ID: a004
	User ID: b001
	...
User ID: a003	User ID: a001
	User ID: d001
	...
User ID: b001	User ID: a001
	User ID: e003
	...
	...



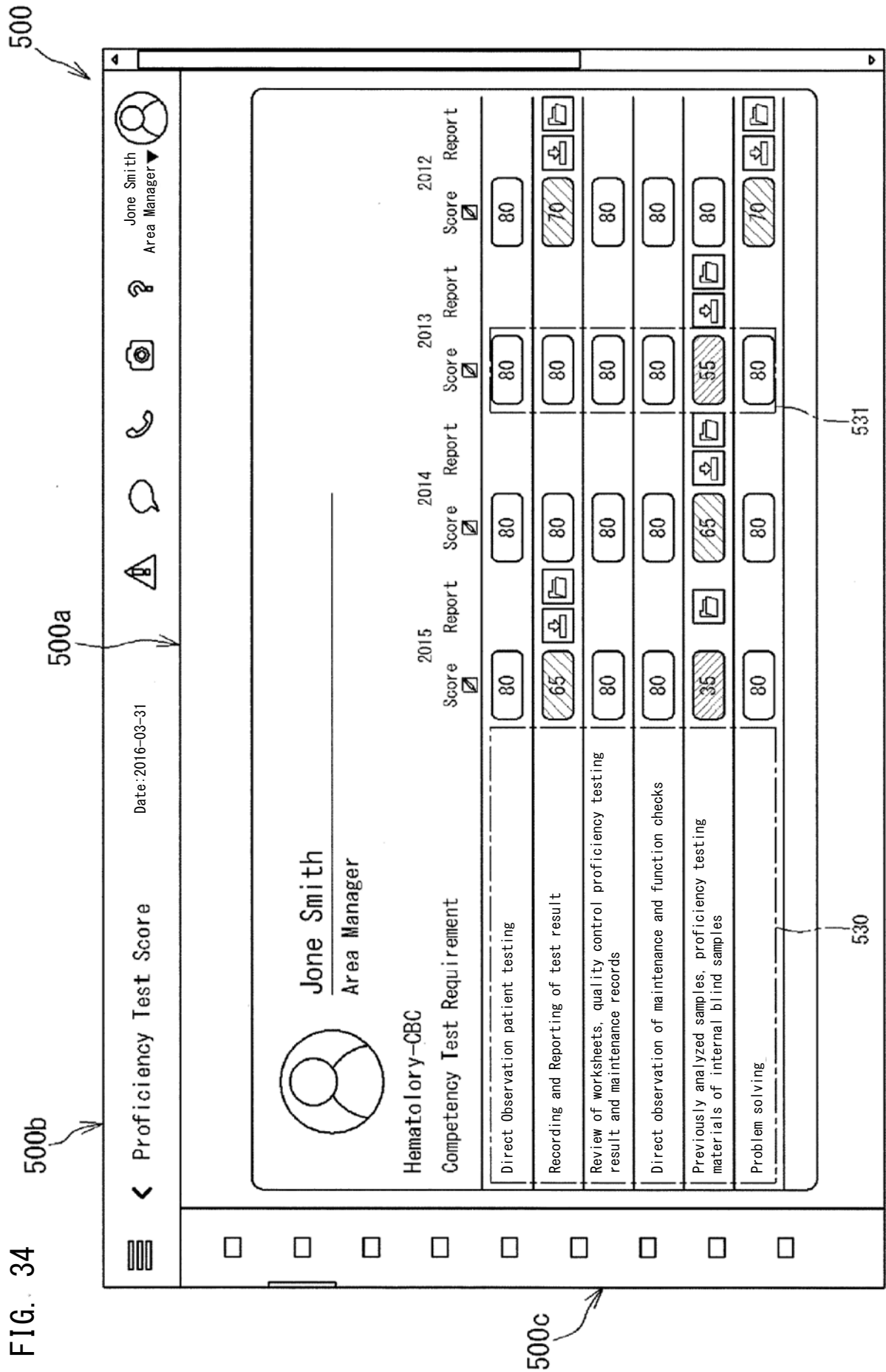


FIG. 35

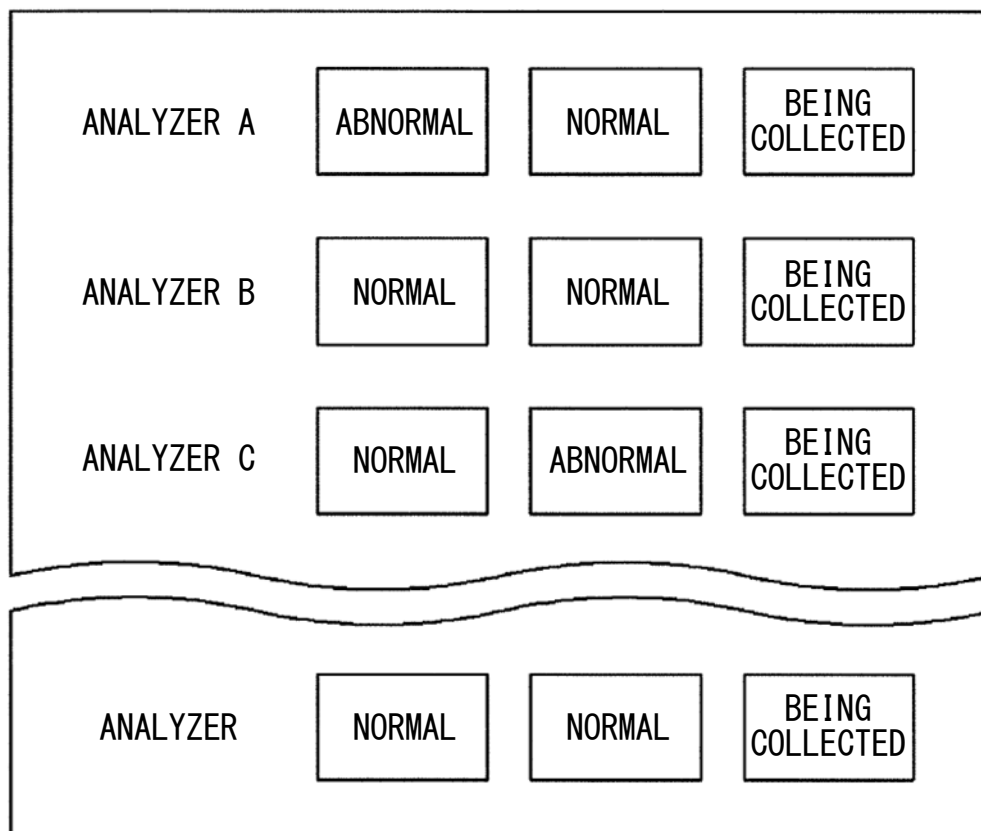


FIG. 36

FIELD	BIOCHEMISTRY		
UNPROCESSED SPECIMEN LIST			
	ANALYZER A	ANALYZER B	ANALYZER C
01-0501-00001 TARO OSAKI		FINISHED	
01-0501-00003 JIRO GOTANDA	NOT FINISHED		
01-0501-00007 SABURO MEGURO		NOT FINISHED	
01-0501-00011 SHIRO HARAJUKU		RETEST	