

FIG. 1

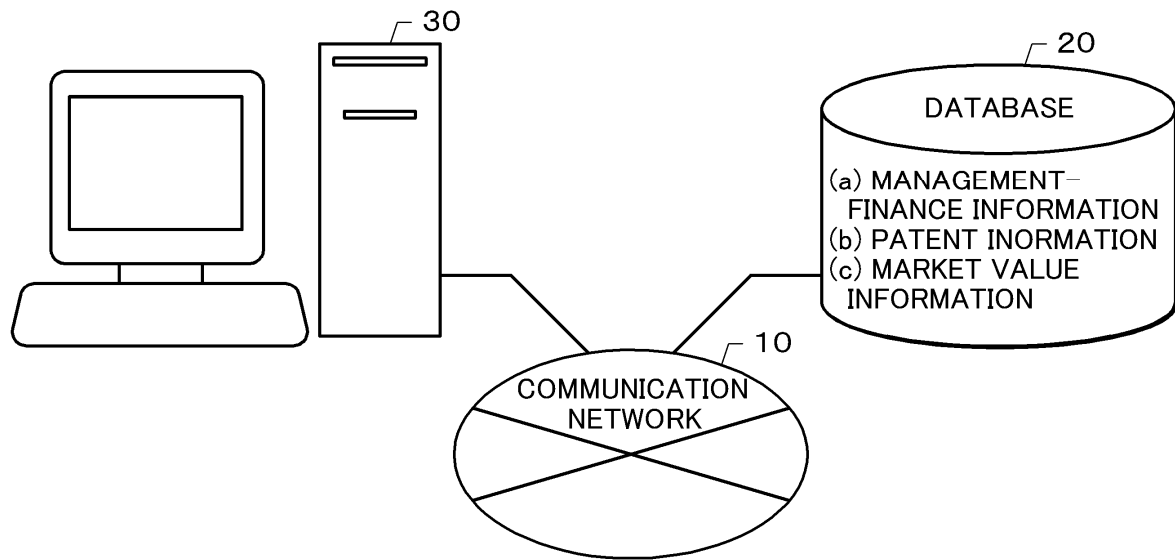


FIG. 2

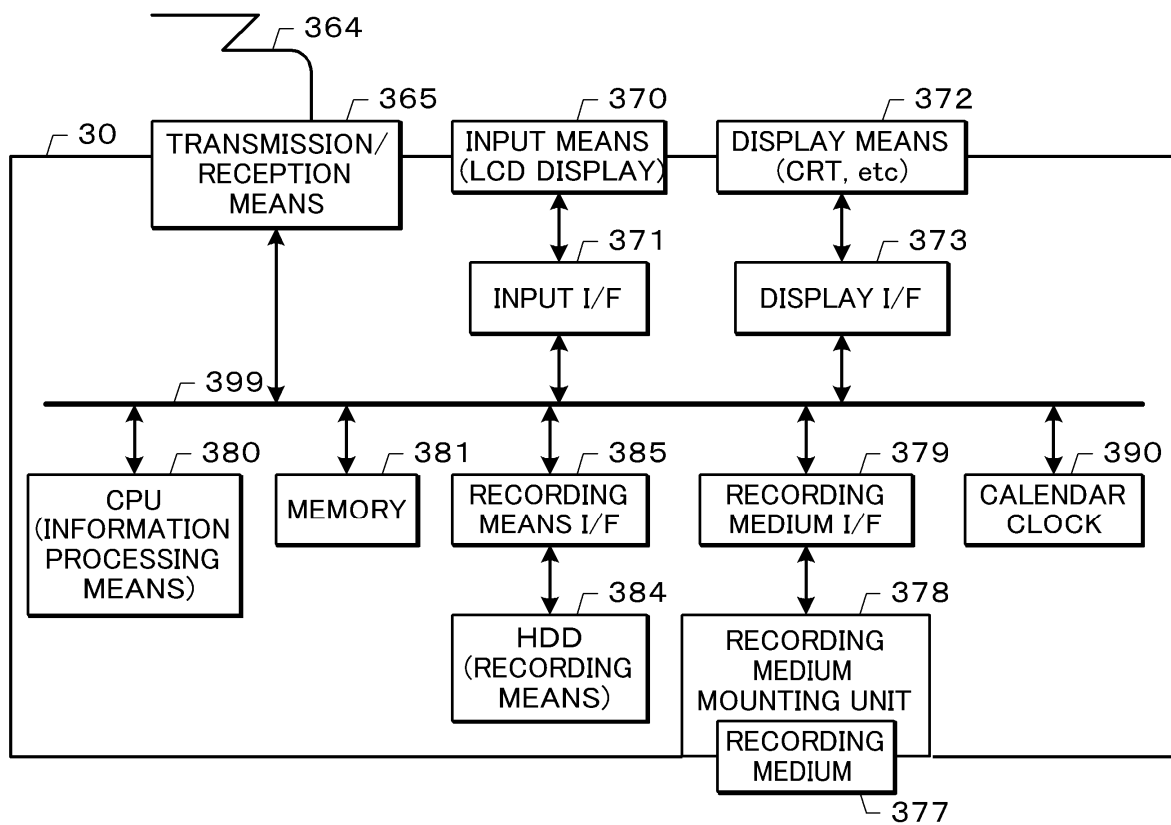


FIG. 3

(a) MANAGEMENT-FINANCE INFORMATION

(A) Information on Size of Company	(B) Financial Information of Company	(C) Combined Information of Company
Number of employees	Sales volume	Sales volume per employee
Number of officers	Sales profit	Research and development expenses per employee
Capital	Operating profit	Sales profit per employee
Number of plants/offices	Gross operating profit	Operating profit per employee
Ground floor area	Sales profit ratio	Gross operating profit per employee
Total floor area	Operating profit ratio	
Ownership ratio of premises	Gross operating profit ratio	
Ownership ratio of building	Total market value to total assets ratio	
Number of employees (consolidated basis)	Total market value to stockholders' equity ratio	
Number of officers (consolidated basis)	Total market value to sales volume ratio	
Capital (consolidated basis)	Total market value to gross operating profit ratio	
Number of plants/offices (consolidated basis)	Total market value to operating profit ratio	
Ground floor area (consolidated basis)	Gross operating profit to total assets ratio	
Total floor area (consolidated basis)	Gross operating profit to stockholders' equity ratio	
Ownership ratio of premises (consolidated basis)	Operating profit to total assets ratio	
Ownership ratio of building (consolidated basis)	Operating profit to Stockholders' equity ratio	
	Stockholders' equity ratio	
	Balance of total market value and stockholders' equity	
	Research and development expenses	
	Research and development expenses to sales volume ratio	
	Research and development expenses to operating profit ratio	
	Research and development expenses to gross operating profit ratio	

FIG. 4

(b) PATENT INFORMATION

(A) Application Related Matters	(B) Registration Related Matters
Number of filings	Number of registrations
Number of filings based on IPC	Number of registrations based on IPC
Number of filings based on keywords	Number of registrations based on keywords
Number of claims filed	Number of registered claims
Years spent on examination requests	Years required for registration
Number of inventors	Registration rate
Number of applicants (number of joint applications)	Years spent on examination
Number of domestic priority-claiming applications	Number of applications in which preferential examination is conducted
Number of domestic priority bases claimed in applications	Number of rejections issued
Number of priority bases from foreign countries	Number of amendments filed
Number of applications in which an exception to loss of novelty is requested	Number of amendments filed (for formalities)
Number of applications in which examination is requested before laid-open	Number of written oppositions filed
Number of divisional applications	Number of appeals and trials
Number of withdrawn/abandoned applications	Number of registrations for creating patent right
Number of filings (in each country)	Number of registrations for extending term of patent right
Number of inventors in applications (in each country)	Number of transferred patents
Number of applicants in applications (in each country)	Years of payment of patent fees
Number of priority-claiming applications (in each country)	Number of registrations (in each country)
Number of priority bases claimed in applications (in each country)	Years required for registration (in each country)
Number of divisional applications (in each country)	Years spent on examination (in each country)
	Number of rejections issued (in each country)
	Number of amendments filed (in each country)
	Number of amendments filed (for formalities) (in each country)
	Number of written oppositions filed (in each country)

FIG. 5

(A) RANK OF STOCK PRICE

Rank of Stock Price	Stock Price Average (Converted at ¥50/share) of Unit Term (e.g., 1 Year)
10	¥20,000 or more
9	¥10,000 or more to less than ¥20,000
8	¥6,000 or more to less than ¥10,000
7	¥3,000 or more to less than ¥6,000
6	¥1,500 or more to less than ¥3,000
5	¥800 or more to less than ¥1,500
4	¥400 or more to less than ¥800
3	¥200 or more to less than ¥400
2	¥100 or more to less than ¥200
1	¥50 or more to less than ¥100
0	less than ¥50

FIG. 6

(B) RANK OF BRAND VALUE

Rank of Brand Value	Representation of Brand Value
9	Extremely Favorable Impression
8	Very Favorable Impression
7	Favorable Impression
6	Somewhat Favorable Impression
5	Normal
4	Somewhat Poor Impression
3	Poor Impression
2	Very Poor Impression
1	Extremely Poor Impression

FIG. 7

(Rank of Financial Assets)	(Financial Assets to Equity Capital Ratio)
9	2.0 or more
8	1.5 or more, less than 2.0
7	1.0 or more, less than 1.5
6	0.5 or more, less than 1.0
5	0.0 or more, less than 0.5
4	-0.5 or more, less than 0.0
3	-1.0 or more, less than -0.5
2	-2.0 or more, less than -1.0
1	Less than -2.0

FIG. 8

(Rank of Asset-Impairment Accounting)	(Asset-Impairment Accounting to Equity Capital Ratio)
9	2.0 or more
8	1.5 or more, less than 2.0
7	1.0 or more, less than 1.5
6	0.5 or more, less than 1.0
5	0.0 or more, less than 0.5
4	-0.5 or more, less than 0.0
3	-1.0 or more, less than -0.5
2	-2.0 or more, less than -1.0
1	Less than -2.0

FIG. 9

(Rank of Market Value Claims)	(Market Value Claims to Equity Capital Ratio)
9	2.0 or more
8	1.5 or more, less than 2.0
7	1.0 or more, less than 1.5
6	0.5 or more, less than 1.0
5	0.0 or more, less than 0.5
4	-0.5 or more, less than 0.0
3	-1.0 or more, less than -0.5
2	-2.0 or more, less than -1.0
1	Less than -2.0

FIG. 10

(Evaluation of Number of Employees)	(Sales Volume)/(Number of Employees) Unit: ¥10,000,000/person
9	3.0 or more
8	2.0 or more, less than 3.0
7	1.5 or more, less than 2.0
6	1.2 or more, less than 1.5
5	1.0 or more, less than 1.2
4	0.8 or more, less than 1.0
3	0.5 or more, less than 0.8
2	0.2 or more, less than 0.5
1	Less than 0.2

FIG. 11

(Ability of Human Resources) (Motivation of Human Resources) (Leadership of Top Management) (Reliability)	(Representation of Each Evaluation)
9	Extremely Favorable Impression
8	Very Favorable Impression
7	Favorable Impression
6	Somewhat Favorable Impression
5	Normal
4	Somewhat Poor Impression
3	Poor Impression
2	Very Poor Impression
1	Extremely Poor Impression

FIG. 12

(Evaluation of Product/Service Capital) (Evaluation of Business Process Capital) (Evaluation of Knowledge Technology Capital) (Evaluation of Organizational Culture Capital) (Evaluation of Organizational Personnel System Capital) (Evaluation of Other Organizational Capital)	(Representation of Each Evaluation)
9	Extremely Favorable Impression
8	Very Favorable Impression
7	Favorable Impression
6	Somewhat Favorable Impression
5	Normal
4	Somewhat Poor Impression
3	Poor Impression
2	Very Poor Impression
1	Extremely Poor Impression

FIG. 13

(Customer Capital) (Business Partner Capital) (Other Related Capital)	(Representation of Each Evaluation)
9	Extremely Favorable Impression
8	Very Favorable Impression
7	Favorable Impression
6	Somewhat Favorable Impression
5	Normal
4	Somewhat Poor Impression
3	Poor Impression
2	Very Poor Impression
1	Extremely Poor Impression

FIG. 14

(a) SPREAD OF MANAGEMENT-FINANCE INFORMATION

(A) Information on Size of Company	(B) Financial Information of Company	(C) Combined Information of Company
Transition of number of employees	Transition of sales volume	Transition of sales volume per employee
Transition of number of officers	Transition of sales profit	Transition of research and development expenses per employee
Transition of capital	Transition of operating profit	Transition of sales profit per employee
Transition of number of plants/offices	Transition of gross operating profit	Transition of operating profit per employee
Transition of ground floor area	Transition of sales profit ratio	Transition of gross operating profit per employee
Transition of total floor area	Transition of operating profit ratio	
Transition of ownership ratio of premises	Transition of gross operating profit ratio	
Transition of ownership ratio of building	Transition of total market value to total assets ratio	
Transition of number of employees (consolidated basis)	Transition of total market value to stockholders' equity ratio	
Transition of number of officers (consolidated basis)	Transition of total market value to sales volume ratio	
Transition of capital (consolidated basis)	Transition of total market value to gross operating profit ratio	
Transition of number of plants/offices (consolidated basis)	Transition of total market value to operating profit ratio	
Transition of ground floor area (consolidated basis)	Transition of gross operating profit to total assets ratio	
Transition of total floor area (consolidated basis)	Transition of gross operating profit to stockholders' equity ratio	
Transition of ownership ratio of premises (consolidated basis)	Transition of operating profit to total assets ratio	
Transition of ownership ratio of building (consolidated basis)	Transition of operating profit to stockholders' equity ratio	
	Transition of stockholders' equity ratio	
	Transition of balance of total, market value and stockholders' equity	
	Transition of research and development expenses	
	Transition of research and development expenses to sales volume ratio	
	Transition of research and development expenses to operating profit ratio	
	Transition of research and development expenses to gross operating profit ratio	

FIG. 15

(b) SPREAD OF PATENT INFORMATION

(A) Application Related Matters	(B) Registration Related Matters
Transition of Number of filings	Transition of number of registrations
Transition of number of filings based on IPC	Transition of number of registrations based on IPC
Transition of number of filings based on keywords	Transition of number of registrations based on keywords
Transition of number of claims filed	Transition of number of registered claims
Transition of years spent on examination requests	Transition of years required for registration
Transition of number of inventors	Transition of registration rate
Transition of number of applicants (number of joint applications)	Transition of years spent on examination
Transition of number of domestic priority-claiming applications	Transition of number of applications in which preferential examination is conducted
Transition of number of domestic priority bases claimed in applications	Transition of number of rejections issued
Transition of number of priority bases from foreign countries	Transition of number of amendments filed
Transition of number of applications in which an exception to loss of novelty is requested	Transition of number of amendments filed (for formalities)
Transition of number of applications in which examination is requested before laid-open	Transition of number of written oppositions filed
Transition of number of divisional applications	Transition of number of appeals and trials
Transition of number of withdrawn/abandoned applications	Transition of number of registrations for creating patent right
Transition of number of filings (in each country)	Transition of number of registrations for extending term of patent right
Transition of number of inventors in applications (in each country)	Transition of number of transferred patents
Transition of number of applicants in applications (in each country)	Transition of years of payment of patent fees
Transition of number of priority-claiming applications (in each country)	Transition of number of registrations (in each country)
Transition of number of priority bases claimed in applications (in each country)	Transition of years required for registration (in each country)
Transition of number of divisional applications (in each country)	Transition of years spent on examination (in each country)
	Transition of number of rejections issued (in each country)
	Transition of number of amendments filed (in each country)
	Transition of number of amendments filed (for formalities) (in each country)
	Transition of number of written oppositions filed (in each country)

FIG. 16

(c) SPREAD OF MARKET VALUE INFORMATION

(A) Transition of Rank of Stock Price
(B) Transition of Rank of Brand Value
(C) Transition of Rank of Hidden Assets

FIG. 17

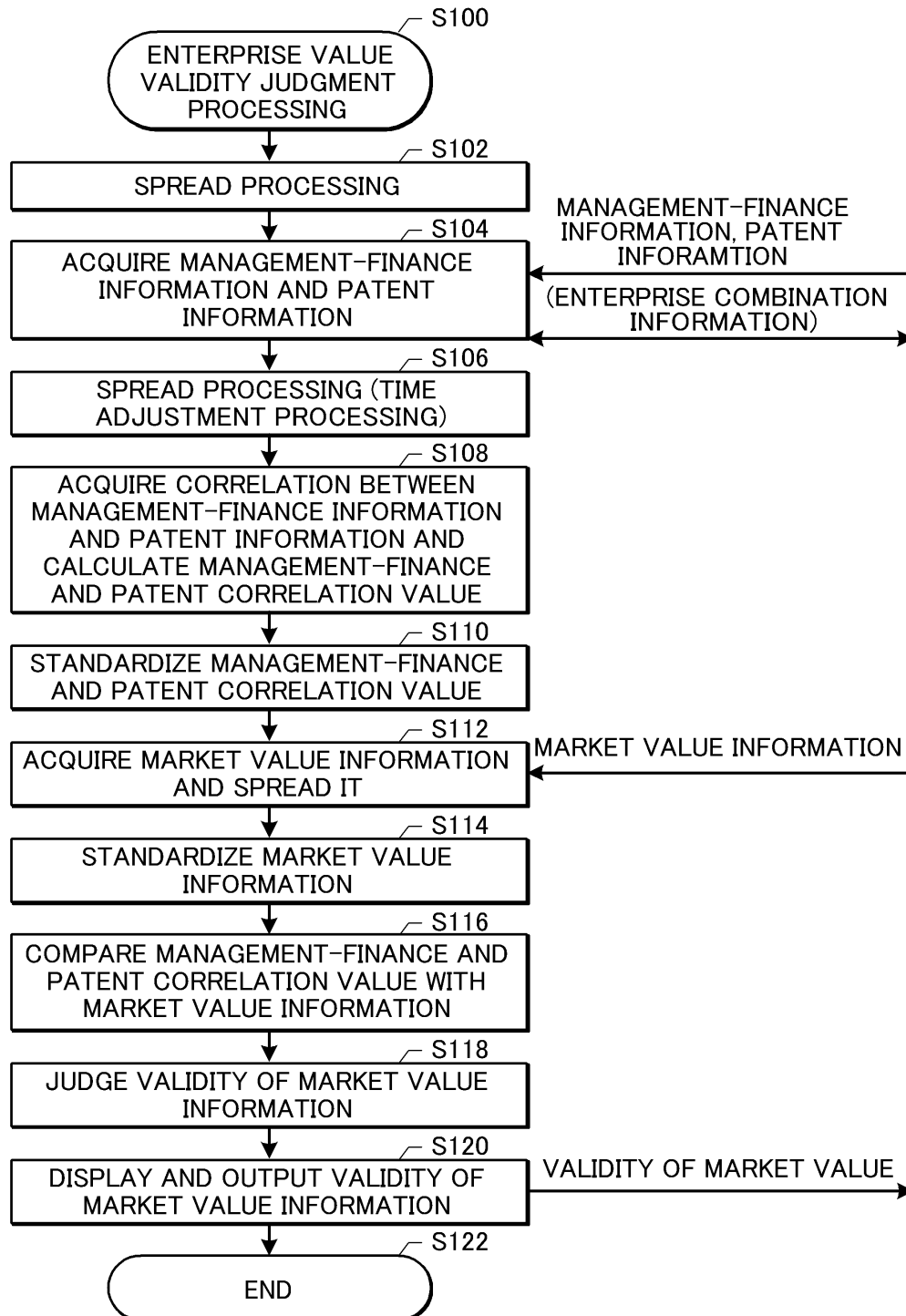


FIG. 18

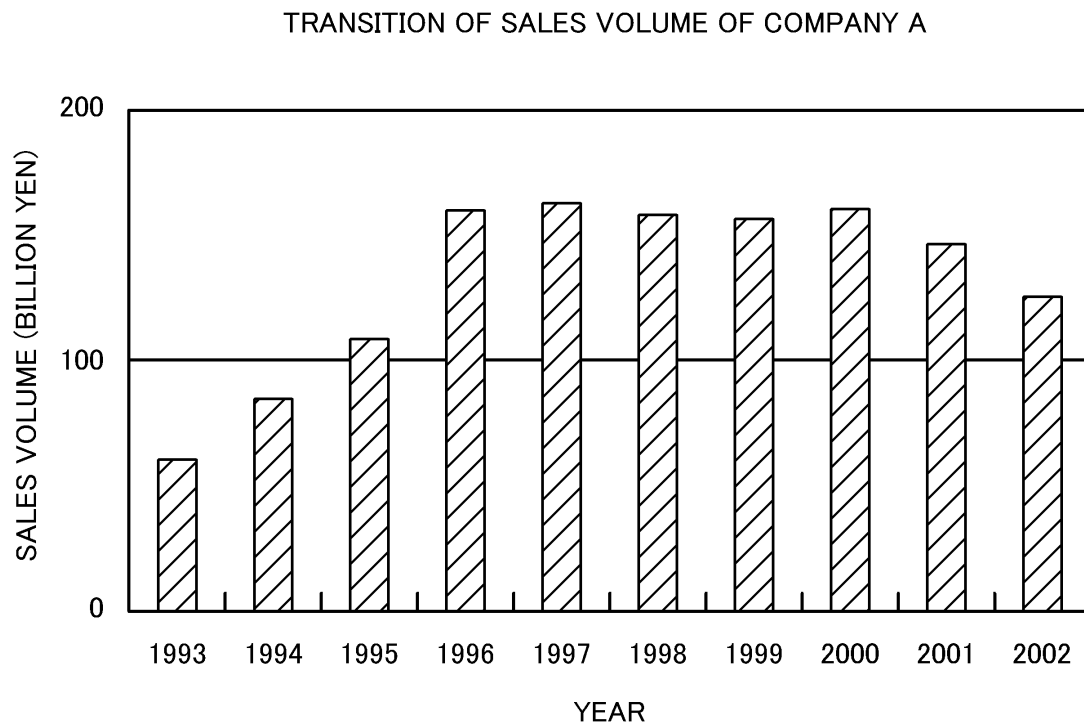


FIG. 19

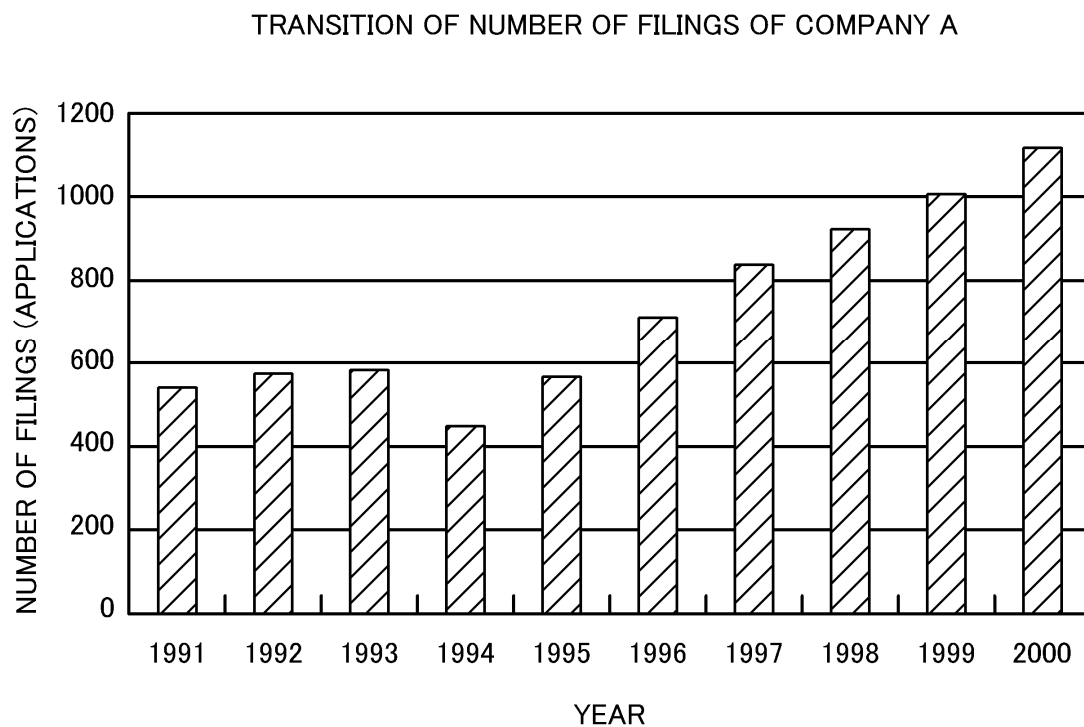


FIG. 20

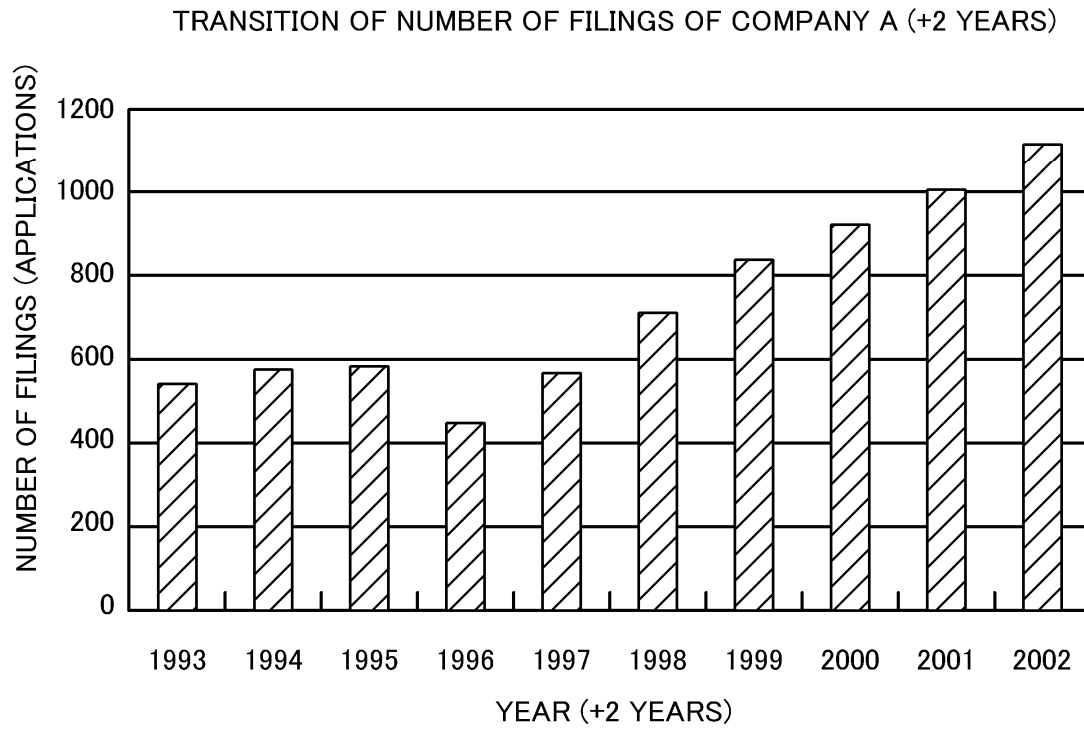


FIG. 21

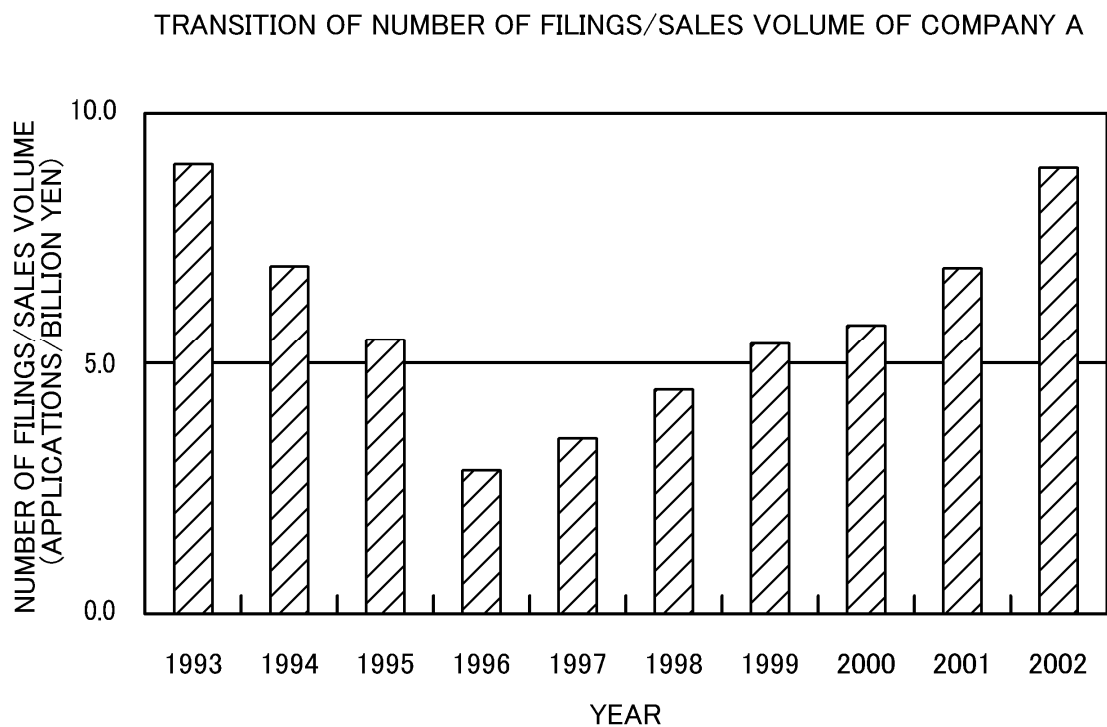


FIG. 22

TRANSITION OF NUMBER OF FILINGS/SALES VOLUME OF COMPANY A
(AVERAGE, STANDARD DEVIATION)

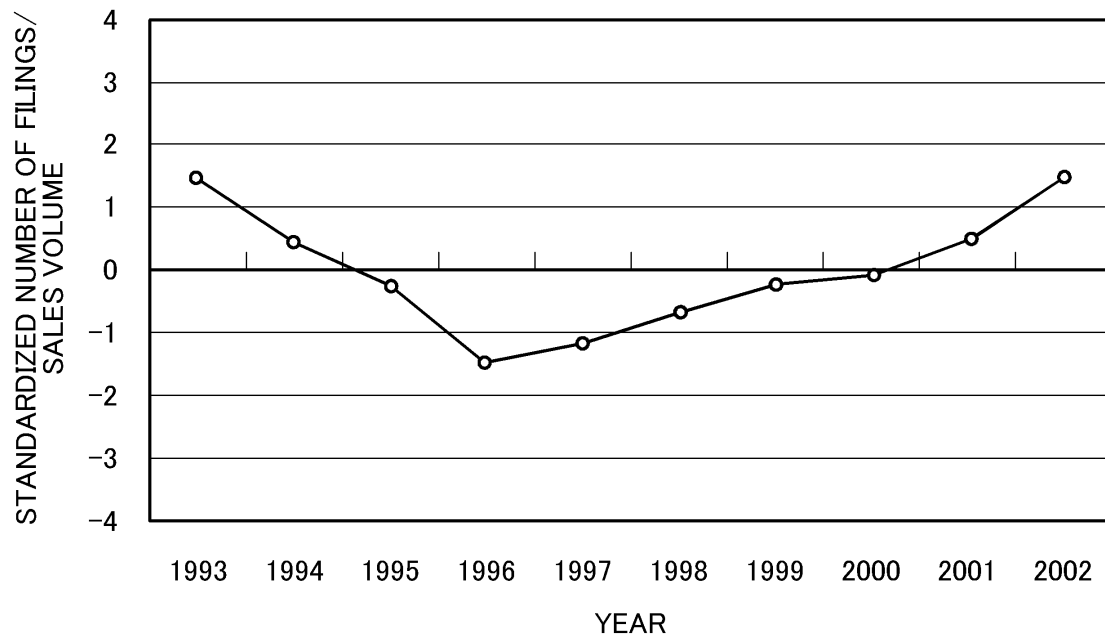


FIG. 23

TRANSITION OF NUMBER OF FILINGS/SALES VOLUME OF COMPANY A
($\pm 1/2 \sigma$, $\pm \sigma$)

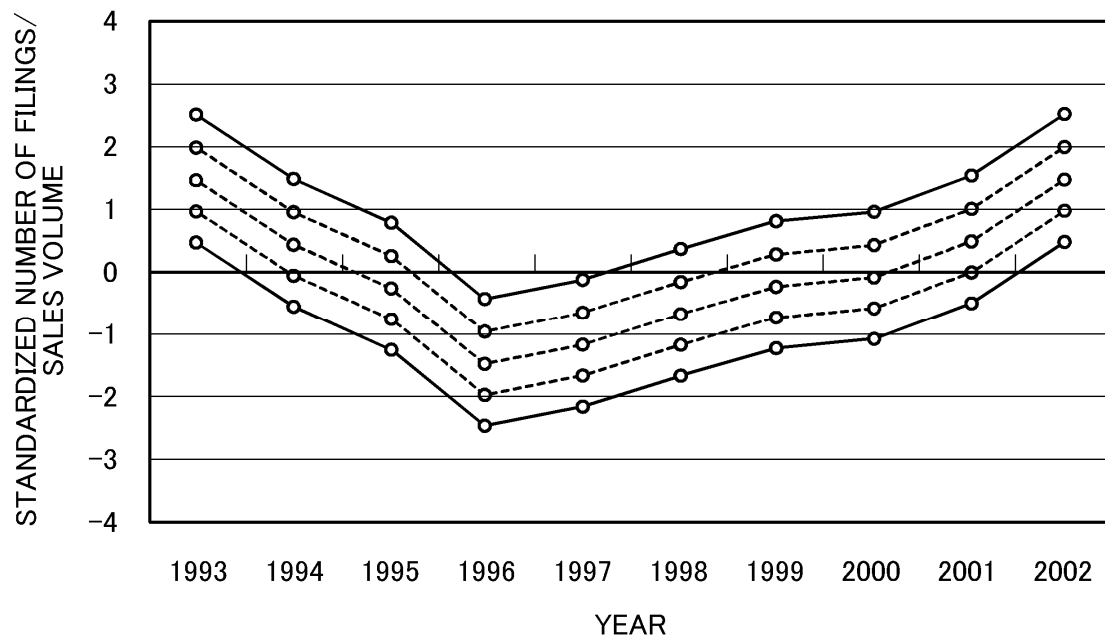


FIG. 24

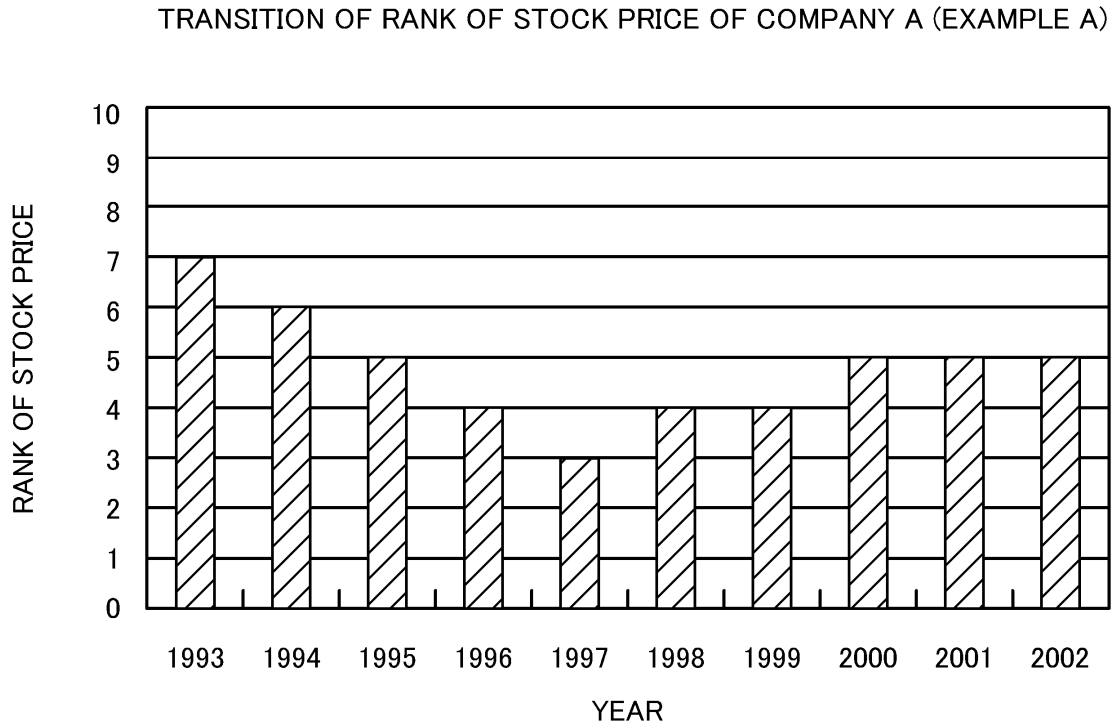


FIG. 25

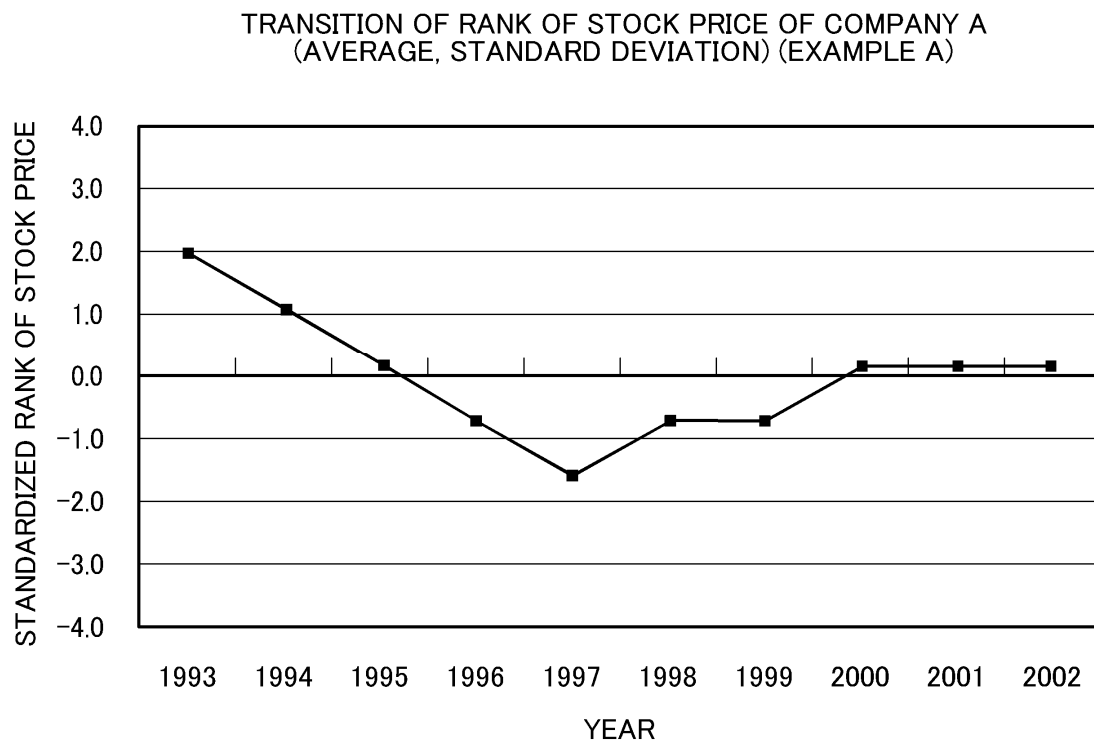


FIG. 26

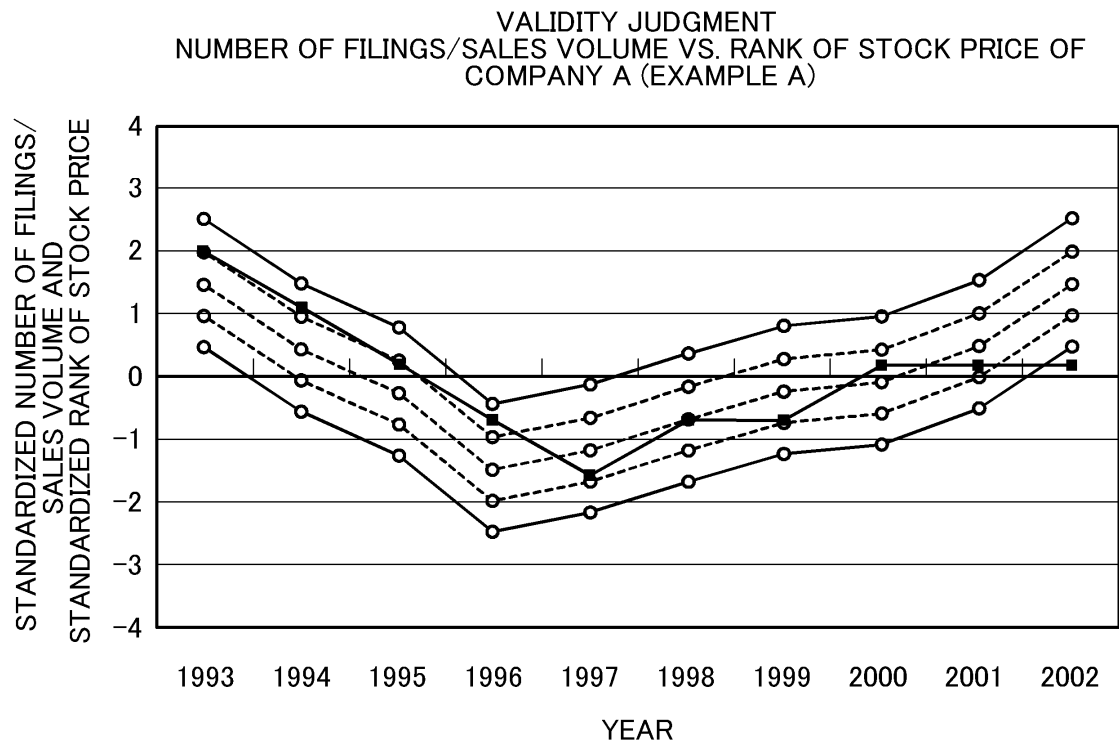


FIG. 27

SCOPE OF MANAGEMENT-FINANCE AND PATENT CORRELATION VALUE k (STANDARDIZED BY AVERAGE VALUE OF ALL DATA)	POSITION OF MARKET VALUE INFORMATION (STANDARDIZED BY AVERAGE VALUE OF ALL DATA)	OVERLAP SCORE
$+\sigma < k$	t	0
$+(1/2)\sigma < k \leq +\sigma$	t	0.5
$0 < k \leq +(1/2)\sigma$	t	1
$k = 0$	t	1
$-(1/2)\sigma \leq k < 0$	t	1
$-\sigma \leq k < -(1/2)\sigma$	t	0.5
$k < -\sigma$	t	0

FIG. 28

OVERLAP SCORE	EVALUATION RESULT OF VALIDITY
0.7 OR MORE UP TO 1.0	VALID
MORE THAN 0.3 TO LESS THAN 0.7	DIFFICULT TO SAY
0.3 OR LESS DOWN TO 0.0	NOT VALID

FIG. 29

SCORE OBTAINED BY MARKET VALUE INFORMATION CURVE	EVALUATION RESULT OF VALIDITY
0.7 OR MORE UP TO 1.0	VALID
MORE THAN 0.3 TO LESS THAN 0.7	DIFFICULT TO SAY
0.3 OR LESS DOWN TO 0.0	NOT VALID

FIG. 30

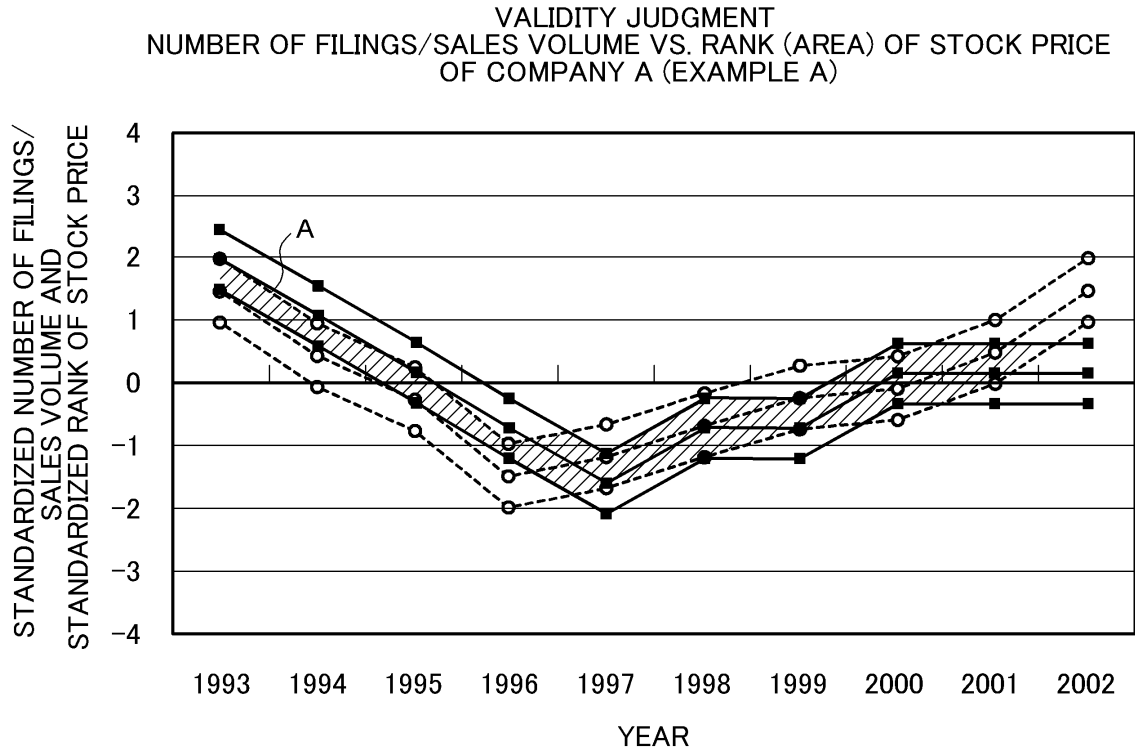


FIG. 31

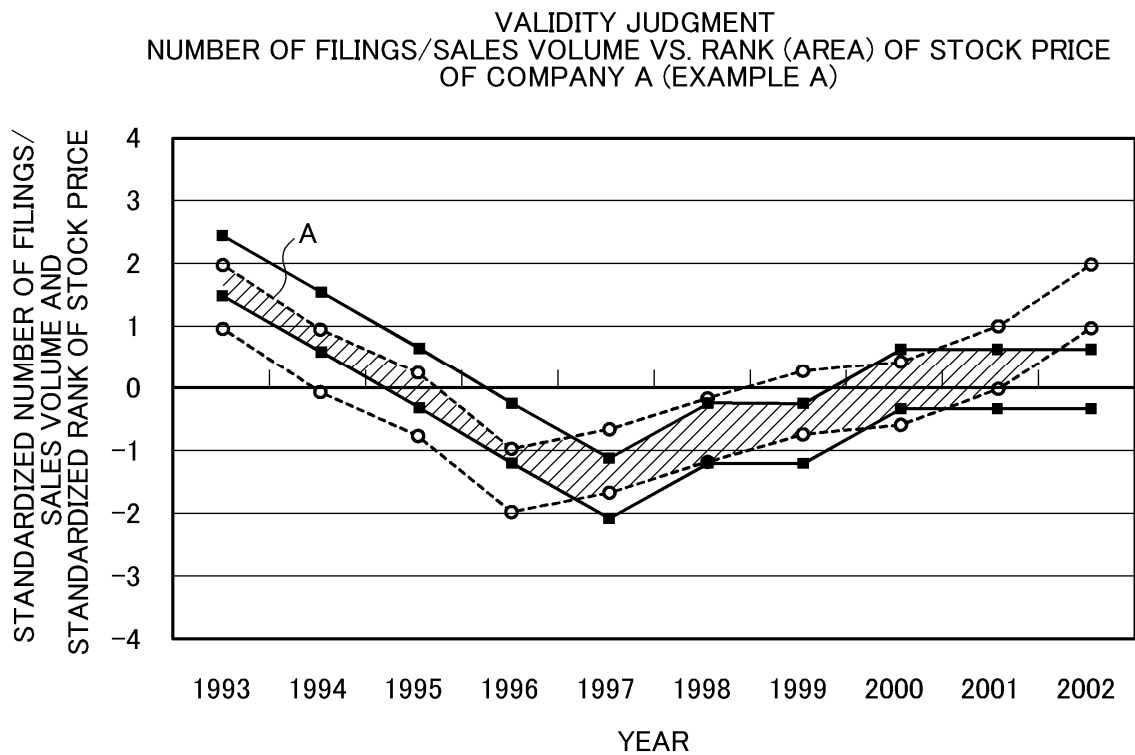


FIG. 32

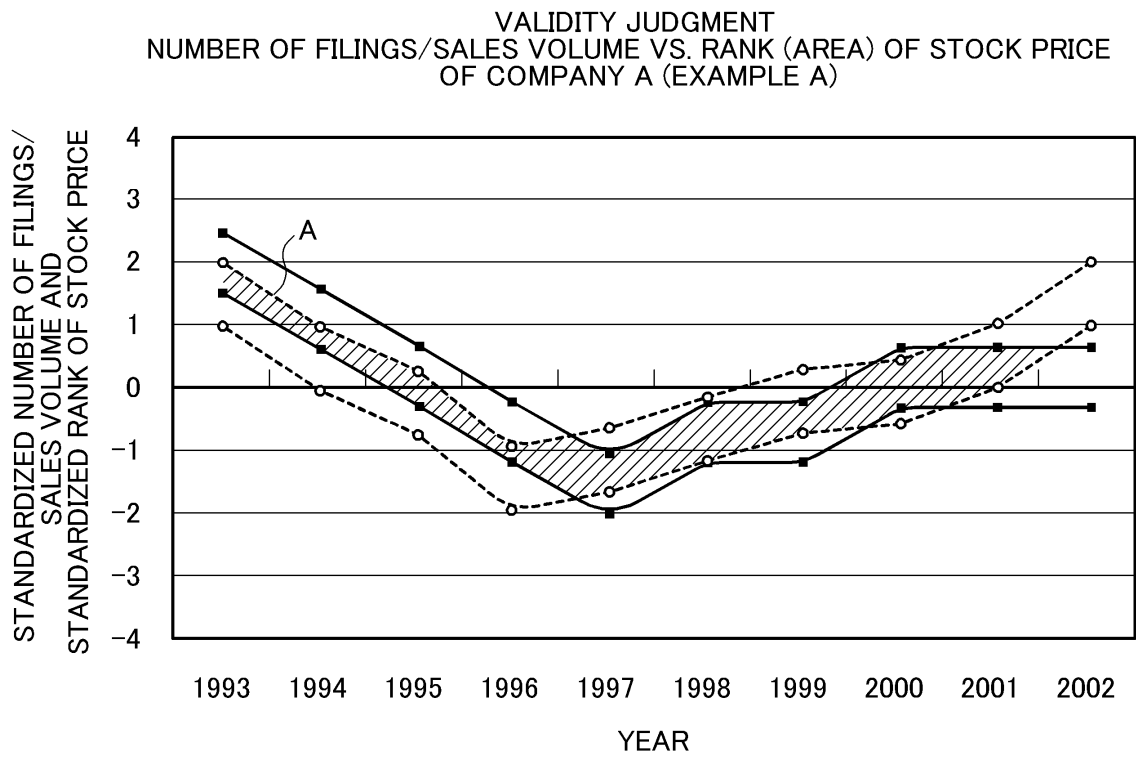


FIG. 33

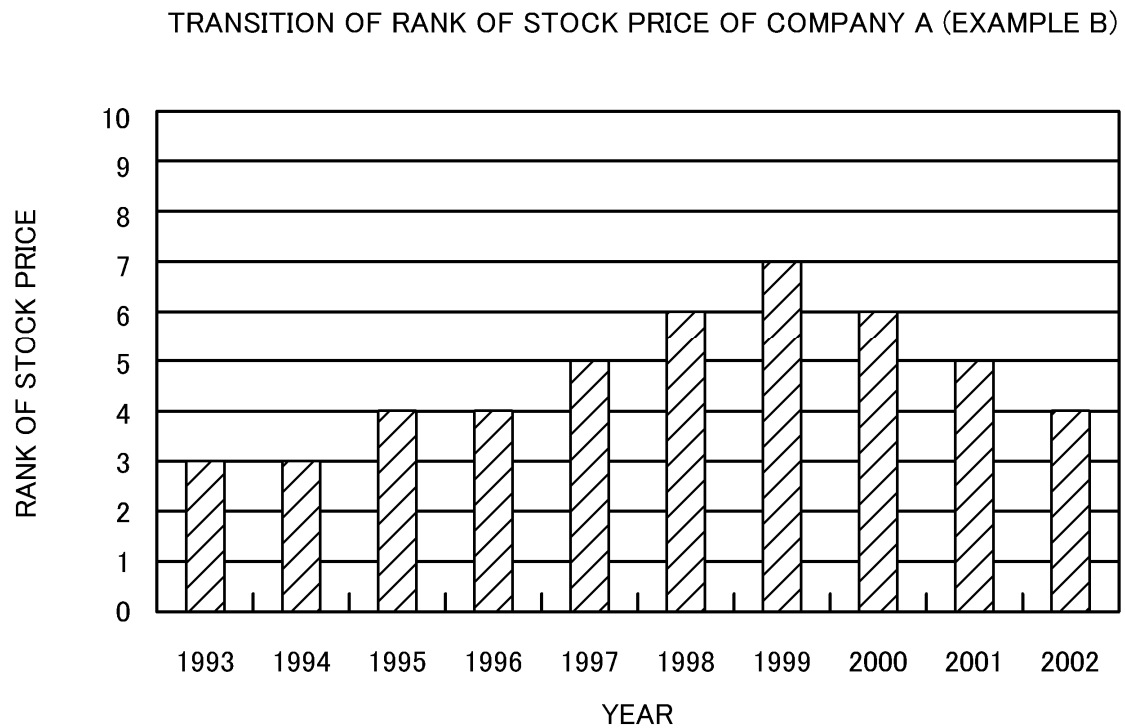


FIG. 34

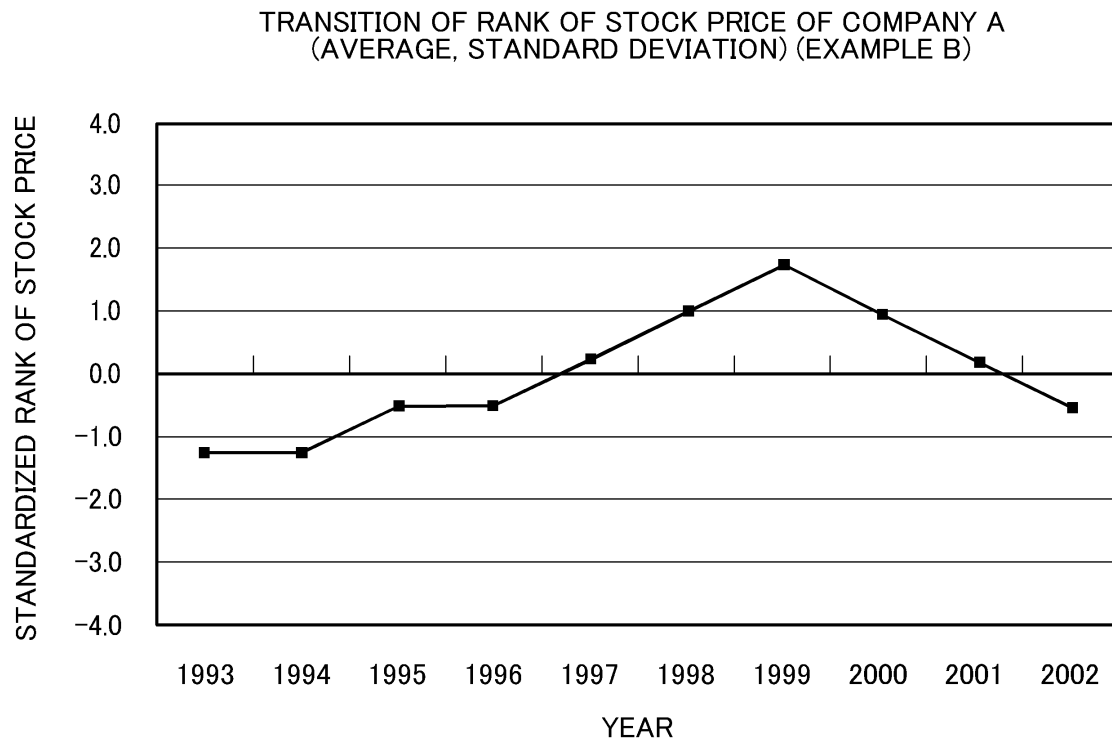


FIG. 35

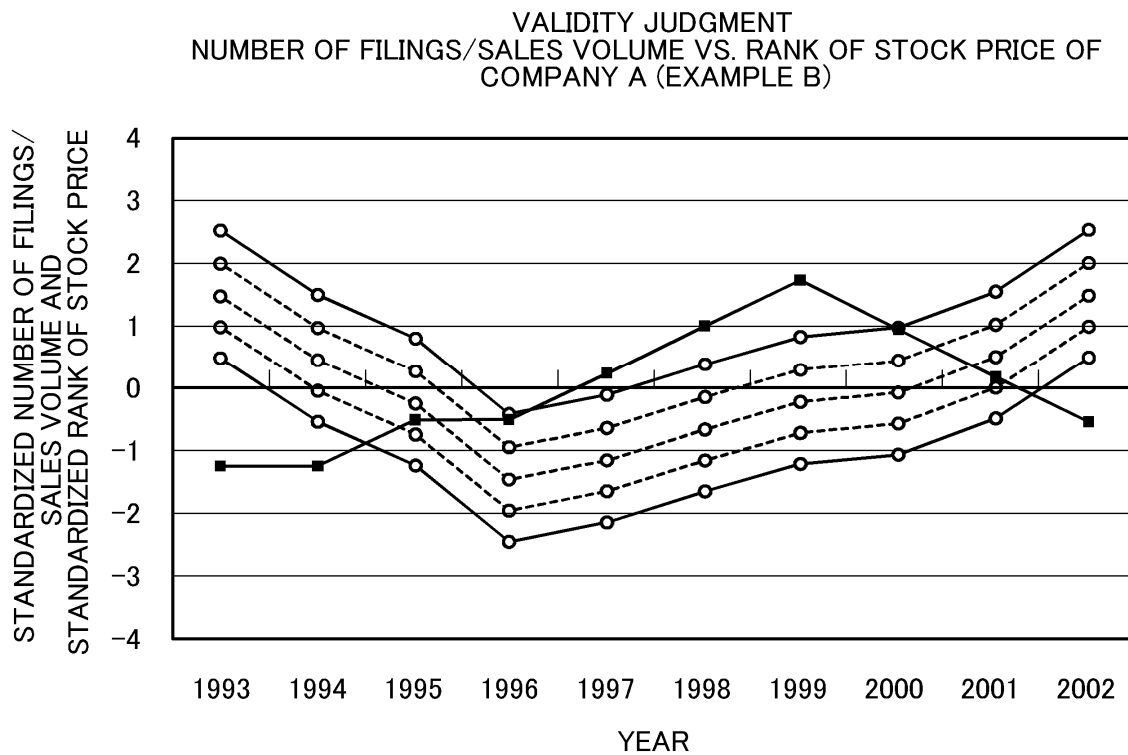


FIG. 36

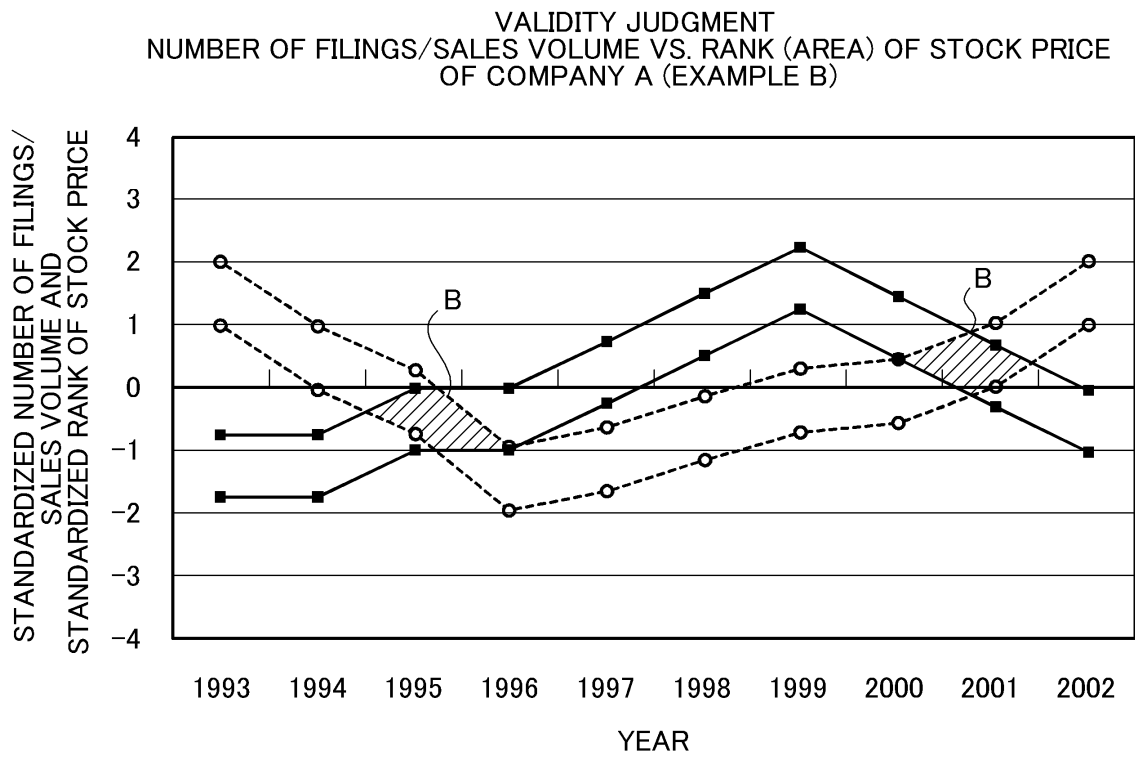


FIG. 37

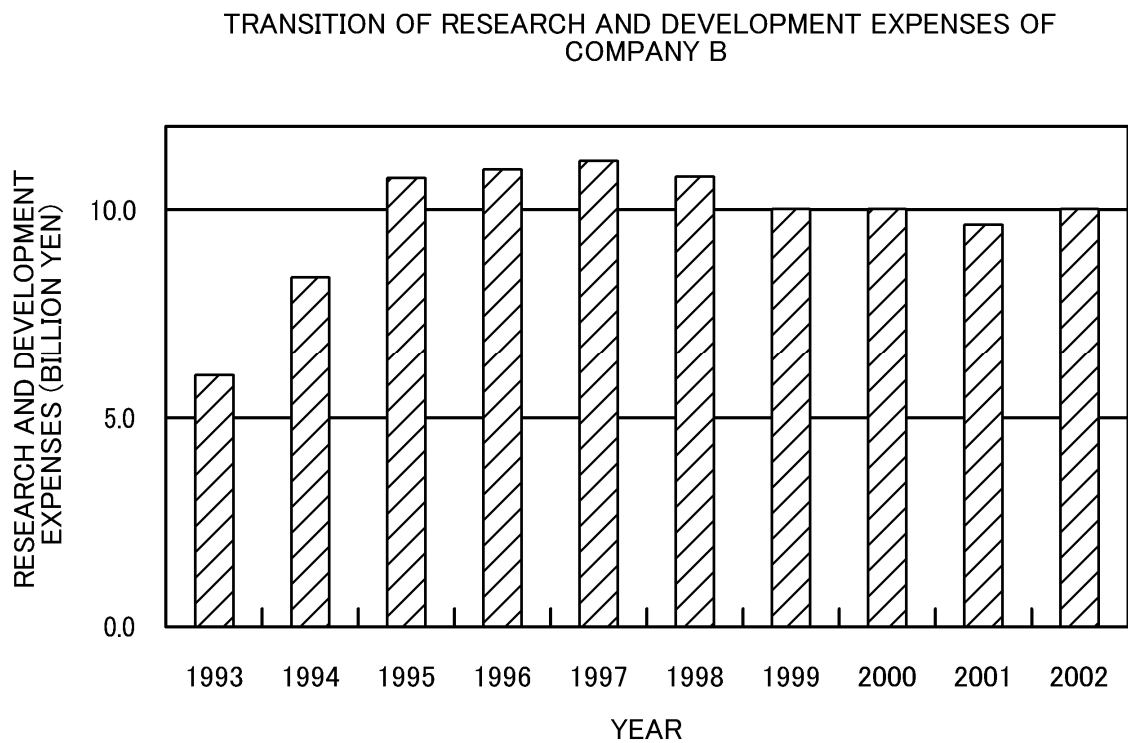


FIG. 38

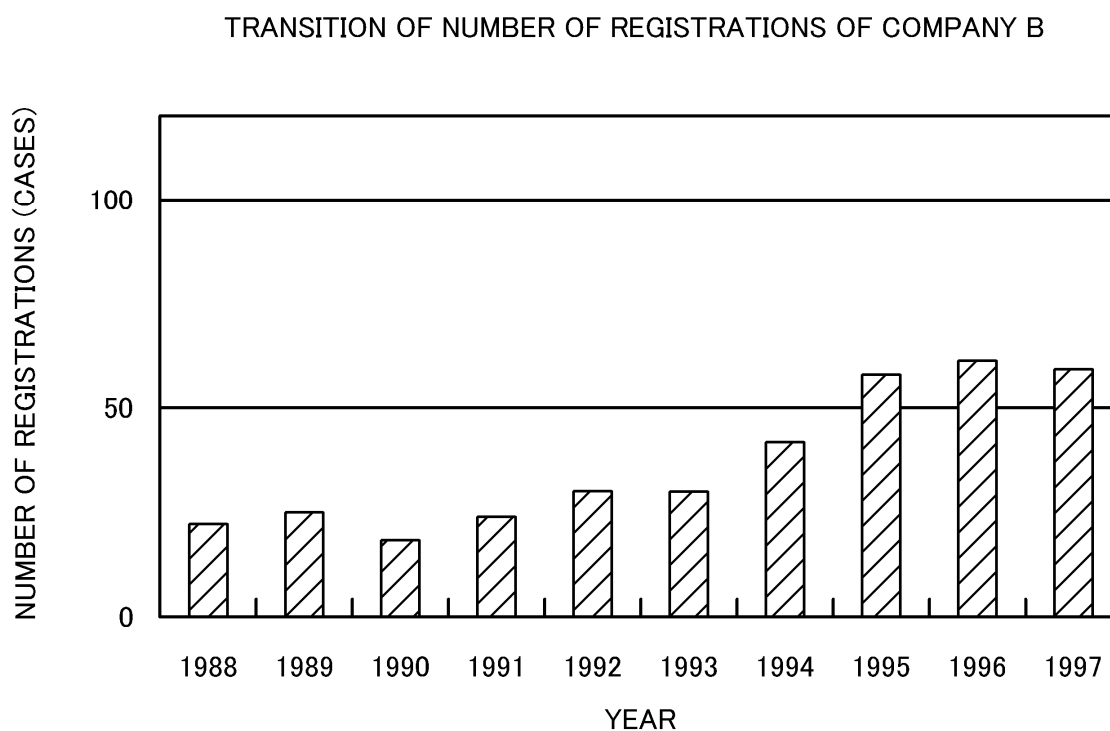


FIG. 39

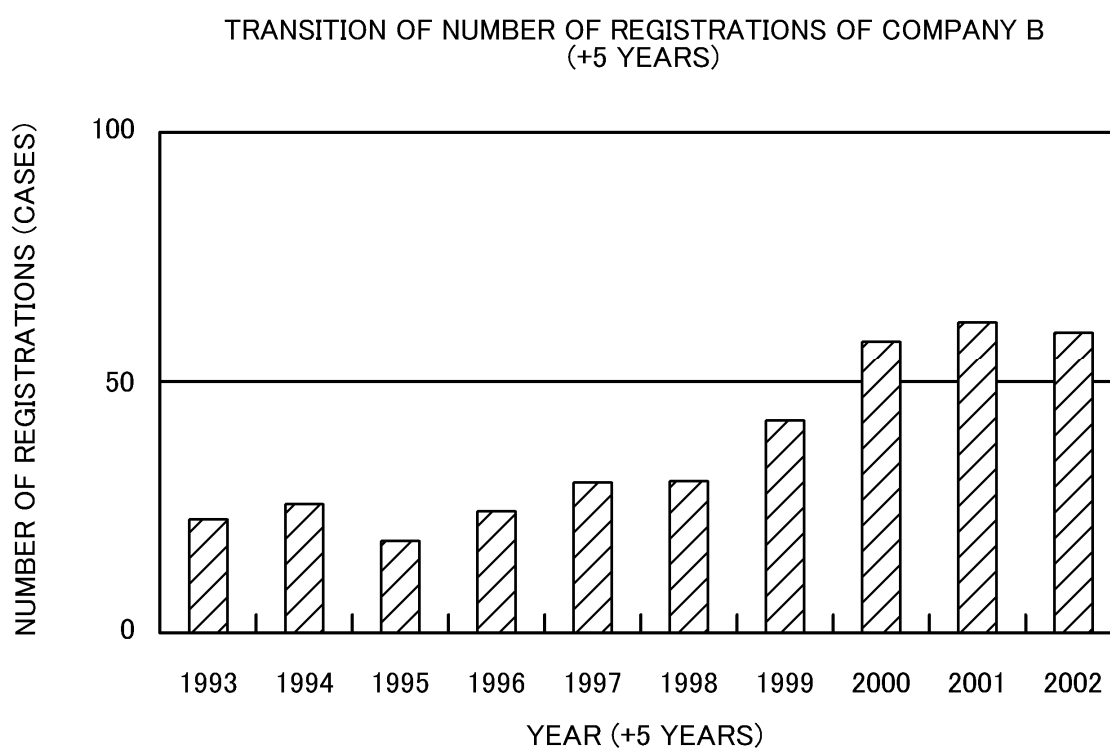


FIG. 40

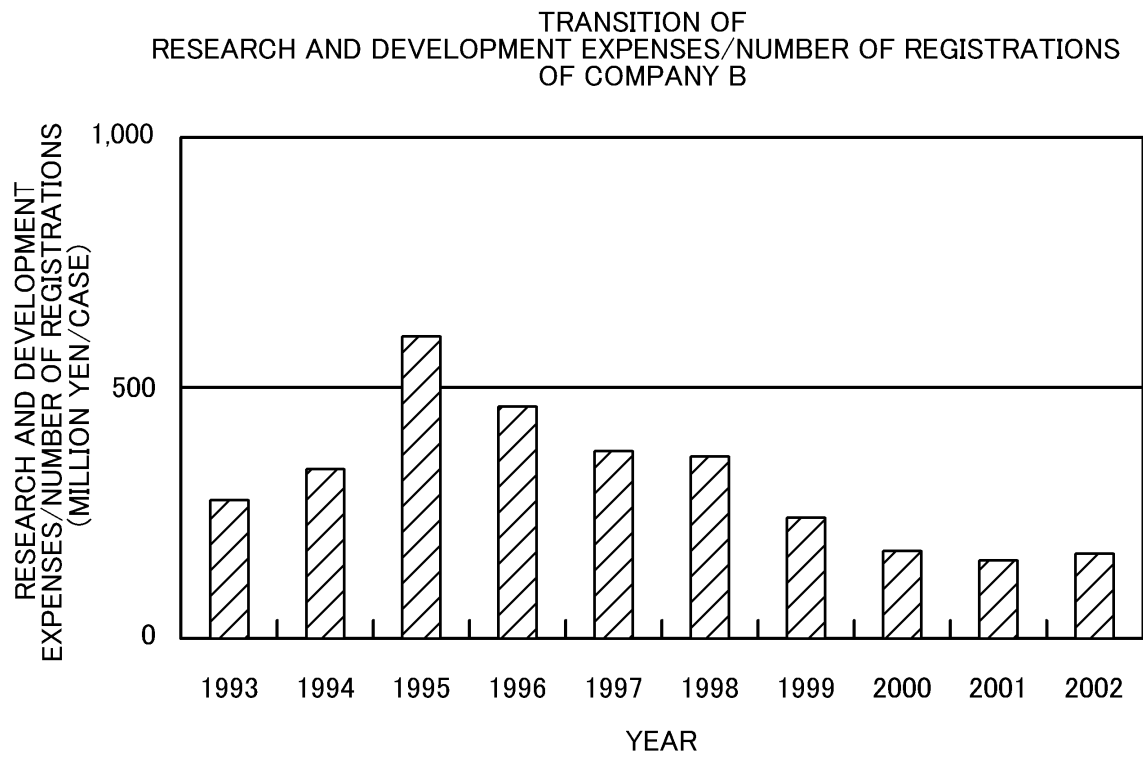


FIG. 41

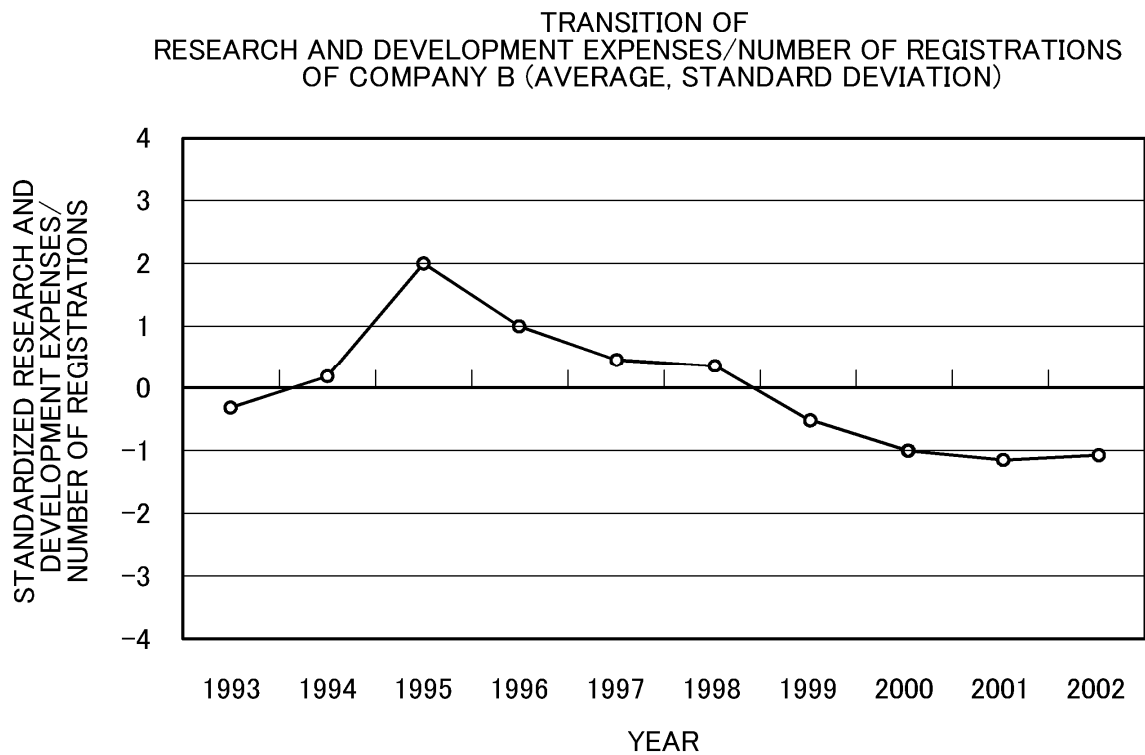


FIG. 42

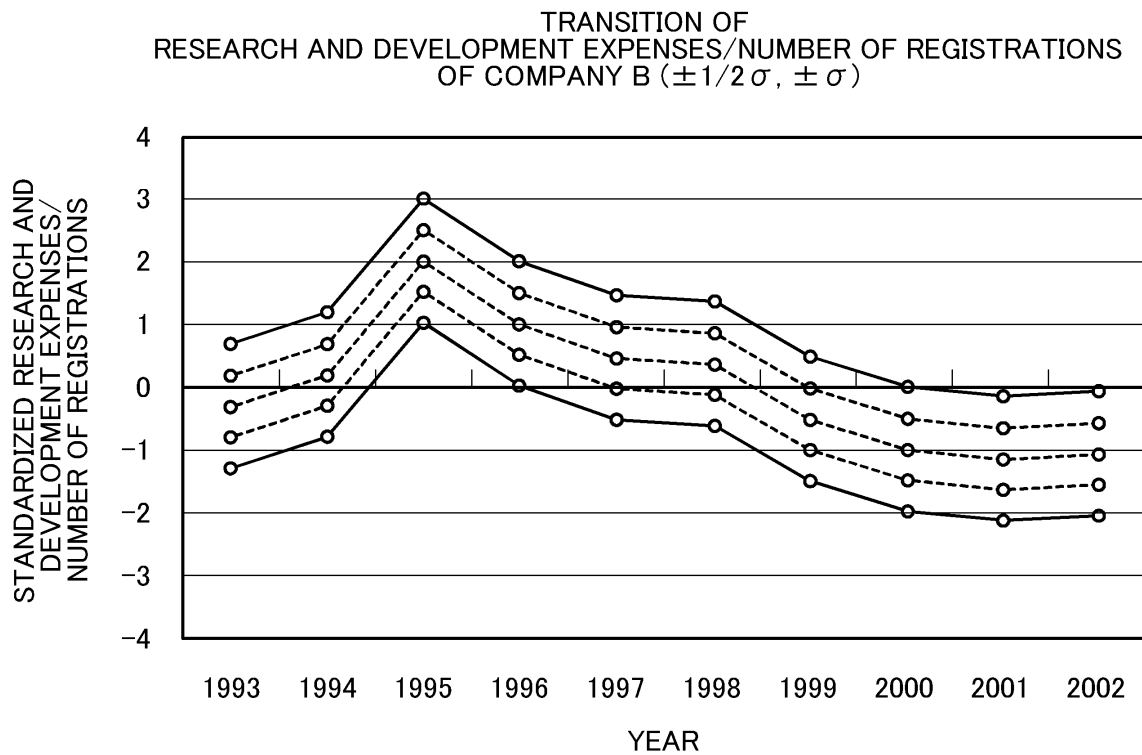


FIG. 43

RANK CALCULATION TABLE OF HUMAN CAPITAL

BREAKDOWN OF HUMAN CAPITAL	EVALUATION RANK	RANK STANDARD-IZATION (-5)	WEIGHT	WEIGHTED RANK
EVALUATION OF NUMBER OF EMPLOYEES	7	2	1	2
ABILITY OF HUMAN RESOURCES	7	2	2.5	5
MOTIVATION OF HUMAN RESOURCES	5	0	1	0
LEADERSHIP OF TOP MANAGEMENT	3	-2	2	-4
RELIABILITY	3	-2	1	-2
TOTAL			7.5	1
RANK (CALCULATION) OF HUMAN CAPITAL				0.133

FIG. 44

RANK CALCULATION TABLE OF HIDDEN ASSETS

BREAKDOWN OF HIDDEN ASSETS	EVALUATION RANK	RANK STANDARDIZATION (-5)	WEIGHT	WEIGHTED RANK
FINANCIAL ASSETS	7	2	3	6
ASSET-IMPAIRMENT ACCOUNTING	6	1	1	1
MARKET VALUE CLAIMS	4	-1	1	-1
HUMAN CAPITAL	5.133	0.133	2	0.266
ORGANIZATIONAL CAPITAL	8	3	1	3
RELATED CAPITAL	7	2	2.5	5
TOTAL			10.5	14.266
RANK (CALCULATION) OF HIDDEN ASSETS				1.359

FIG. 45

TRANSITION OF RANK OF HIDDEN ASSETS OF COMPANY B

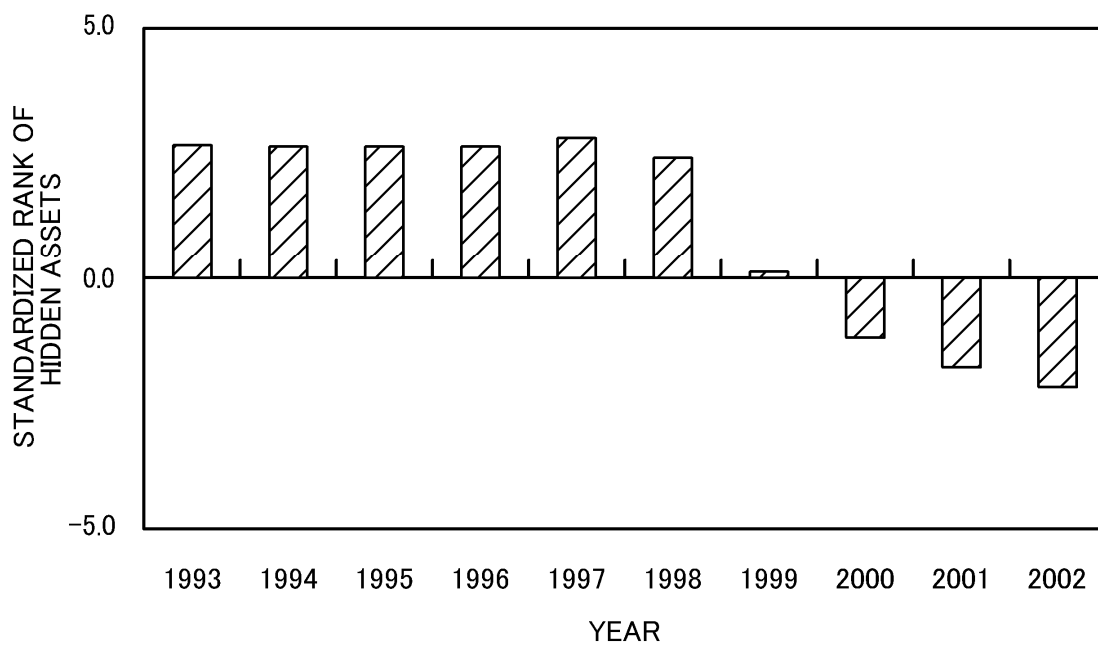


FIG. 46

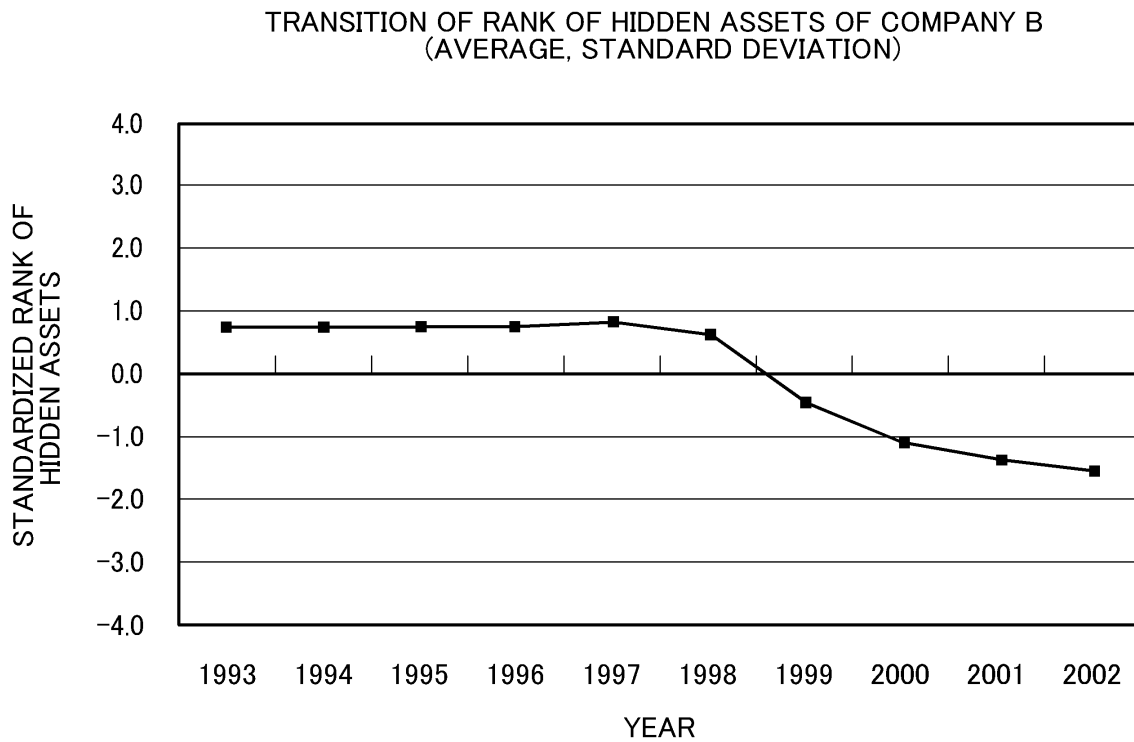


FIG. 47

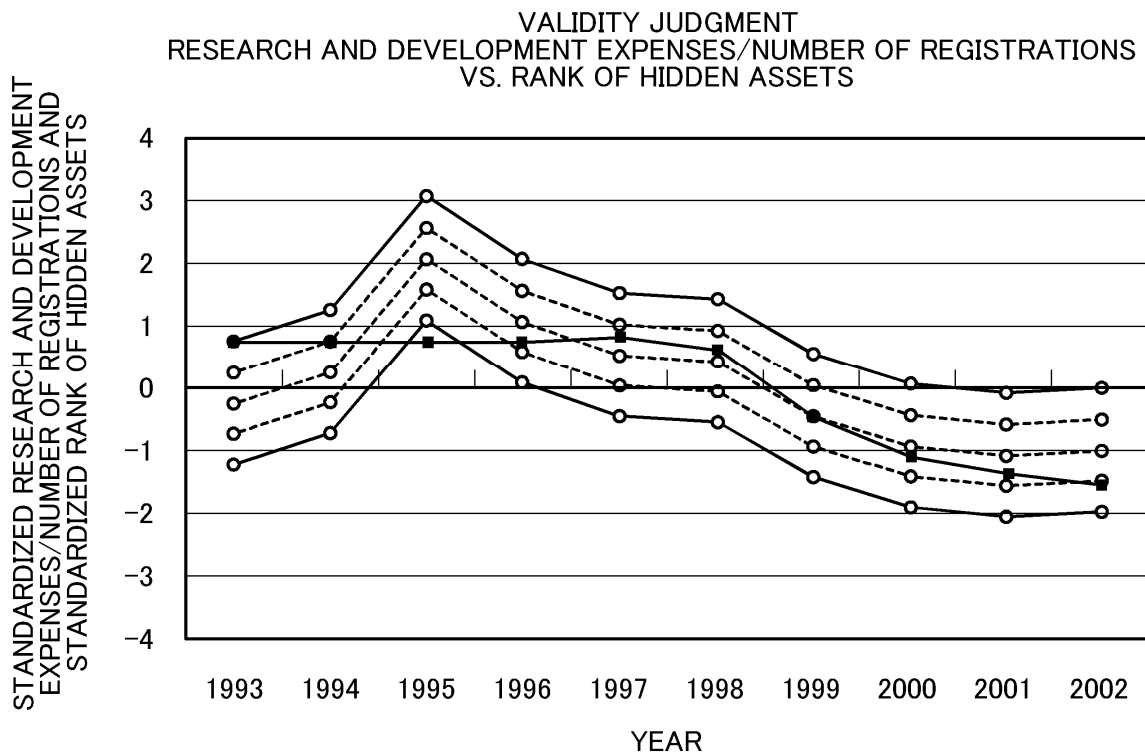


FIG. 48

Acquire Correlation between Spread of (a) Management-Finance Information and Spread of (b) Patent Information

Transition of Correlation Value between Management-Finance Information and Patent Information	
(A) Transition of Correlation Value between Management-Finance Information and Patent Information (Application Related Matters)	(B) Transition of Correlation Value between Management-Finance Information and Patent Information (Registration Related Matters)
Transition of number of filings per employee	Transition of number of registrations per employee
Transition of average number of claims filed per employee	Transition of average number of claims registered per employee
Transition of number of filings to research and development expenses ratio	Transition of number of registrations to research and development expenses ratio
Transition of number of filings to sales volume ratio	Transition of number of registrations to sales volume ratio
Transition of number of filings to sales profit ratio	Transition of number of registrations to sales profit ratio
Transition of number of filings to operating profit ratio	Transition of number of registrations to operating profit ratio
Transition of number of filings to gross operating profit ratio	Transition of number of registrations to gross operating profit ratio
Transition of average number of claims filed to research and development expenses ratio	Transition of average number of claims registered to research and development expenses ratio
Transition of average number of claims filed to sales volume ratio	Transition of average number of claims registered to sales volume ratio
Transition of average number of claims filed to sales profit ratio	Transition of average number of claims registered to sales profit ratio
Transition of average number of claims filed to operating profit ratio	Transition of average number of claims registered to operating profit ratio
Transition of average number of claims filed to gross operating profit ratio	Transition of average number of claims registered to gross operating profit ratio
Transition of average years spent on examination requests to research and development expenses ratio	Transition of average years required for registration to research and development expenses ratio
Transition of average years spent on examination requests to sales volume ratio	Transition of average years required for registration to sales volume ratio
Transition of average years spent on examination requests to sales profit ratio	Transition of average years required for registration to sales profit ratio
Transition of average years spent on examination requests to operating profit ratio	Transition of average years required for registration to operating profit ratio
Transition of average years spent on examination requests to gross operating profit ratio	Transition of average years required for registration to gross operating profit ratio
Transition of average number of inventors in application to research and development expenses ratio	Transition of average number of inventors in registration to research and development expenses ratio
Transition of average number of inventors in application to sales volume ratio	Transition of average number of inventors in registration to sales volume ratio
Transition of average number of inventors in application to sales profit ratio	Transition of average number of inventors in registration to sales profit ratio
Transition of average number of inventors in application to operating profit ratio	Transition of average number of inventors in registration to operating profit ratio
Transition of average number of inventors in application to gross operating profit ratio	Transition of average number of inventors in registration to gross operating profit ratio
Transition of number of filings to research and development expenses (in each country) ratio	Transition of number of registrations to research and development expenses (in each country) ratio
Transition of number of filings to sales volume (in each country) ratio	Transition of number of registrations to sales volume (in each country) ratio
Transition of number of filings to sales profit (in each country) ratio	Transition of number of registrations to sales profit (in each country) ratio
Transition of number of filings to operating profit (in each country) ratio	Transition of number of registrations to operating profit (in each country) ratio
Transition of number of filings to gross operating profit (in each country) ratio	Transition of number of registrations to gross operating profit (in each country) ratio
Transition of average number of claims filed to research and development expenses (in each country) ratio	Transition of average number of claims registered to research and development expenses (in each country) ratio
Transition of average number of claims filed to sales volume (in each country) ratio	Transition of average number of claims registered to sales volume (in each country) ratio
Transition of average number of claims filed to sales profit (in each country) ratio	Transition of average number of claims registered to sales profit (in each country) ratio
Transition of average number of claims filed to operating profit (in each country) ratio	Transition of average number of claims registered to operating profit (in each country) ratio
Transition of average number of claims filed to gross operating profit (in each country) ratio	Transition of average number of claims registered to gross operating profit (in each country) ratio

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]