

FIG. 1

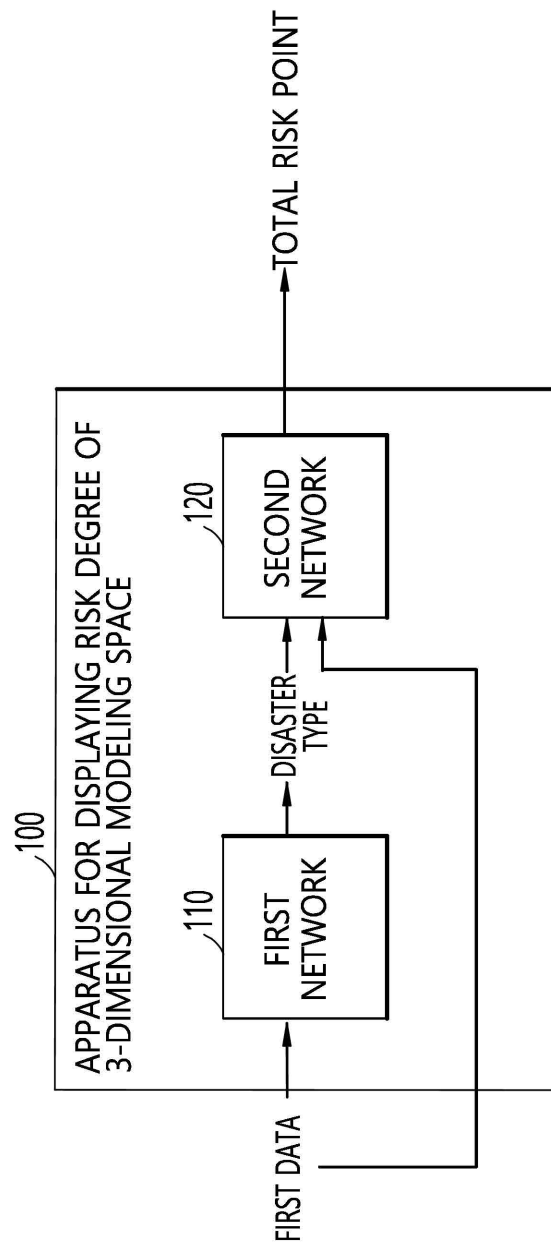


FIG. 2

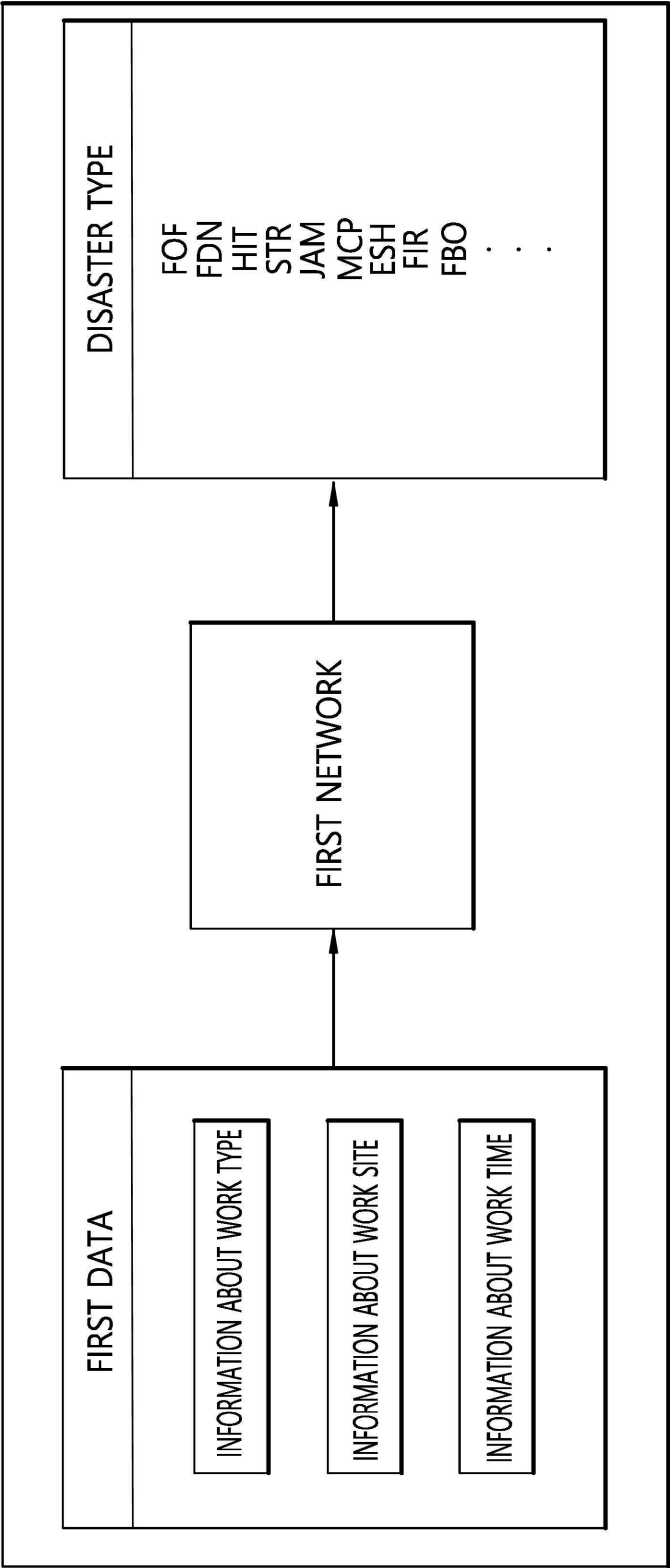


FIG. 3

300

330			310			320		340	
			DISASTER VICTIM TYPE			WORKING FLOOR	INSIDE/OUTSIDE STRUCTURE	DISASTER CAUSE MATERIAL	DISASTER TYPE
			1st	2nd	1st				
2009-10-13	3	9:55	8	8	9	8	OUTSIDE	ROPE DURING EXTERIOR WALL PAINTING WORK AFTER TYING SUSPENDED SCAFFOLD TO LIGHTENING ROD BASE	FALL OFF
2009-10-23	6	9:20	1	6			OUTSIDE	WIRE ROPE COUPLING RING DURING DISMANTLING WORK OF FALLING OBJECT PREVENTION NET	FALL OFF
2009-10-28	4	17:10	6	1			OUTSIDE	DURING FLOOR BEAM FORMWORK INSTALLATION WORK	FALL OFF
2009-12-15	3	11:07	8	1	1	4	OUTSIDE	MASONRY BRICK TRANSPORT WORK, CONSTRUCTION LIFT	FALL OFF
2009-12-30	4	8:10	6	8	18	4	OUTSIDE	DURING DISMANTLING WORK OF GANG FORM FIXING BOLT	FALL OFF
2009-11-06	6	8:30	11	3	20	3	OUTSIDE	DURING ALUMINUM WINDOW AND DOOR INSTALLATION	FALL OFF
2009-11-26	5	5:20	4	3			OUTSIDE	STEEL COLUMN WELD JOINT DURING STEEL FRAME ASSEMBLY WORK	FALL OFF
2009-12-05	7	4:50	6	2	18	4	OUTSIDE	DURING FORMWORK DISMANTLING WORK	FALL OFF
2009-12-07	2	9:05	15	12			INSIDE	PALLET GUIDE ROLLER DURING PARKING FACILITY DEMOLISHING WORK	FALL OFF
2009-12-22	3	8:42	20	5			OUTSIDE	CONCRETE PUMPING PRESSURE	FALL OFF
2009-12-25	6	14:00	5	3	4	2	INSIDE	SLAB SUPPORT WIRE ROPE BREAK DURING CONCRETING	FALL OFF
2009-01-10	1	17:00	10	3	19	11	OUTSIDE	DURING INSTALLATION WORK OF BALUSTRADE AT LOCATION FOR INSTALLING OUTDOOR UNIT OF AIR CONDITIONER OUTSIDE BALCONY	FALL OFF
2009-10-13	4	14:20	1	13			OUTSIDE	DUST CURTAIN INSTALLATION COMING DOWN AFTER FIXING STEEL PIPE SCAFFOLD	FALL OFF
2009-10-15	6	16:15	18	1	19	11	INSIDE	DURING MOVING AFTER STONE CUTTING AND PLASTERING WORK	FALL OFF
2009-10-26	3	18:10	1	4	19	11	OUTSIDE	CONSTRUCTION WORK LIFT	FALL OFF

331 332 333 311 312 321 322

FIG. 4

MONTH	DAY OF WEEK	TIME	FLOOR NUMBER	INSIDE/OUTSIDE	DISASTER VICTIM TYPE		DISASTER CAUSE TYPE		DISASTER TYPE	
Oct	TUE	9	13	OUT	80080030		90080060		SQ	FOF
Oct	FRI	9	3	OUT	10060020				MA	FOF
Oct	WED	17	-1	OUT	60010040				SD	FOF
Dec	TUE	11	11	OUT	80010030		10040040	190110020	SC	FOF
Dec	WED	11	15	OUT	60050030				SD	FOF
Nov	FRI	11	35	OUT	110030030		200030000		SD	FOF
Nov	THU	11	4	OUT	40030030				MA	FOF
Dec	SAT	11	-3	OUT	60020060	60030060	70030070		HB	FOF
Dec	MON	11	-3	IN	150120200	180040020			MA	FOF
Dec	TUE	11	3	OUT	50030010	200050000			EQ	FOF
Dec	FRI	11	-7	IN	50030040		60010080		MA	FOF
Jan	SUN	9	6	OUT	100030050		190110030		SD	FOF
Jan	WED	17	3	OUT	10130110				SD	FOF
Jan	FRI	11	1	IN	180010050		190110030		SC	FOF
Jan	TUE	11	4	OUT	10040090		190110010		SC	FOF

FIG. 5

FOF	FDN	HIT	STR	CLS
Fall off	Fall down	Hit	Struck	Collapse
JAM	MCP	ESH	EXP	FIR
Jamming	Mutilation/Cut /Puncture	Electric Shock	Explosion/ Blast	Fire
FBO	CAT	FIW	MAC	IUM
Fall beneath/Ov erturn	Contact on Abnormal Temperature	Fall into water	Mine Accident	Imbalance and uncontrolled
ECM	ANO	TAN	SEV	AOV
Exposure to Chemical Materials	Anoxia	Traffic Accident on Site	Sport Event	Act of Violence
ANI	TAF	CCD	ETC	UND
Animal Injury	Traffic Accident off site	Occupational Diseases	ETC	Uncategorized

FIG. 6

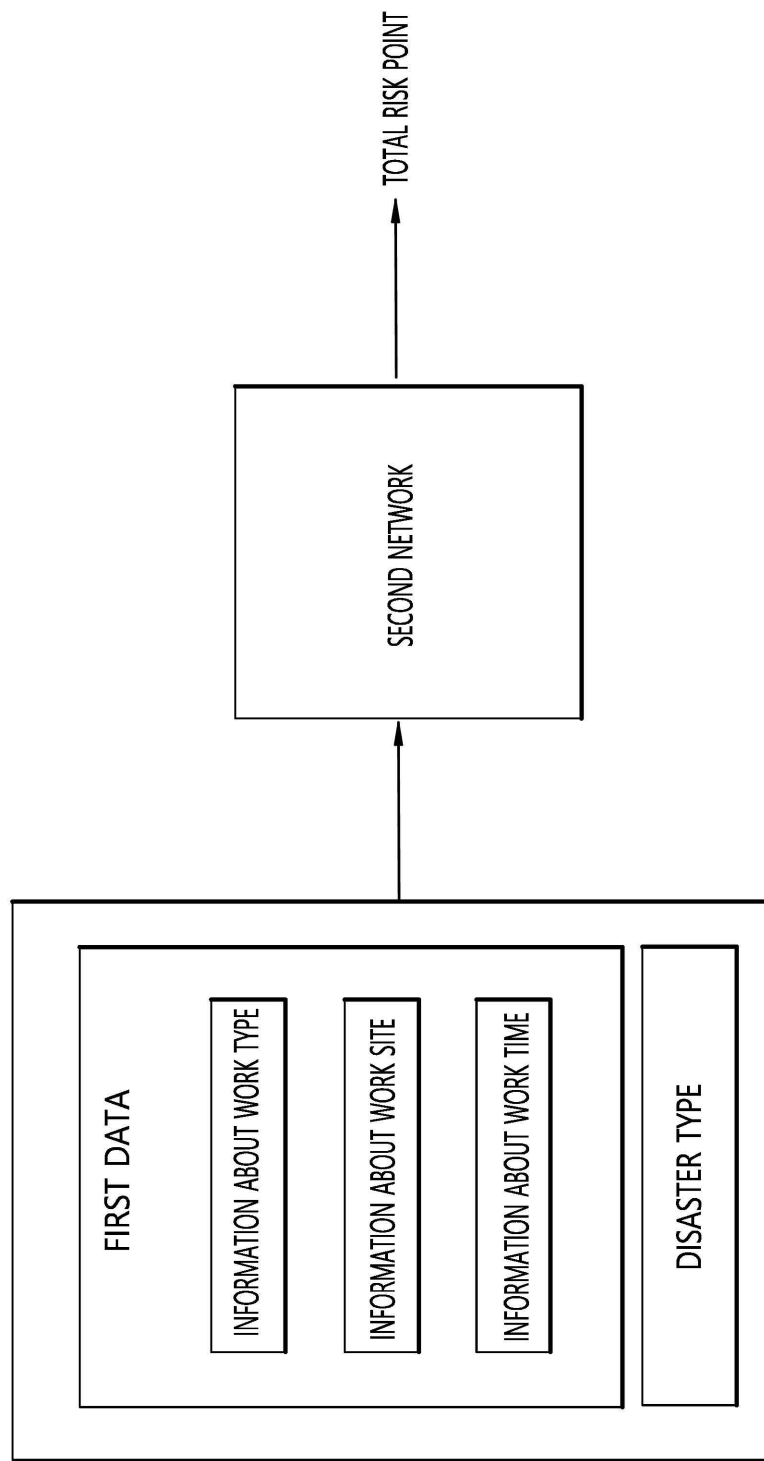


FIG. 7

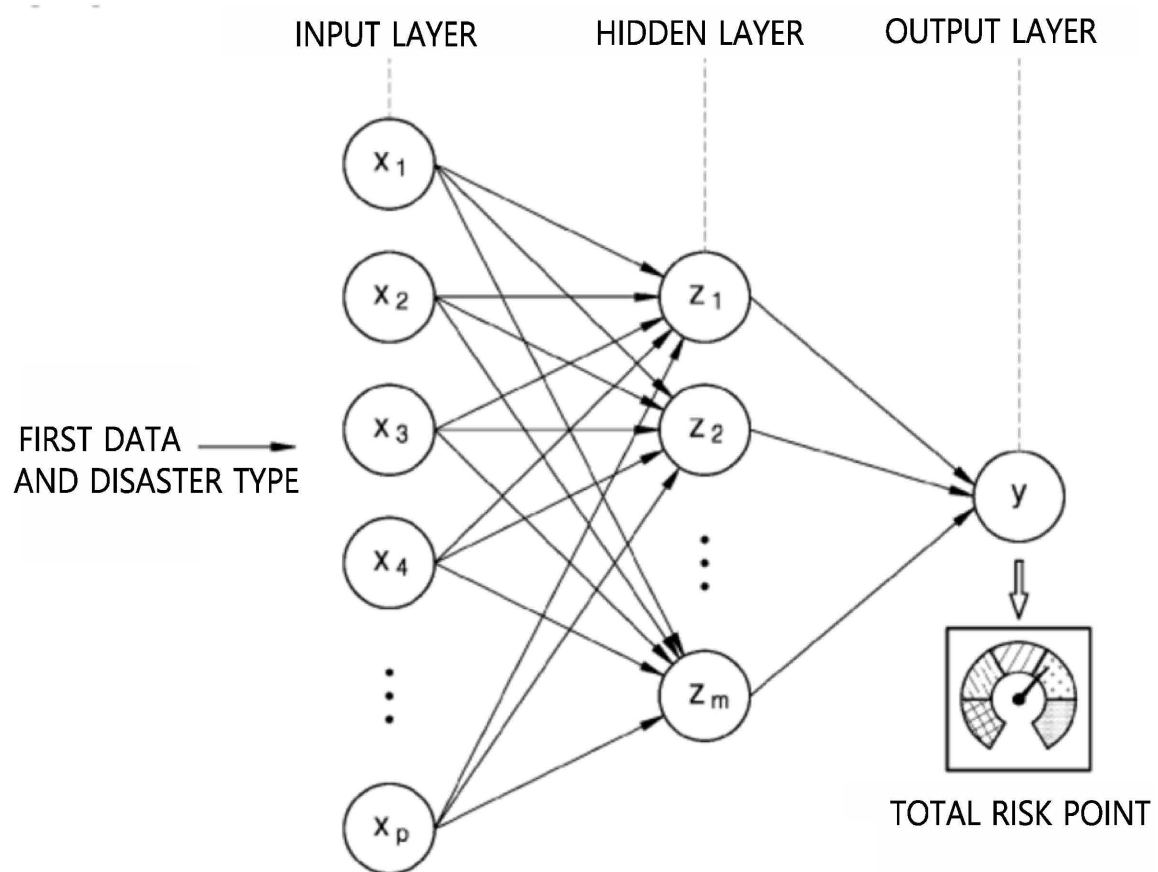


FIG. 8

WORK TYPE		FLOOR NUMBER		MONTH		DAY OF WEEK		TIME	
TEMPORARY WORK	63.1	15 STORIES	100.0	Jan	35.1	SUN	10.0	0~2	12.6
SAND WORK	39.4	6 TO 14 STORIES	75.7	Feb	20.5	MON	100.0	2~4	10.2
FOUNDATION WORK	23.4	2 TO 5 STORIES	50.5	Mar	74.9	TUE	84.6	4~6	10.0
FORMWORK	100.0	ONE STORY	10.0	Apr	18.4	SED	66.8	6~8	22.0
REBAR WORK	24.7	1 TO 3 STORIES UNDERGROUND	67.6	May	95.8	THU	60.9	8~10	76.6
CONCRETE WORK	69.2	4 OR MORE STORIES UNDERGROUND	94.3	Jun	70.7	FRI	77.5	10~12	100.0
STEEL STRUCTURE WORK	60.8			Jul	81.2	SAT	84.6	12~14	44.0
MASONRY/PLASTERING WORK	50.5			Aug	100.0			14~16	90.7
WATERPROOF WORK	19.7			Sep	41.4			16~18	56.2
DAMPPROOF WORK	14.2			Oct	85.3			18~20	12.8
PAINTING WORK	37.8			Nov	72.8			20~22	10.5
WINDOW AND DOOR/GLASS WORK	25.8			Dec	10.0			22~24	10.1
METAL WORK	16.7							udf	10.2
INTERIOR FINISHING WORK	13.8								
EXTERIOR WALL WORK	17.4								
CURTAIN WALL WORK	10.5								
TILE/TERRACOTTA WORK	13.0								
STONE WORK	15.9								
FIRE PROTECTION/FIREPROOF WORK	10.0								
INSULATION WORK	12.1								
WOOD WORK	12.0								
CEILING WORK	13.3								
FLOOR HEATING SYSTEM WORK	14.2								
ROOF WORK	36.6								
SPECIFIED BUILDING WORK	11.2								
ELEVATOR WORK	15.3								
LIFTING MACHINE WORK	32.0								
CONSTRUCTION MACHINERY EQUIPMENT WORK	57.1								
CONSTRUCTION ELECTRICAL INSTALLATION WORK	31.8								
LANDSCAPE WORK	12.2								
BUILDING SUBSIDIARY WORK	27.2								
DEMOLITION/RESOURCE RECYCLING WORK	40.1								

DISASTER TYPE		
FOF	FALL OFF	100.0
FDN	FALL DOWN	53.7
HIT	HIT	36.3
STR	STRUCK	45.8
CLS	COLLAPSE	14.8
JAM	JAMMING	35.6
MCP	MUTILATION/CUT/PUNCTURE	30.3
ESH	ELECTRIC SHOCK	12.6
EXP	EXPLOSION/BLAST	10.9
FIR	FIRE	11.1
FBO	FALL BENEATH/OVERTURN	15.2
CAT	CONTACT ON ABNORMAL TEMPERATURE	11.3
FIW	FALL INTO WATER	10.2
MAC	MINE ACCIDENT	10.0
IUM	IMBALANCE AND UNCONTROLLED	16.4
ECM	EXPOSURE TO CHEMICAL MATERIALS	10.6
ANO	ANOXIA	10.1
TAN	TRAFFIC ACCIDENT ON SITE	10.5
SEV	SPORT EVENT	10.1
AOV	ACT OF VIOLENCE	10.1
ANI	ANIMAL INJURY	10.1
TAF	TRAFFIC ACCIDENT OFF SITE	12.4
OCD	OCCUPATIONAL DISEASE	19.2
ETC	ETC	10.4
UNC	UNCATEGORIZED	10.4

FIG. 9

MONTH	DAY OF WEEK	TIME	FLOOR NUMBER	INSIDE/OUTSIDE	DISASTER VICTIM TYPE	DISASTER CAUSE TYPE	DISASTER TYPE
Oct	TUE	9	13	OUT	80080030	90080060	SQ FOF
Oct	FRI	9	3	OUT	10060020		MA FOF
Oct	WED	17	-1	OUT	60010040		SD FOF
Dec	TUE	11	11	OUT	80010030	10040040	SC FOF
Dec	WED	8	15	OUT	60050030		SD FOF
Nov	FRI	8	35	OUT	110030030	200030000	SD FOF
Nov	THU	15	4	OUT	40030030		MA FOF
Dec	SAT	14	-3	OUT	60020060	70030070	HB FOF
Dec	MON	9	-3	IN	150120200	180040020	MA FOF
Dec	TUE	8	3	OUT	50030010	200050000	EQ STR
Dec	FRI	14	-7	IN	50030040	60010080	MA FOF
Jan	SUN	17	6	OUT	100030050	190110030	SD FOF
Jan	WED	14	3	OUT	10130110		SD FOF
Jan	FRI	16	1	IN	180010050	190110030	SC FOF
Jan	TUE	8	4	OUT	10040090	190110010	SC FOF

WORK TYPE RISK POINT	DISASTER TYPE RISK POINT	MONTH RISK POINT	DAY OF WEEK RISK POINT	TIME RISK POINT	FLOOR NUMBER RISK POINT	TOTAL RISK POINT
37.8	100.0	85.3	84.6	76.6	75.7	460.0
63.1	100.0	85.3	77.5	76.6	50.5	453.1
100.0	100.0	85.3	66.8	56.2	67.6	476.0
50.5	100.0	10.0	84.6	100.0	75.7	420.8
100.0	100.0	10.0	66.8	76.6	100.0	453.4
25.8	100.0	72.8	77.5	76.6	100.0	452.7
60.8	100.0	72.8	60.9	90.7	50.5	435.8
100.0	100.0	10.0	84.6	90.7	67.6	452.9
15.3	100.0	10.0	100.0	76.6	67.6	369.5
69.2	45.8	10.0	84.6	76.6	50.5	336.7
69.2	100.0	10.0	77.5	90.7	94.3	441.8
16.7	100.0	35.1	10.0	56.2	75.7	293.7
63.1	100.0	35.1	66.8	90.7	50.5	406.3
50.5	100.0	35.1	77.5	56.2	10.0	329.3
63.1	100.0	35.1	84.6	76.6	50.5	410.0

FIG. 10

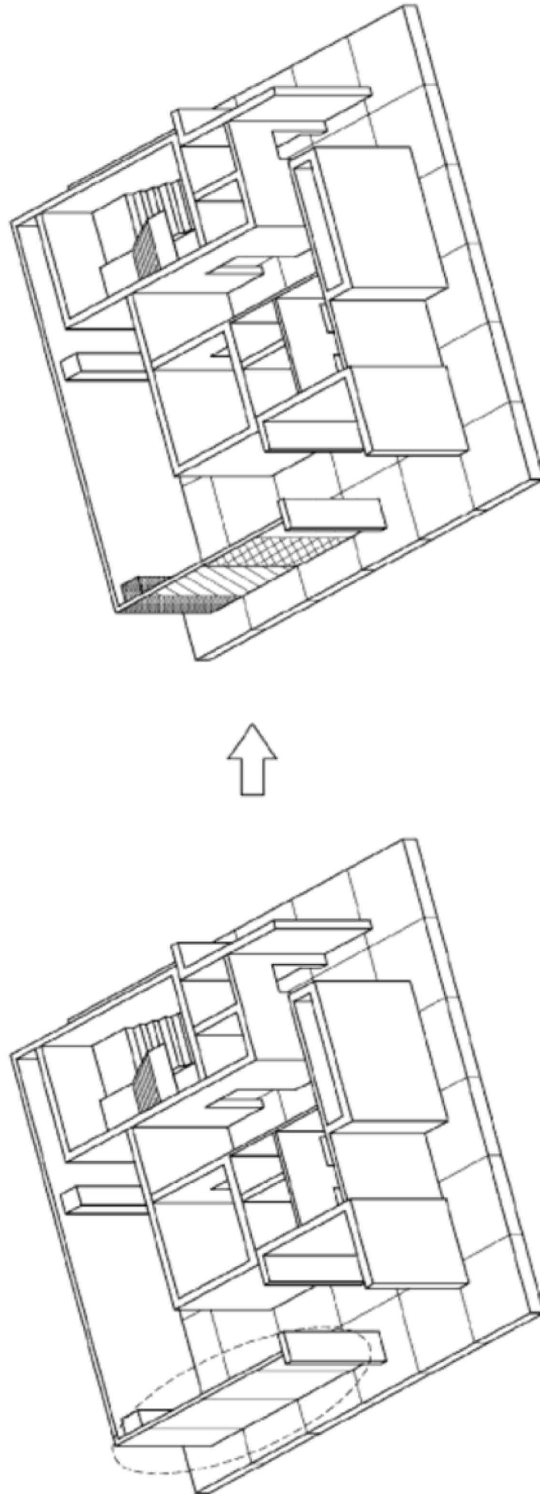


FIG. 11

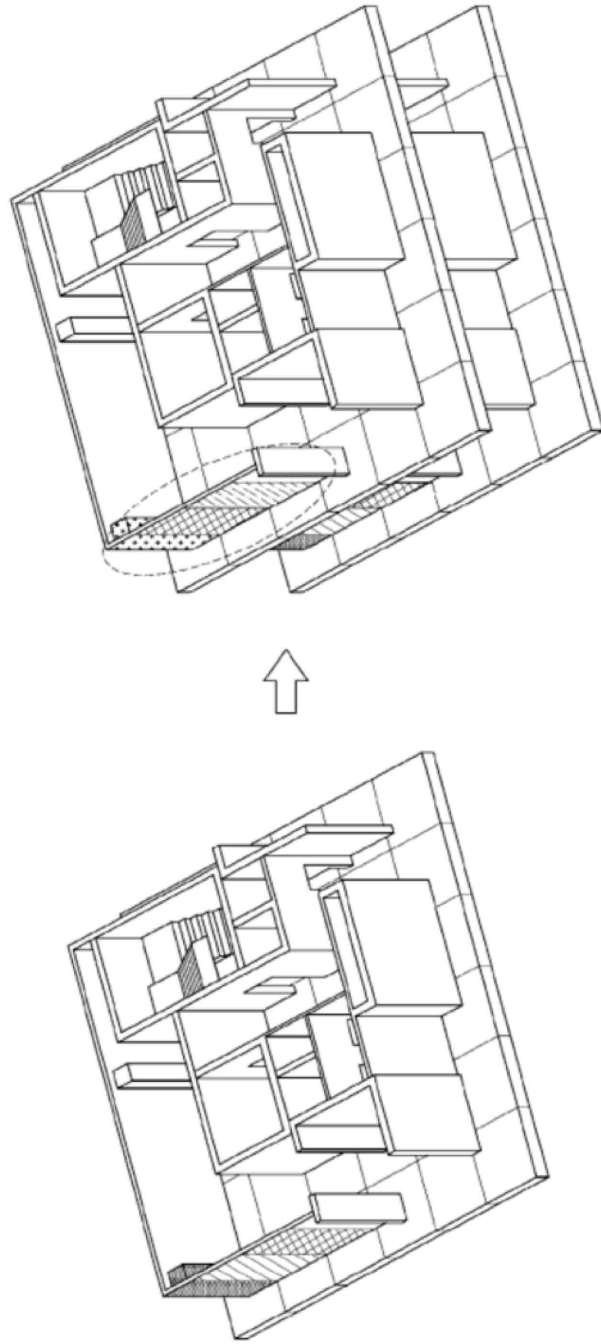


FIG. 12

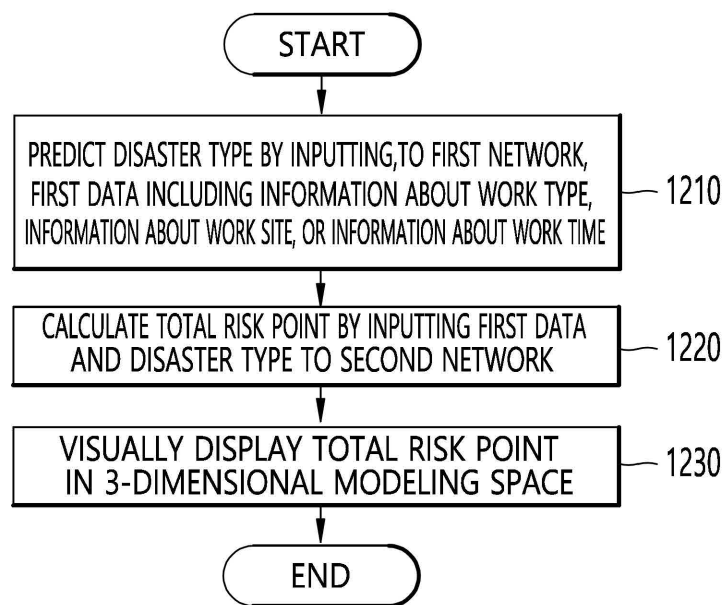


FIG. 13