

FIG. 1

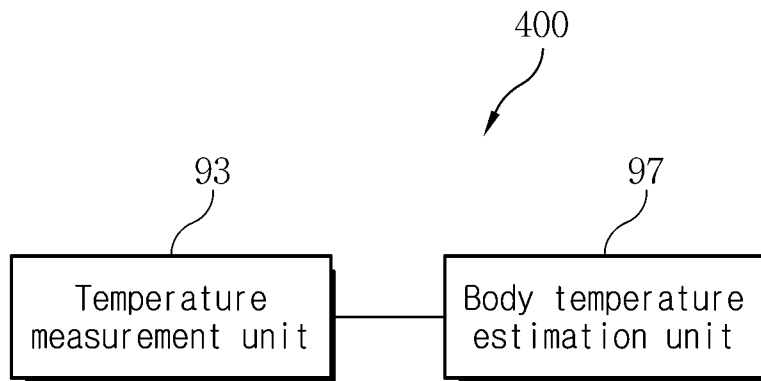


FIG. 2

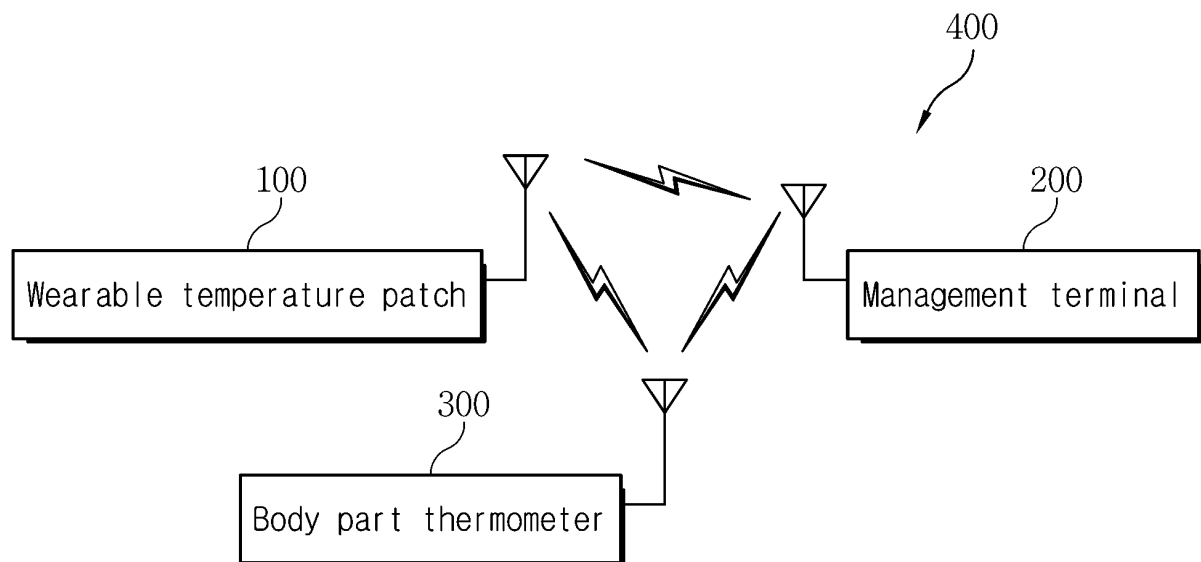


FIG. 3

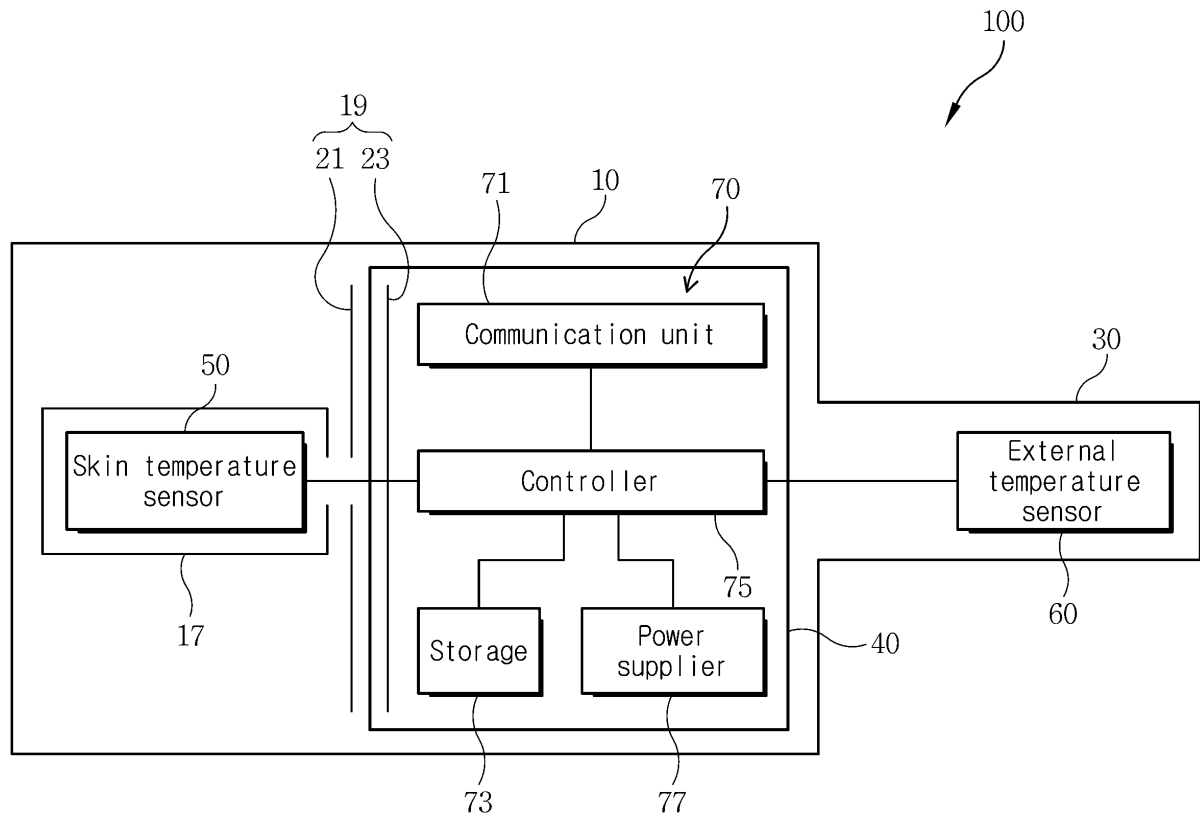


FIG. 4

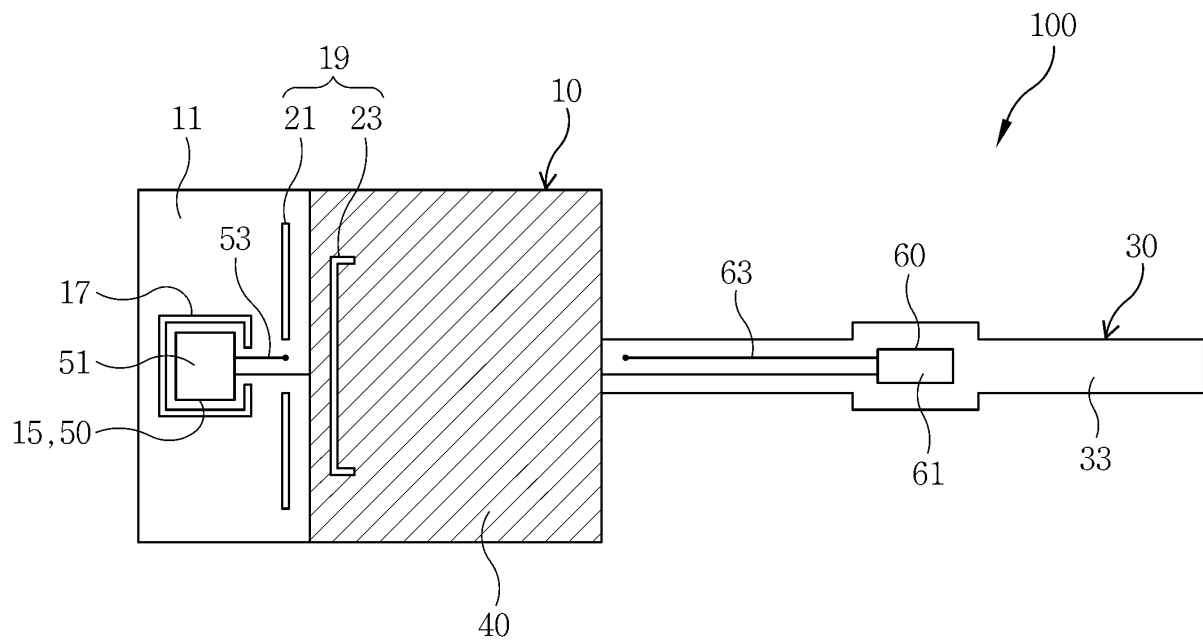


FIG. 5

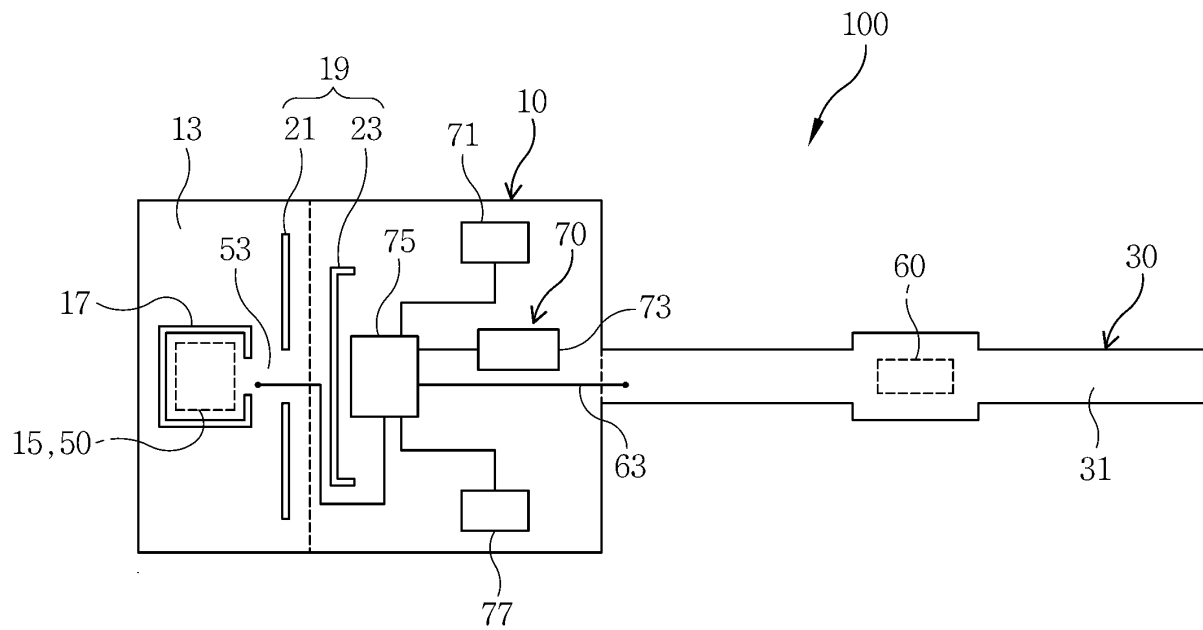


FIG. 6

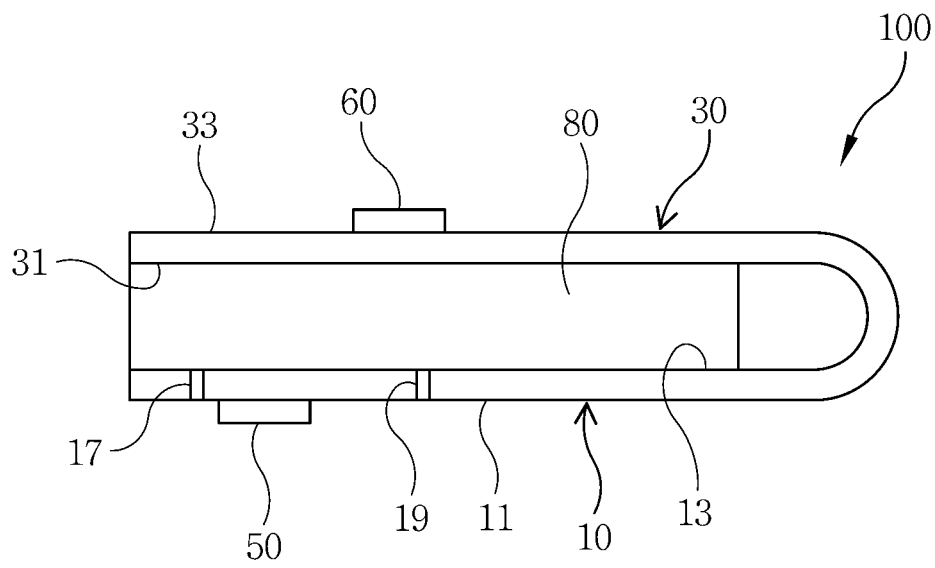


FIG. 7

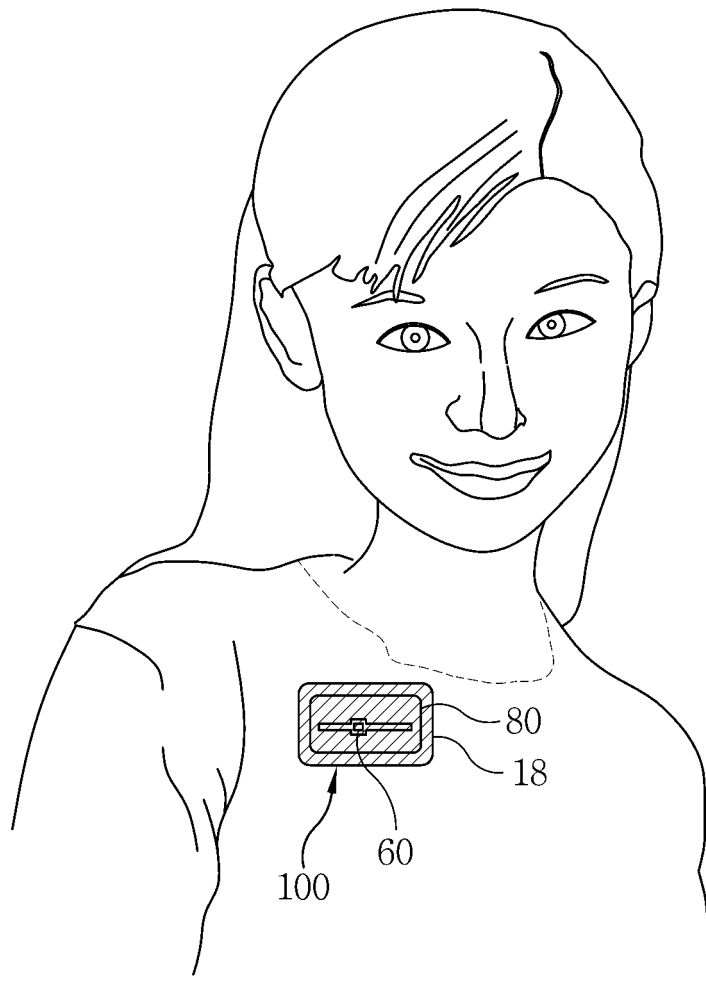


FIG. 8

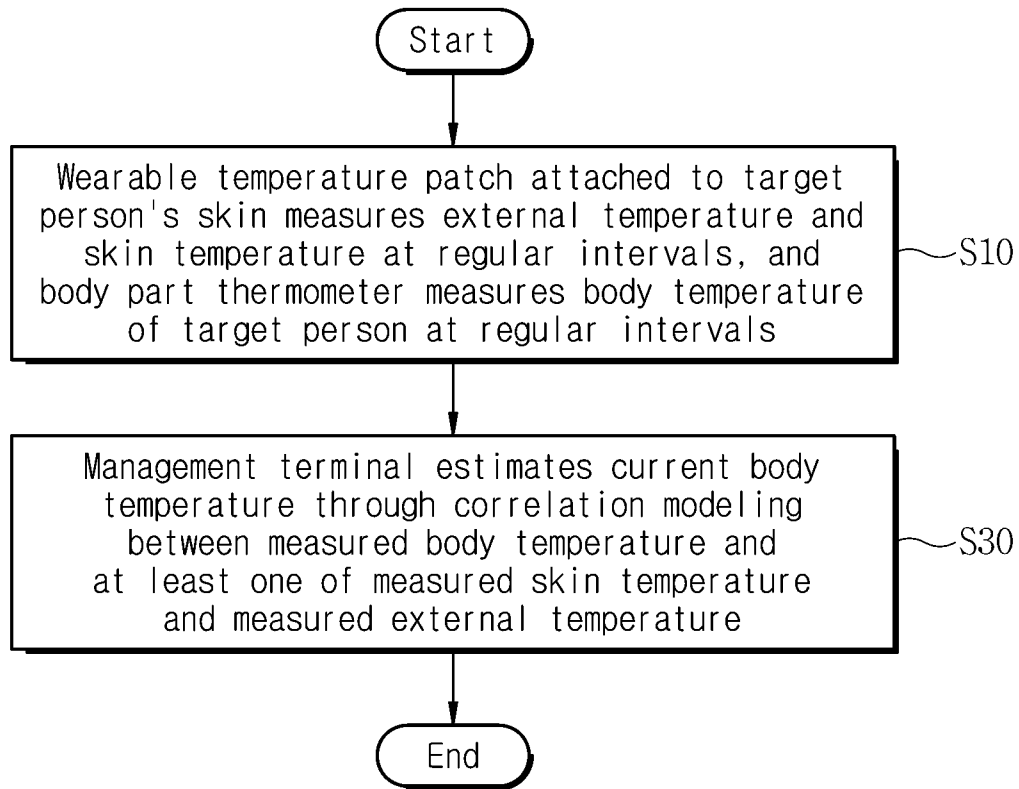


FIG. 9

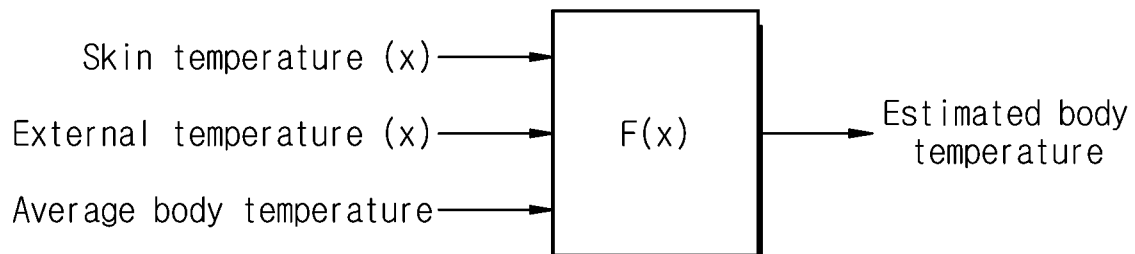


FIG. 10

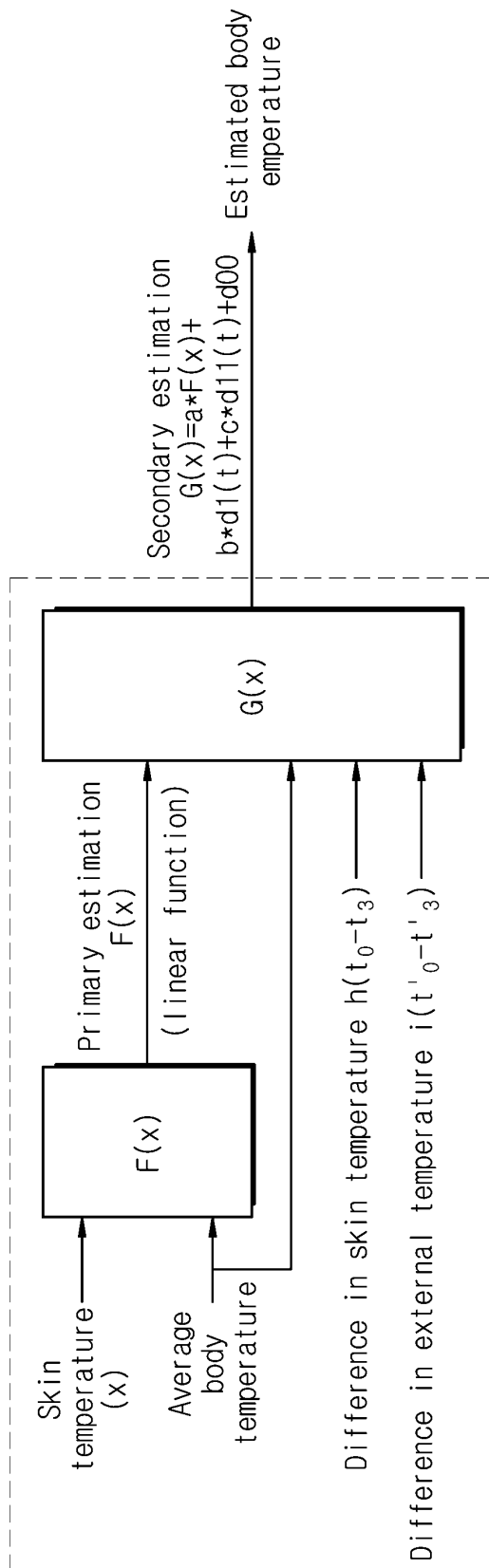


FIG. 11

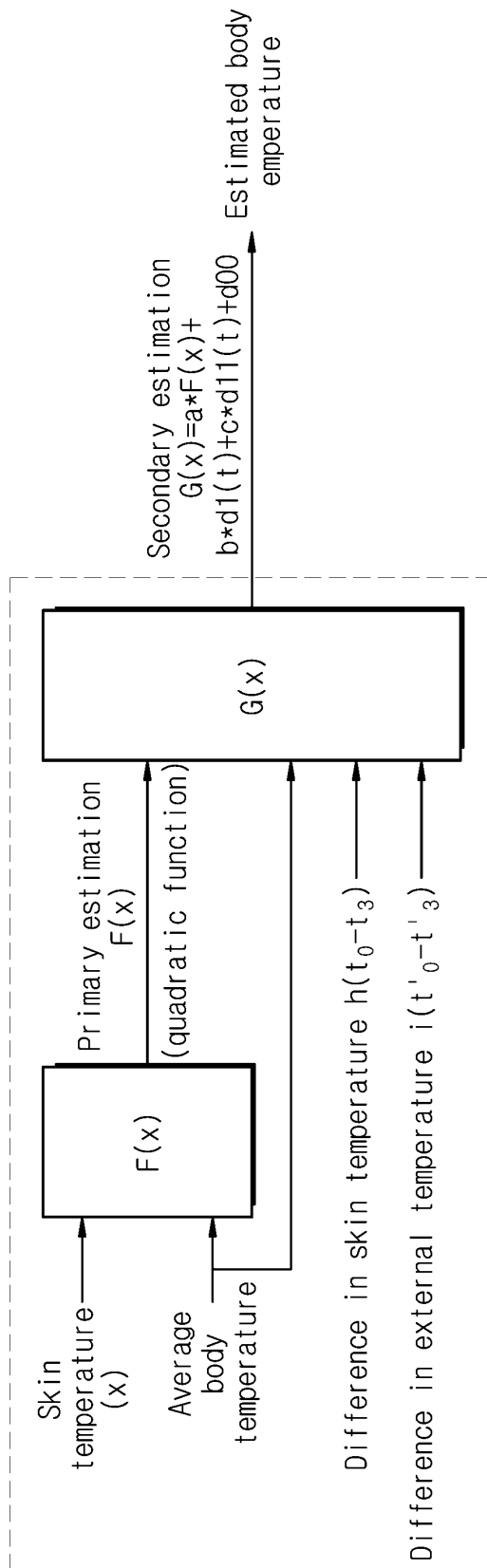


FIG. 12

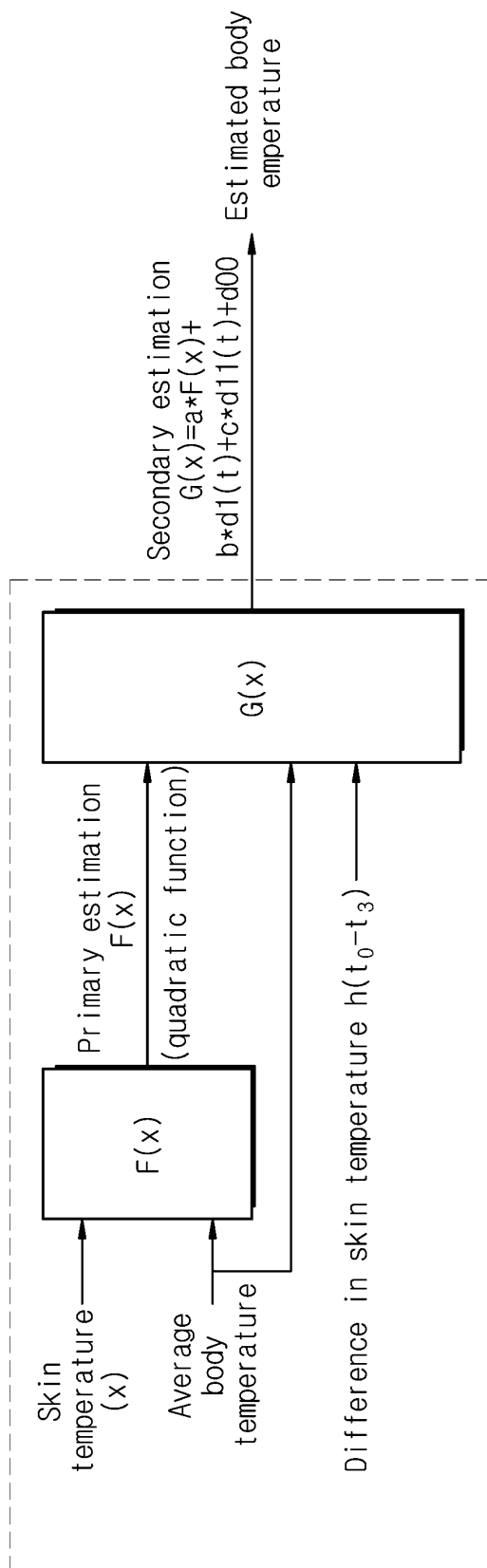


FIG. 13

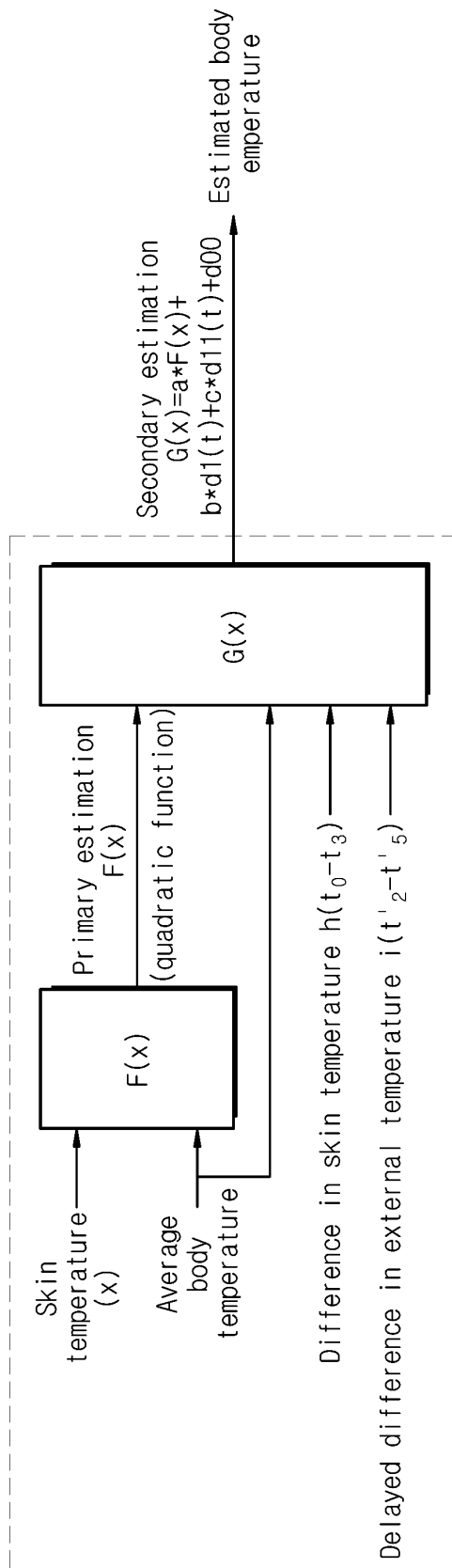


FIG. 14

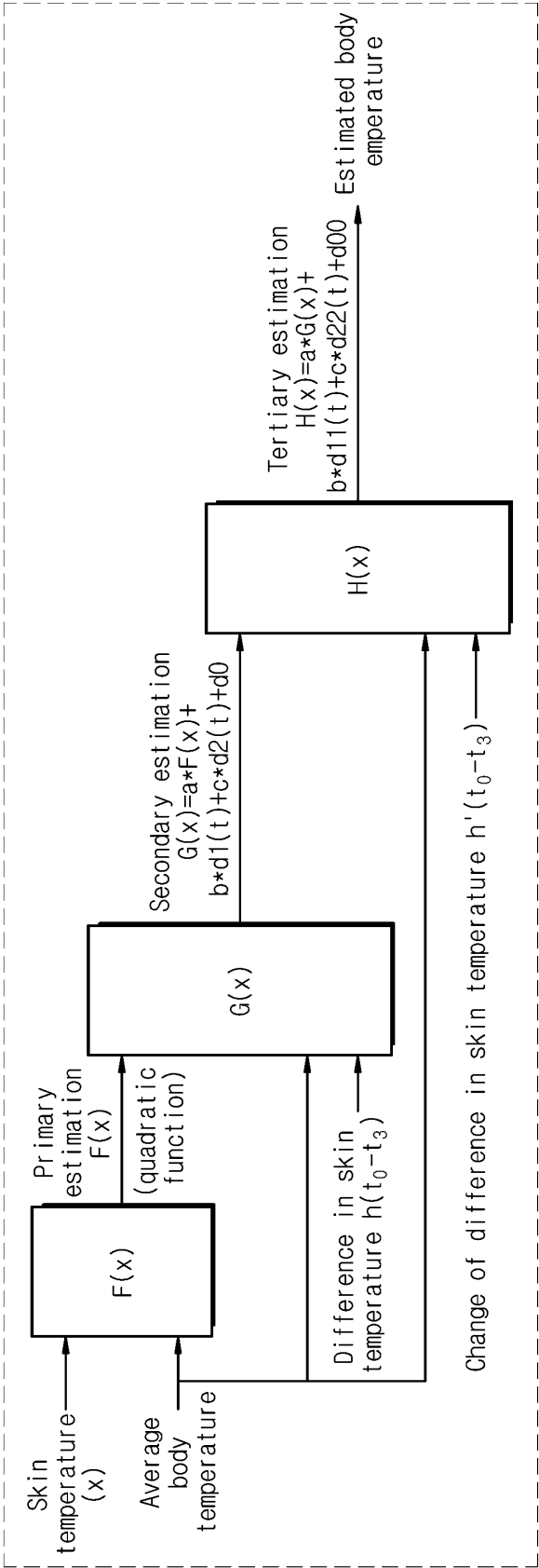


FIG. 15

	A	C	E	K
1	Measure time	External	Chest skin	CORE
2	AM 8:40	30.64	33.87	36.38
3	AM 9:18	31.63	34.15	36.46
4	AM 9:41	30.89	34.33	36.36
5	AM 10:10	31.43	34.48	36.26
6	AM 10:36	30.35	33.94	36.28
7	AM 11:04	30.34	33.91	36.36
8	AM 11:34	31.1	34.07	36.34
9	AM 12:03	29.75	34.06	36.4
10	PM 12:31	29.09	33.82	36.44
11	PM 1:03	29.57	33.32	36.36
12	PM 1:33	32.92	34	36.34
13	PM 2:02	31.85	34.48	36.4
14	PM 2:36	30.64	34.21	36.52
15	PM 3:04	31.28	34.66	36.42
16	PM 3:36	29.61	33.4	36.46
17	PM 4:18	26.13	31.91	36.54
18	PM 4:35	28.68	32.7	36.44
19	PM 5:03	29.27	32.8	36.44
20	PM 5:34	31.15	33.75	36.52
21	PM 5:55	30.75	33.95	36.58
22	PM 6:57	30.41	34.16	36.68
23	PM 7:31	32.12	34.51	36.78
24	PM 7:54	31.66	34.57	36.96
25	PM 8:24	31.5	35.11	36.72
26	AM 8:52	30.75	33.62	36.34
27	AM 9:28	31.5	33.71	36.46
28	AM 9:50	30.61	33.63	36.42
29	AM 10:14	31.03	33.88	36.54
30	AM 10:45	31.19	34.06	36.38
31	AM 11:09	29.35	33.49	36.44
32	AM 11:38	30.31	34.08	36.5
33	PM 12:07	30.16	34.12	36.62
34	PM 12:33	31.3	34.31	36.72
35	PM 1:05	31.84	34.64	36.82
36	PM 1:39	31.46	34.48	36.66
37	PM 2:05	31.35	34.64	36.66
38	PM 2:50	31.07	34.3	36.68
39	PM 3:09	30.78	34.1	36.6
40	PM 3:36	27.29	33.18	36.5
41	PM 4:15	30.61	34.48	36.8
. . .				
360	PM 7:32	30.26	34.82	36.86
361	PM 7:55	31.72	34.78	36.82
362	AM 9:24	30.6	33.54	36.56
363	AM 9:52	30.21	33.85	36.68
364	AM 10:23	31.92	34.7	36.86
365	AM 11:04	30.63	33.95	36.6
366	AM 11:28	30.69	34.04	36.62
367	AM 11:55	31.6	34.72	36.5
368	PM 12:27	29.25	33.73	36.5
369	PM 1:04	30.28	34.01	36.74
370	PM 1:39	32.76	34.66	36.64
371	PM 2:06	33.68	35.22	36.9
372	PM 2:32	30.65	34.56	36.94
373	PM 3:04	32.21	34.82	36.78
374	PM 3:38	32.82	34.96	36.78
375	PM 4:18	28.95	34.42	36.7
376	PM 4:37	32.57	34.81	36.74
377	PM 5:08	30.21	34.59	36.82
378	PM 5:39	32.98	35.04	36.8
379	PM 6:05	30.77	34.47	36.48
380	AM 9:23	31.61	34.51	36.82
381	AM 9:59	32.7	35.24	36.68
382	AM 10:24	31.31	34.84	36.62
383	AM 11:12	31.35	34.55	36.54
384	AM 11:39	31.11	34.36	36.48
385	AM 11:53	31.36	34.81	36.62
386	PM 12:29	33.19	35.11	36.52
387	PM 1:05	33.33	35.55	36.7
388	PM 1:35	33.92	35.81	37.04
389	PM 2:04	33	35.59	36.62
390	PM 2:35	32.86	35.12	36.62
391	PM 3:07	32.39	35.12	36.98
392	PM 3:42	32.97	35.12	36.88
393	PM 4:10	31.72	34.88	36.9
394	PM 4:39	31.82	34.67	36.62
395	PM 5:16	32.87	35.07	36.84
396	PM 5:30	32.62	35.03	36.92
397	PM 6:06	32.31	35.15	37.04
398	PM 6:44	33.57	35.3	36.7
399	PM 7:08	33.24	35.45	36.84
400	PM 7:50	33	35.57	36.72
401	PM 8:10	33.97	36.02	37.14

FIG. 16

B Measure time	C Seq.	D	E Total	F Outer Temp	G Skin Temp
AM 8:18	0 -		608	30.35	32.31
AM 8:19	1 -		608	30.21	32.37
AM 8:20	2 -		608	30.42	32.49
AM 8:21	3 -		608	30.51	32.58
AM 8:22	4 -		608	30.34	32.68
AM 8:23	5 -		608	30.2	32.76
AM 8:24	6 -		608	30.23	32.82
AM 8:25	7 -		608	30.35	32.88
AM 8:26	8 -		608	30.43	32.93
AM 8:27	9 -		608	30.38	32.97
AM 8:28	10 -		608	30.31	33.05
AM 8:29	11 -		608	30.51	33.13
AM 8:30	12 -		608	30.96	33.2
AM 8:31	13 -		608	30.81	33.24
AM 8:32	14 -		608	30.95	33.32
AM 8:33	15 -		608	30.69	33.4
AM 8:34	16 -		608	29.92	33.46
AM 8:35	17 -		608	29.64	33.41
AM 8:36	18 -		608	29.42	33.4
AM 8:37	19 -		608	29.07	33.35
AM 8:38	20 -		608	30.04	33.31
AM 8:39	21 -		608	30.49	33.37
AM 8:40	22 -		608	30.67	33.42
AM 8:41	23 -		608	30.67	33.46
AM 8:42	24 -		608	30.6	33.51
AM 8:43	25 -		608	30.93	33.53
AM 8:44	26 -		608	31.39	33.61
AM 8:45	27 -		608	28.98	33.58
AM 8:46	28 -		608	28.4	33.44
AM 8:47	29 -		608	28.57	33.34
AM 8:48	30 -		608	29.71	33.31
AM 8:49	31 -		608	28.92	33.33

External temperature processing (delay: 2min):
 $30.49 - 29.42 = 1.07$

Skin temperature processing:
 $33.51 - 33.37 = 0.14$

FIG. 17

B	C	D	E	F	G
Measure time	Seq.		Total	Outer Temp	Skin Temp
AM 8:18	0 -		608	30.35	32.31
AM 8:19	1 -		608	30.21	32.37
AM 8:20	2 -		608	30.42	32.49
AM 8:21	3 -		608	30.51	32.58
AM 8:22	4 -		608	30.34	32.68
AM 8:23	5 -		608	30.2	32.76
AM 8:24	6 -		608	30.23	32.82
AM 8:25	7 -		608	30.35	32.88
AM 8:26	8 -		608	30.43	32.93
AM 8:27	9 -		608	30.38	32.97
AM 8:28	10 -		608	30.31	33.05
AM 8:29	11 -		608	30.51	33.13
AM 8:30	12 -		608	30.96	33.2
AM 8:31	13 -		608	30.81	33.24
AM 8:32	14 -		608	30.95	33.32
AM 8:33	15 -		608	30.69	33.4
AM 8:34	16 -		608	29.92	33.46
AM 8:35	17 -		608	29.57	33.41
AM 8:36	18 -		608	29.64	33.4
AM 8:37	19 -		608	29.42	33.35
AM 8:38	20 -		608	29.07	33.31
AM 8:39	21 -		608	30.04	33.37
AM 8:40	22 -		608	30.49	33.42
AM 8:41	23 -		608	30.67	33.46
AM 8:42	24 -		608	30.6	33.51
AM 8:43	25 -		608	30.93	33.55
AM 8:44	26 -		608	31.39	33.61
AM 8:45	27 -		608	28.98	33.58
AM 8:46	28 -		608	28.4	33.44
AM 8:47	29 -		608	28.57	33.34
AM 8:48	30 -		608	29.71	33.31
AM 8:49	31 -		608	28.92	33.33

Processing of
difference in skin
temperature(T2):
 $33.46 - 33.31 = 0.15$

Processing of change of
difference in skin
temperature(T=T1-T2):
 $0.14 - 0.15 = 0.01$

Processing of
difference in skin
temperature(T1):
 $33.51 - 33.37 = 0.14$