

(19)
(12)

(KR)
(A)

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H04L 12/28

(11)
(43)

10-2004-0018244
2004 03 02

(21)	10-2003-7005396
(22)	2003 04 17
	2003 04 17
(86)	PCT/US2001/032528
(86)	2001 10 18

(87)	WO 2002/33564
(87)	2002 04 25

[illegible]

(30)	60/241,233	2000	10	18	(US)
	09/692,852	2000	10	20	(US)

(71)

[illegible]

(74)

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(54)

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가 3

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(30)

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(1-6)

가

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(1-6)

(1-6)

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가

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(32)

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가

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6)

(34)

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(1,2,4,5)

(36)

(3)

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(1-6)

가

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(35)

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(1-6)

가

2

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(34)

(38)

가

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(1-6)

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(5)가

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(1,2)

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(servo-hydraulic testing)

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(30)

3 7 , (1,2) (32)가 (1-6)가
 . (3-6) (1,2)
 . (1-6)

300MFbps 가 (6) 1,500MFbps 가
 (1-6)

(1,2) 1 (1) 1 (40) 2 (2)
 2 (42) 1 2 (40,42) (1-6)
 (40,42) (40,42) (1,2)
 (40,42) (73)가 (40,42) (1-6)
 1 2 (40,42)

1 (40) 1 , (1) 1 1 2
 , 2 (42)가 2 , (2)
 . 가 , (40,42) (1-6) 2 2

1 2 (36) (30) 1 2 (40,42)
 . (32) (40,42) (44), (40,42) (44)
 (46) , (1-6) 가 (44)

5 7 , 1 2 (40,42) 1 2 1 2
 (48) , (48)
 . (40,42)
 . (32)가 (40,42)

1 (50) 1 (40) 2 (52) 2 (42) 4 6
 , 1 2 (50,52) 1 (40) (48) 1 2 (5)
 4) 1 (56) 2 (52) 1 (42) (48) (48) , 2
 (48) 2 (54,56) 1 2
 (54,56) (1-6)

1 2 가 (54,56) (40,42) (
) 가 , 1 2 (54,56) (1-6)

4 6 1 2 (50,52) 1 2 가 (58,60) 1
 2 (40,42) 1 2 (40,42) (30)
 가 (58,60) (1-6) 1 2 (40,42)
 (1-6) 가 (58,60) (30) 가 (58,60)

5 7 , 1 2 (40,42) (62) 가
 1 2 (62)
 (62) (40,42)

(62) (62) 가 . (1-6)

(62) (62) 가 . (1-6)

(1) 1 (40) , 4 (62) (62)

5 7 (62) (64,66) (64,66) 5 4 (62) 7 3

(62) (branching off) 가 , (64,66) (64,66) (32)

(64) (66) (64), (40,42) 가

(64) , (66) 가

(64) (66) (62) (62)가 가

4 (62) (64)가 가 (32) (62)가

1,2 3 (32) 1 , 1 (63) (1) 1 (40) (32) 1 (40) (1-6)

3 (32) 1 2 (40,42) 1 2

가 1 2 (40,42) 1 2 (40,42)

(32) (72) 1 2 1 2 (68,70)

(32) (72) 1 2 (40,42) (72)

(74)

3 , 1 (68) 1 2 1 (76,78)

1 2 (70)가 2 2 (80,82)

42) 1 2 (32) (76,80) 1 2 (40,42) (32) (40,

2) 1 2 (40,42) (78,82) (30) (40,42) (32) (3

(44) (76,80) (78,82) (40,42) (40,42)

1 2 가 (76,80) 1 2 (30) (78,82)

가 가 가 , 1 2 (76,80) 1 2 (78,82)

(30) (30) 가

(30)

8 , (30) 가 , , (1,2) (32)가 .
 1 (40) 2 (68) 1 2 (40,42) (40,42)
 2 (40,42) (42) (40,42) 1 2 (40,42) 1
 50,52) 가 (40,42) 1 2 (1,2) (

2 , 1 2 (40,42) (40,42) 1
 (40,42) 가 1 2 (40,42)
 (1,2) 가
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2 (1,2) (40,42) 4 6 (1,2) 1 2 (50,52) 5 7 1

9 , 7 8 (7,8) 가 2 (84) (86) 1
 (32) , 1 (32) , 2 (84)가 (1,2) (7,8) 10
 (32,84) (1-8) (1) (2)가 -

가 (32) (84) 1 2 (32,84)
 , 1 (32) 2 (84) (88) (32,84)가
 (88) 1 (32) , 1 2 (32,84) (1-8) (1-8)
 (84) 가 , 1 (32) 가 1 (32)가 2
 가 , (30) (1-8) , (32,84) 9

11 13 , 가
 (86)

14 , () (86) (30) 3 (30)

(30)
 , 가 (1) (2) (1) (30) 15
 (1-6) (1-6) (1-6)
 (1-6)

16 , (1)가 1 2 (40,42) (62)
 1 (40) 가 1 (40) (62)

1 (40) (1) (1-6)

(32) 1 (40) (30) (62) (1) 1 (40) (68,70) (62) (64,66) (62) (40)가 2 (62) 1 (62) (66)가 (64,66) 1 (40) 2 (62)가 가 (62) 2 (62) (64) 4 (62)가 가 (40) 4 (62) 3 (62) 1 (40) (62) 4 (62) (66) 4 (62) 가 (32) 1 (62) 2 (62) 4 (62)

4 (32) 1 (40) (68,70) (30) (68,70) 1 (76) 1 (40) (32) 가 (40,42) 가 (40,42) 가 (40,42) (40,42) 가

(66) (1) 1 가 (58) (2) (2) (1) 가 (58,60) 1 2 (40,42) (30) (40,42) (58,60) 가 (30) (66) (2) (1)가 16 (58) (2) (66) (2) 가 17 (32) 가 1 (68) 1 (76)

18 (32) 2 (70) (30) (2) 2 (42) (82) (32) 2 (42) (32) 가 (2) (2) 가 19 (42) 2 (56) (56) (2) (1)가 (2) (32) 가 (1)

) (1) (2) 가 (2) (2) (confirmation) (30) 가 (1) 가
 (30) (1-6) (1) (1) (66)
 (2)가 (30) (2) (1)
 (30) (2) (seamless)
 (30) 20 (2) (2)
 (62) (2) 2 (42) (32) 2가
 2 (42) 2 (80) (66)
 (60) 가 (66)
 (originating) (2)가 (32) (66) (2)
 (2)가 (32) (32) (82)
 (32) (32) 가 (82) (2)
 2 (2) (2) 2 (82) (42) 2 (2)
 (56) (42) (2) 가 (42) 2
 (2) (1-6) (2) 가 (2) 2 (32) (2) (68,70)
 21 22 (30) (30)
) (1-6) (32) (32) (1-6) I.D. (30)
 (1-6) (32) (1-6) (1-6) (2) 가 (1-6) (identify your
 self message),
 23 (30), (4) (4)
 (4)가 (1,2,3)
 (1-6) (30)

(57)

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 (addressing) ;

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8 , 1 2 1 2 가
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12, 가, .
814.
8, 3 4 가 2 .
1415.
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1516.
15, , 1, 2, 3 4 .
1617.
16, .
1718.
17, 가 .
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1, 1 1 1 ;
2 2 2 2 ;
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1 1 ; 1 1
2 2 ; , 2 2
1 2 1 2 1 2 2
, 2 ,
(sorter) .
1920.
19, 1 1 1 .
2021.
20, 2 2 2 .
2122.
21, 1 2 , , 1 2 1 2 .

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22 1 2 , 1 2 , 1 2
1 2 , 1 2

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23 1 2 1 2

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19 , 1 2

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27 1 2 , 1 2 가

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28 1 2 1 2 1 2

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30 1 1 2 2

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31 1 2

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27 1 , 3 4 가 2

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33 1 2 1, 2, 3, 4

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36 , 가
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48 , 1 2

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1 2 , 1 2 가 , 1 2 ,
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58 , , 1 2 .

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59 , 1 2 1 2 1 2 .

61.
60 , .

62.
61 , .

63.
58 , 1 2 .

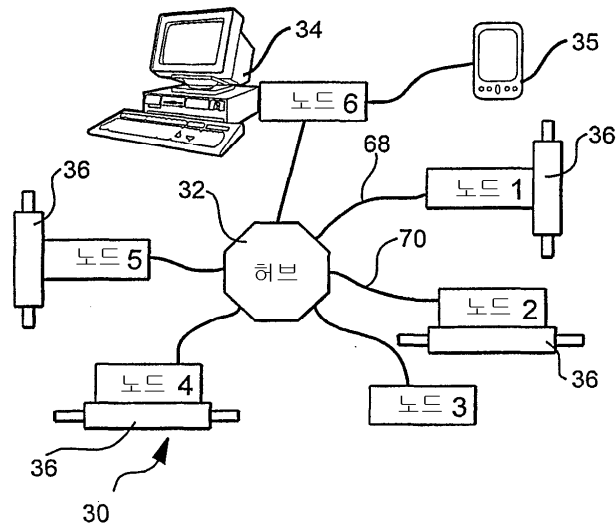
64.
63 , 가 .

65.
64 , .

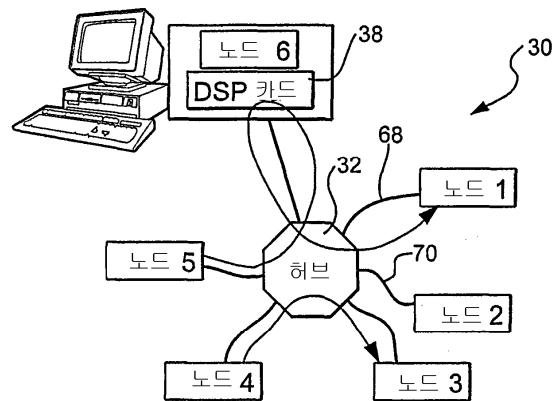
66.
65 , , .

67.
66 , .

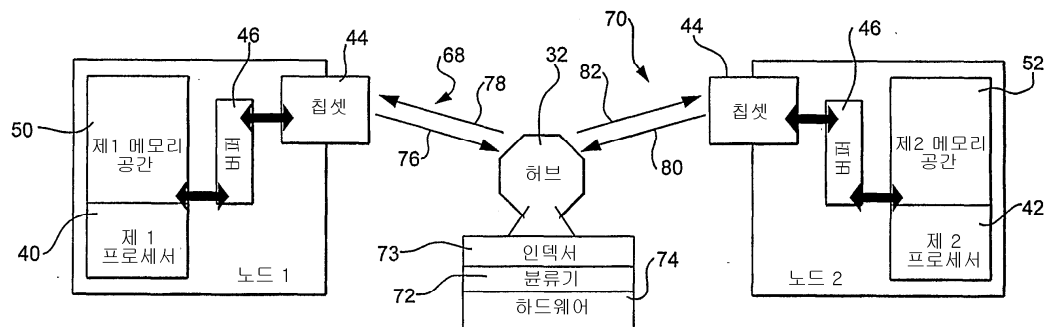
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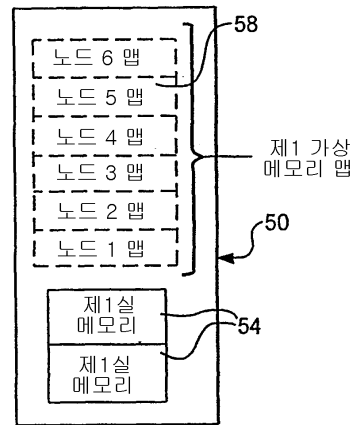
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3

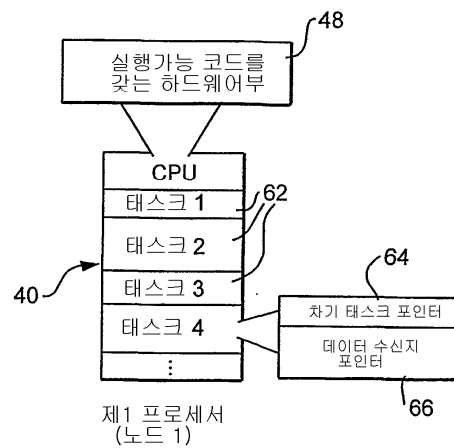


4



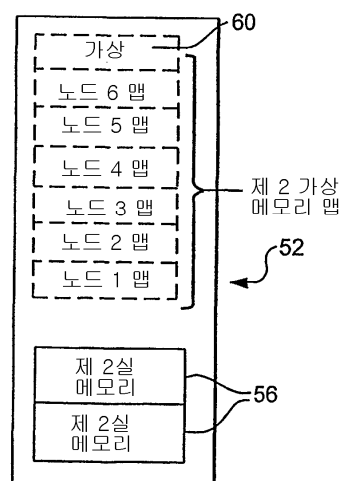
제1 메모리 공간
(노드 1)

5

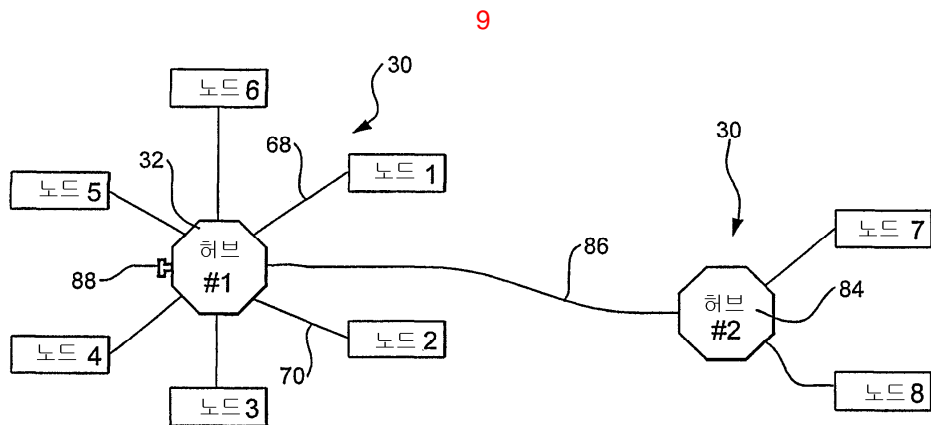
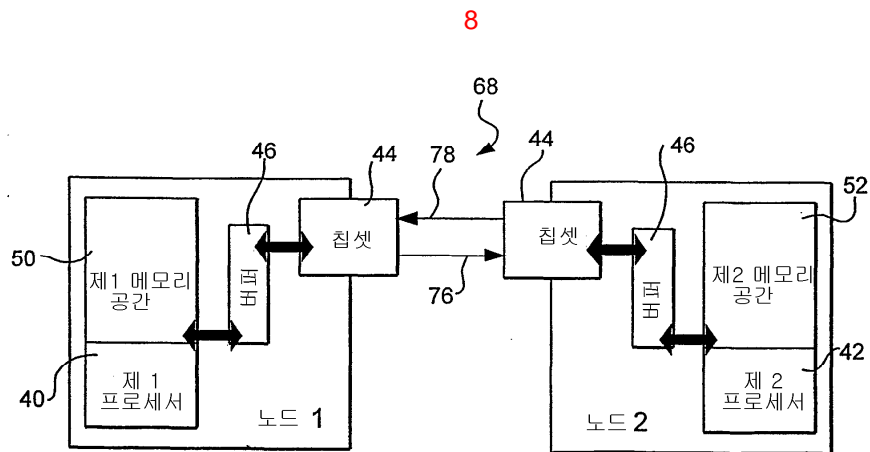
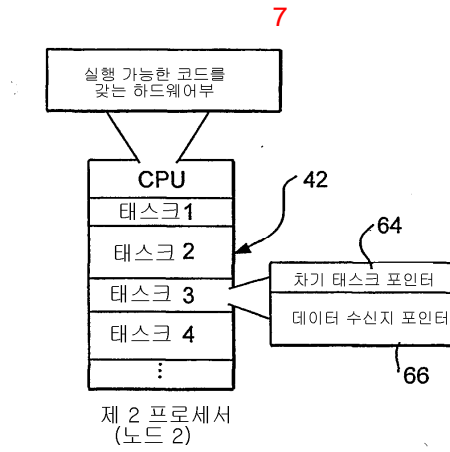


제1 프로세서
(노드 1)

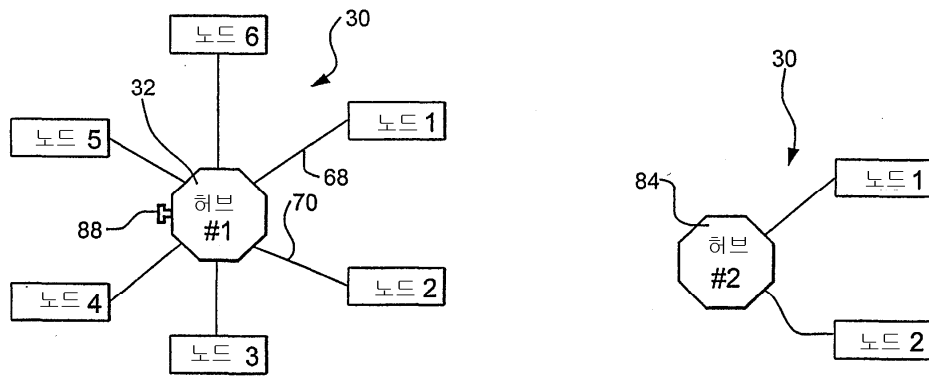
6



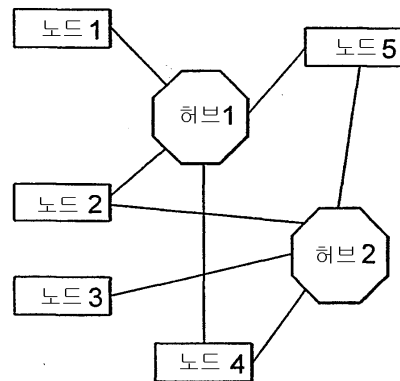
제 2 메모리 공간
(노드 2)



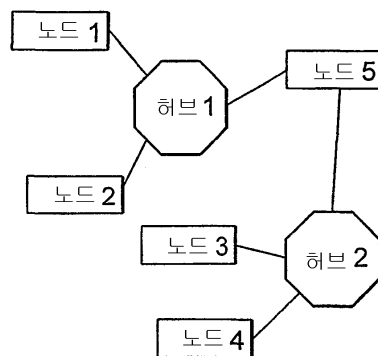
10



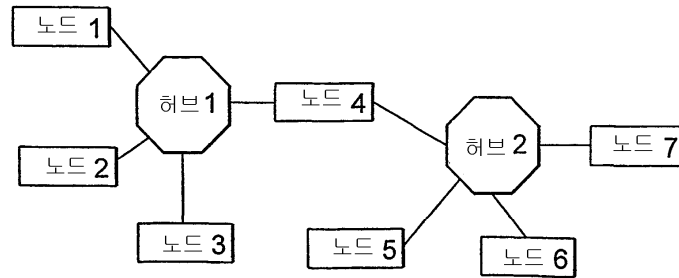
11



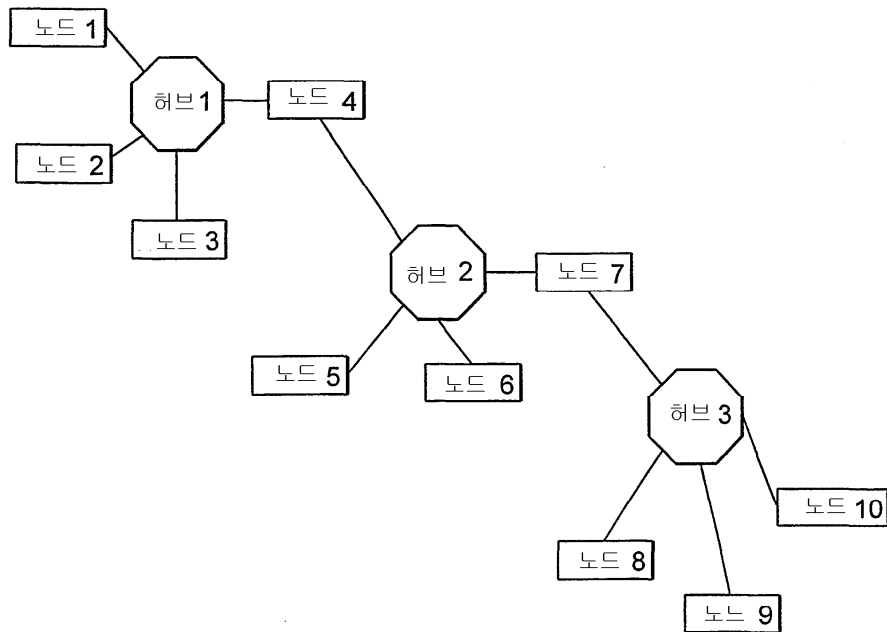
12



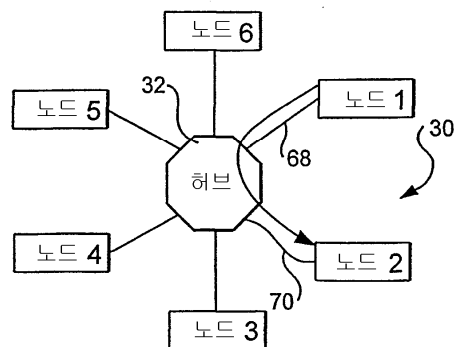
13



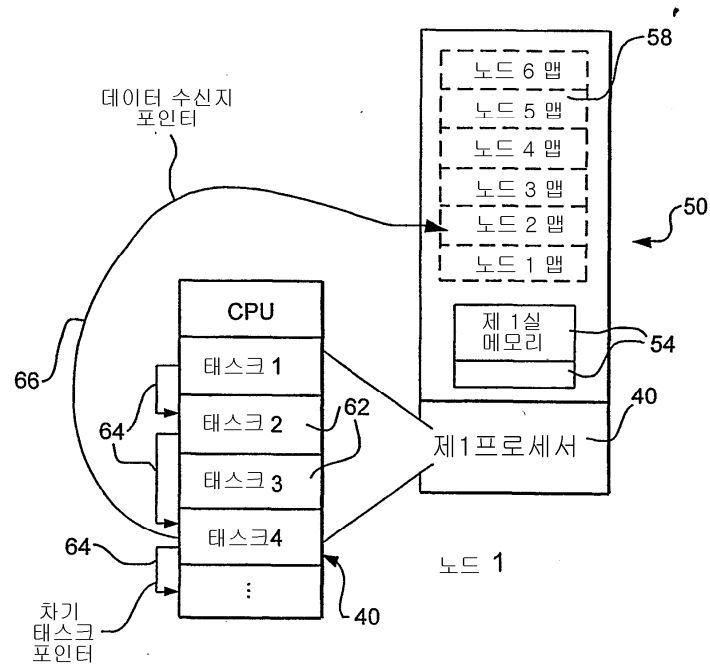
14



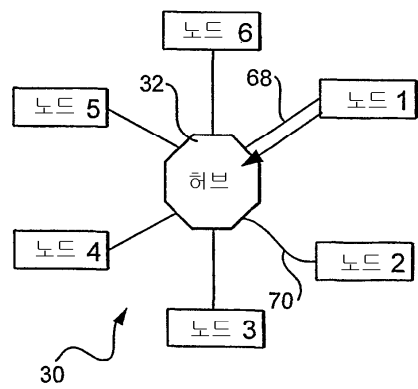
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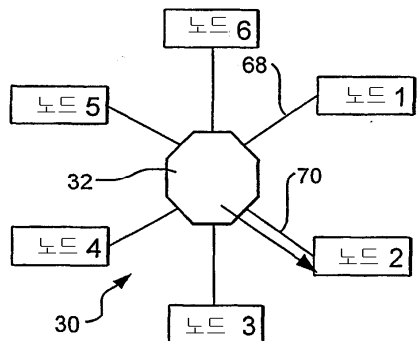
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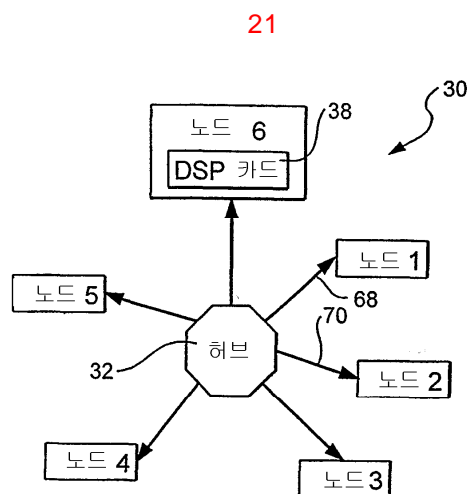
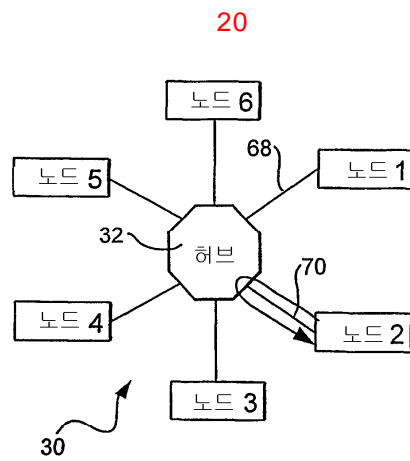
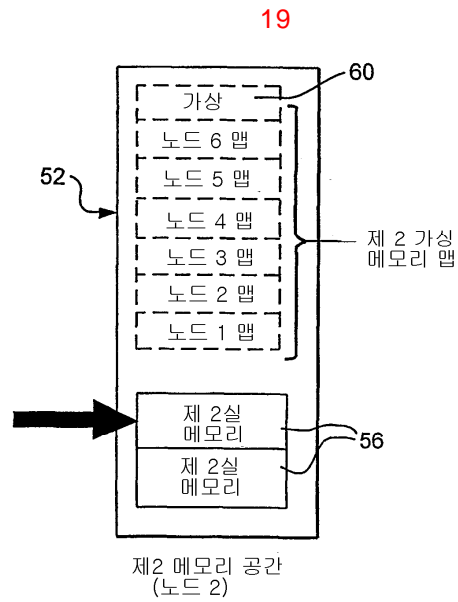


17

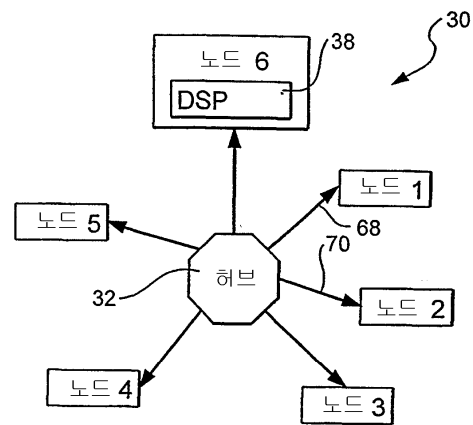


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