

(19) (KR)  
(12) (B1)

(21)	10-2000-7002791	(65)	2001-0024053
(22)	2000 03 16	(43)	2001 03 26
	2000 03 16		
(86)	PCT/US1998/14797	(87)	WO 1999/14758
(86)	1998 07 17	(87)	1999 03 25

(30) 08/931,247 1997 09 16 (US)

(73) 2200

(72) 95630 1261

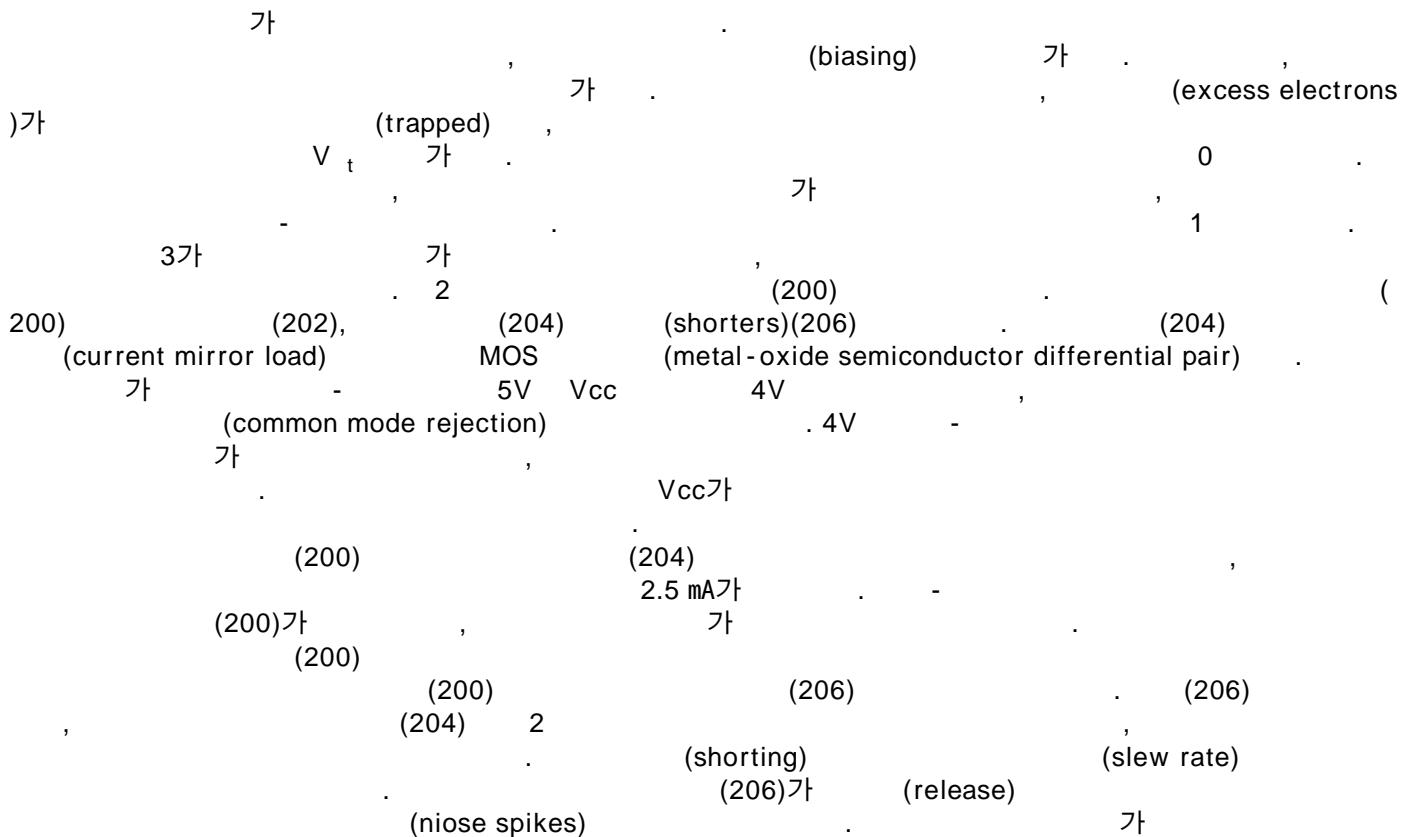
(74)

(54)

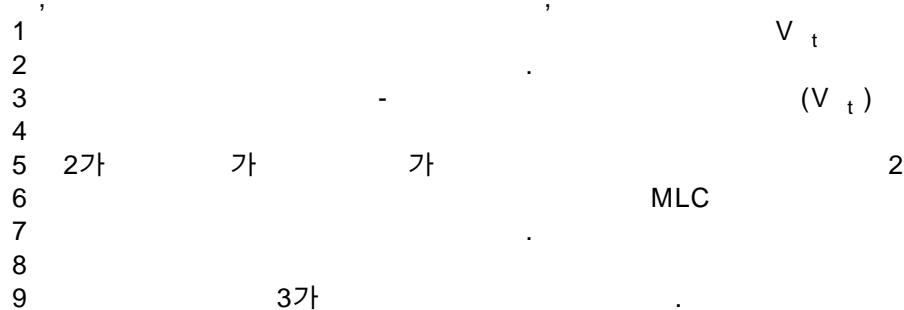
MOS 가 (800) (800)  
- (802)  
- (804) 가 (804)  
- (806) 가 (806)  
- (804), ,

7

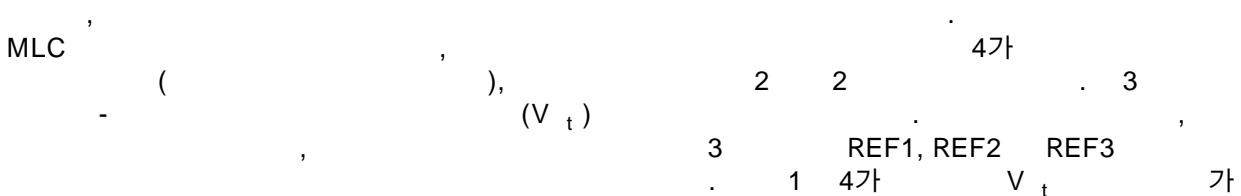
(sensing)



가 (preamplifier) 가  
가



가  
- - - (MLC) 가 MLC  
- - -



(known)  
가

REF1, REF2, REF3





, 가

(57)

1.

1 , 2  
1 , 2  
가

2.

1 ,

3.

1 , ,

4.

1 ,

5.

1 ,

6.

1 , - (MOS)

7.

2 , 가

8.

1 ,

9.

8 ,

10.

1 ,

11.

1 , MOS 가

12.

1 , 1

**13.**

1 , 3

**14.**

1 , 가

**15.**

1 , , 2  
1 , 2  
; , 가

**16.**

15 , ,

**17.**

15 , - (MOS)

**18.**

15 , 가

**19.**

15 ,

**20.**

15 , 4 가 가

**21.**

19 , 3

**22.**

15 , 100 가

**23.**

15 ,

**24.**

23 ,

**25.**

15 , ,



36.

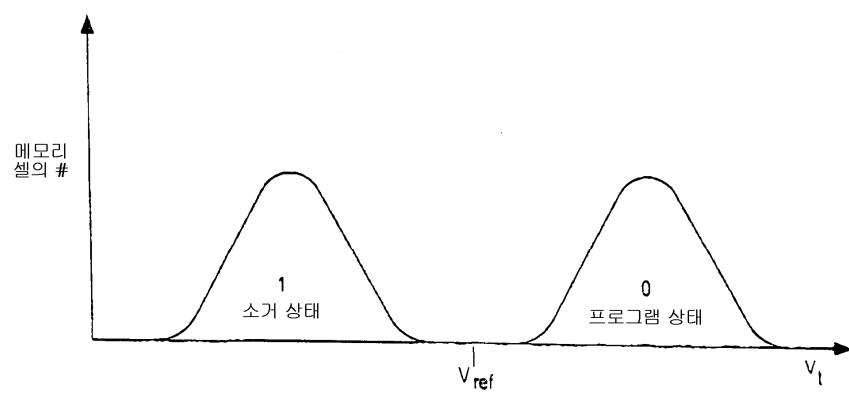
35

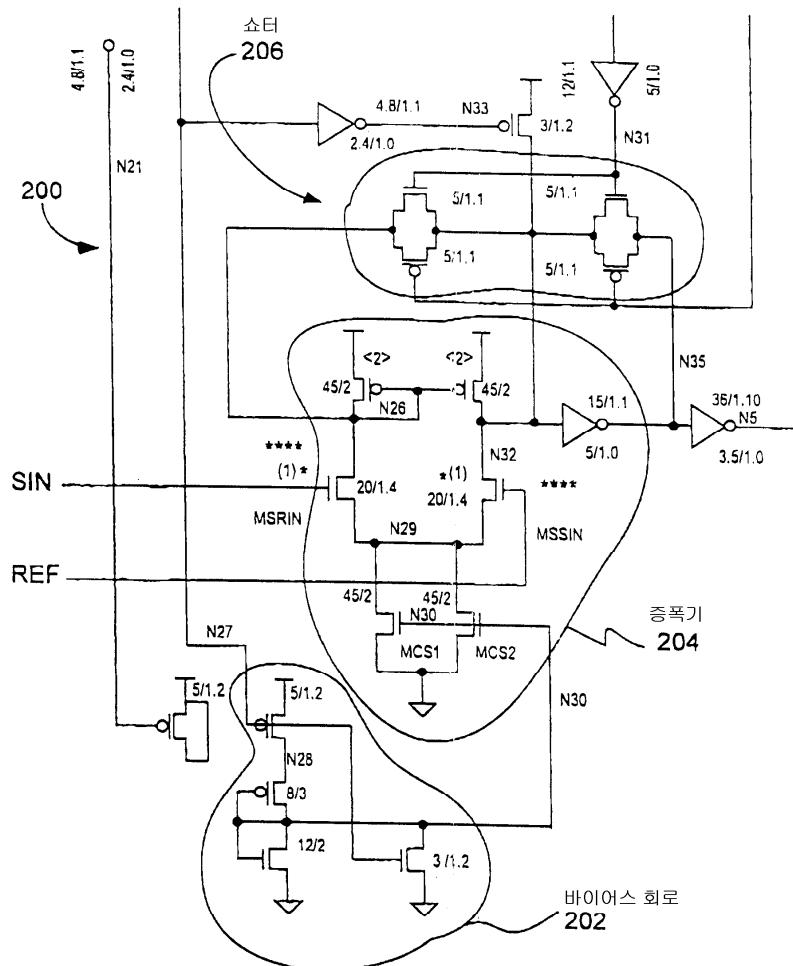
2

3

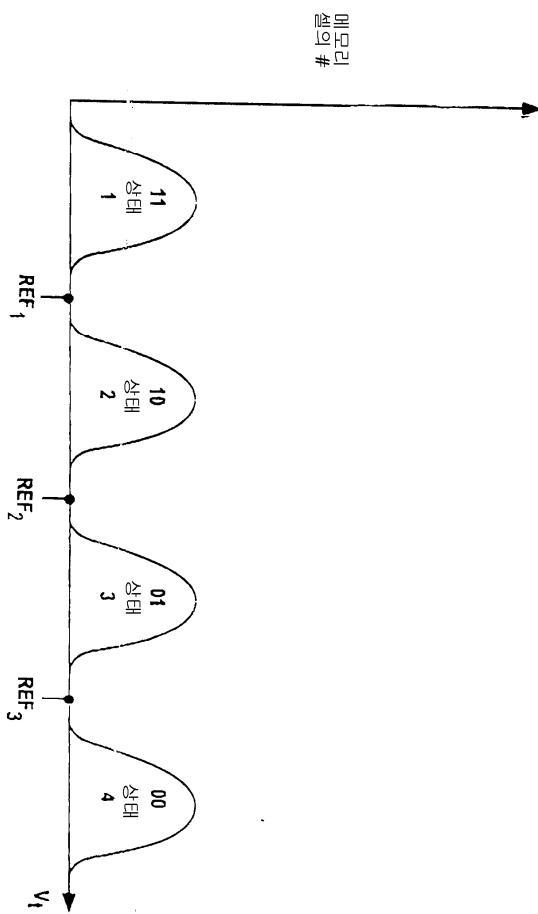
1

1

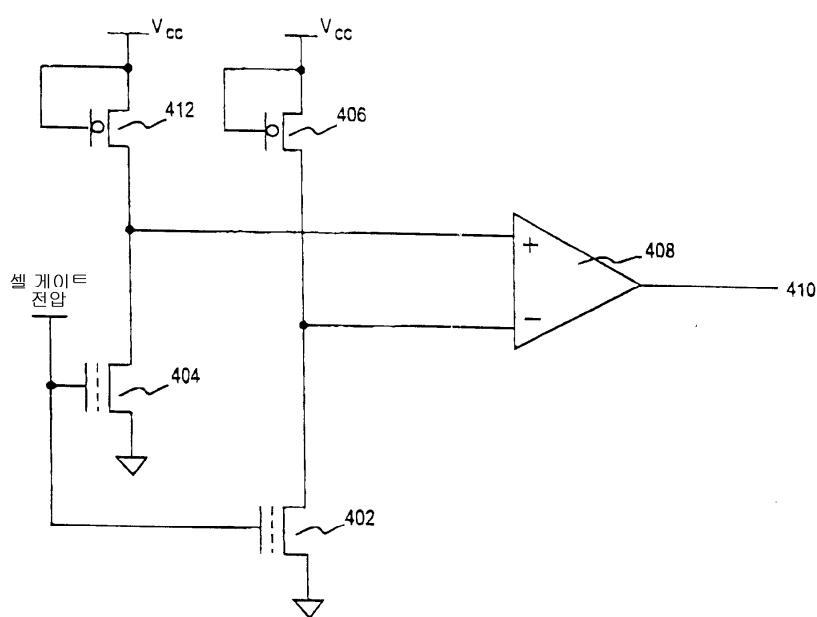




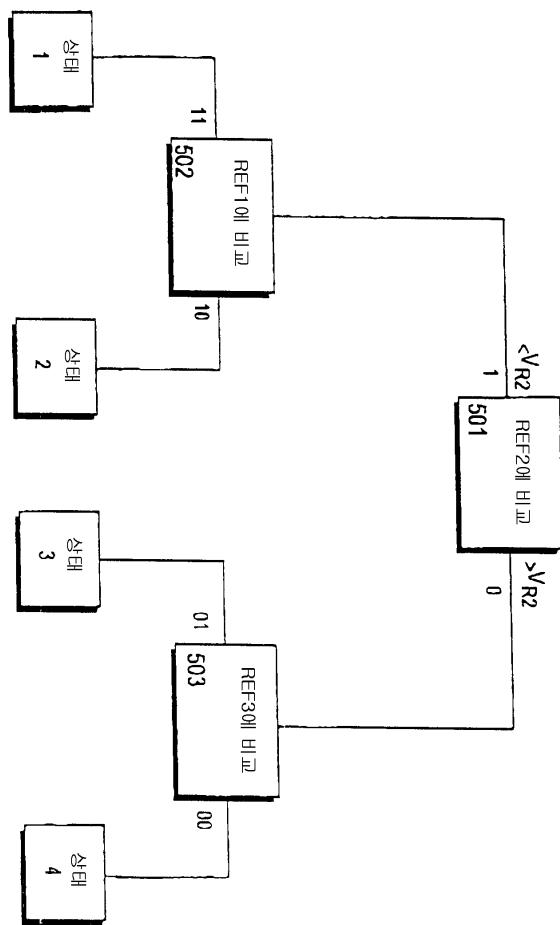
3



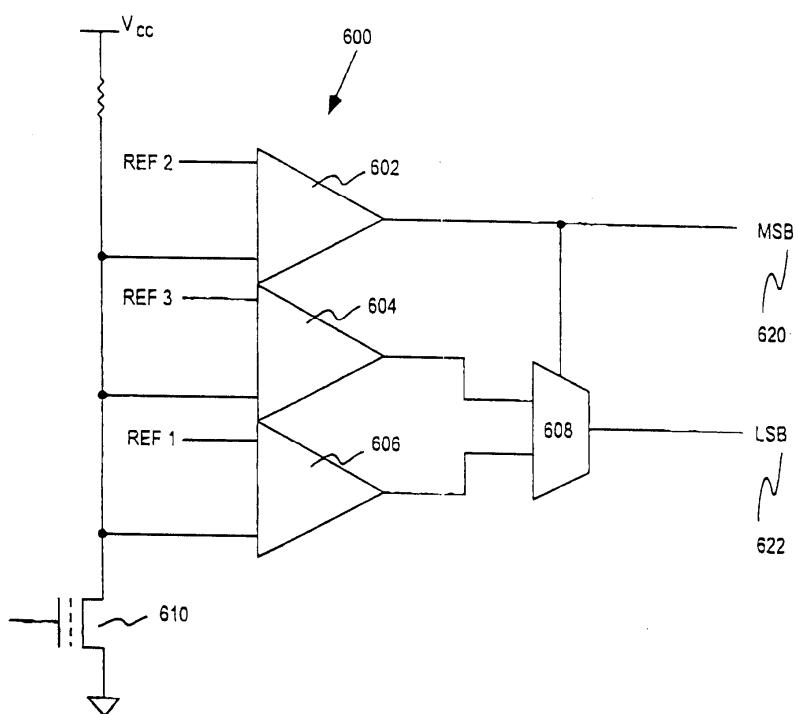
4



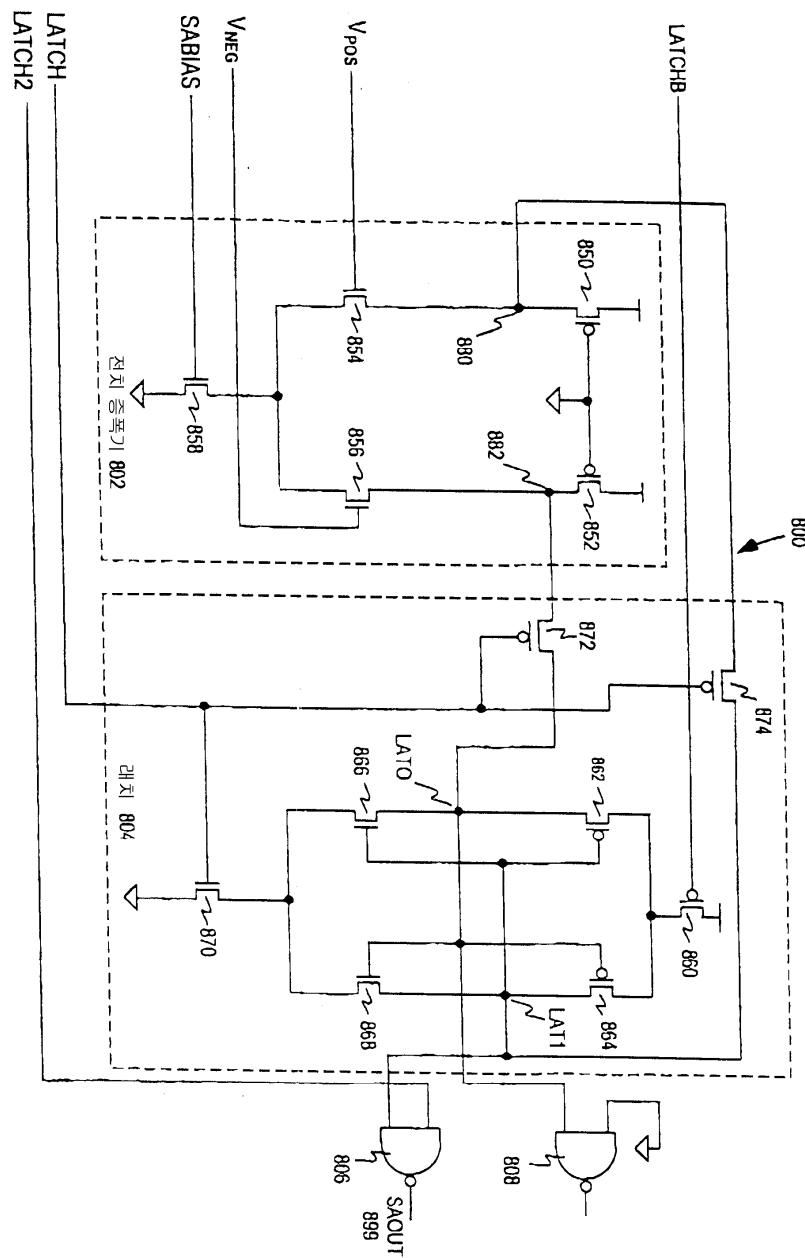
5



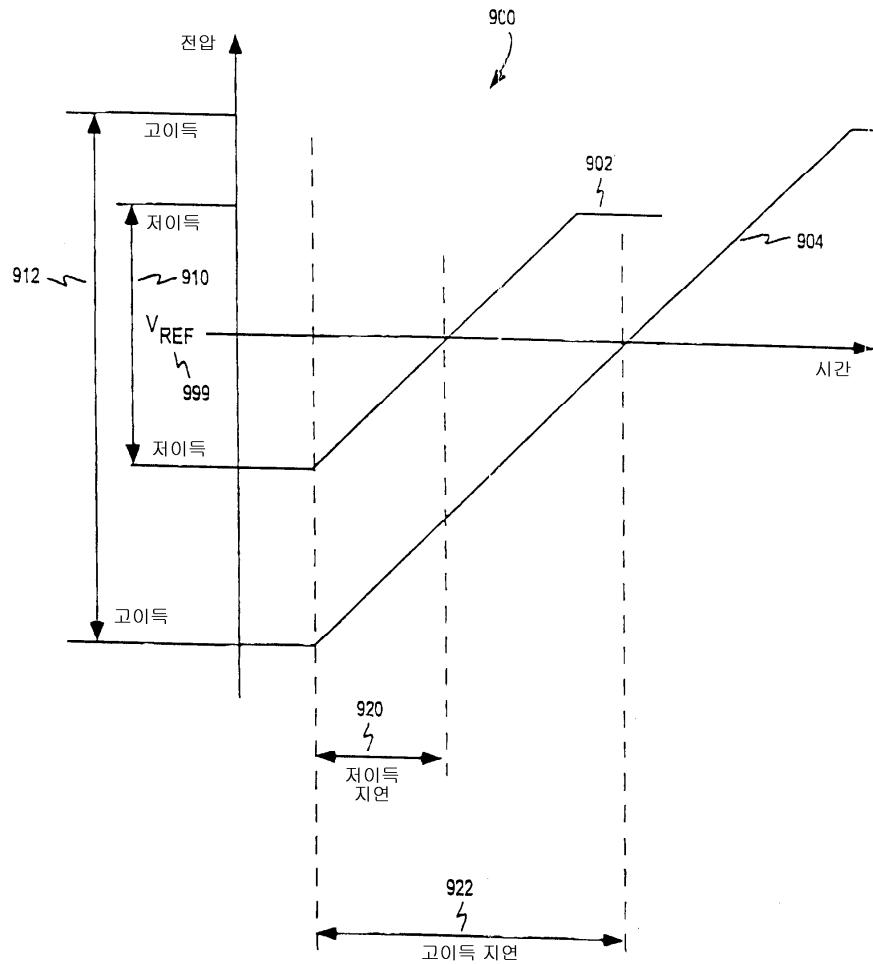
6



7



8



9

