

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

(21)	10-2004-7004557 ()	(65)	10-2004-0037178
(22)	2004 03 26	(43)	2004 05 04
(62)	10-1998-0701975 : 1998 03 17		2001 09 07
	2004 03 26		
(86)	PCT/US1996/014435	(87)	WO 1997/11328
(86)	1996 09 09	(87)	1997 03 27

AP ARIPO : www.aripo.org | www.aripo.org/aripo | www.aripo.org/aripo

(30) 08/536,593 1995 09 18 (US)
08/699,522 1996 09 04 (US)

(73) 55133-3427 33427 3

(72) 5513303427 33427

5512303427 32427

(74)

1

(54)

(22) . (16) . (10) 가 . (22) . (16) . 가

1
2 1
3 1 3-3
4
5 4
6
7
8
9
10
11
12
13
14
15
16

(基材, substrate)

(water-based)

가 (dryer) / , , , (dryer enclosure)

15 cm

1 - 2%

(wiping blade) 가

(chilled roll)

(collection pan)

가

4,365,423

가

, 2

가

가

(教示)

4009797

5-25%

(scraping blade)가

가

가

1 401 041

가

가

가

(3 , 89

92)

가

1 401 041 (2 , 126

3 , 20)

(14)

가

가

가

가

5 mm

가

(

)

가

가

5 mm

(platén)

가

(sheet)

(中實)

(Young - Laplace) , , (fin)

(rib)

1, 3, [가 ()]] 가, 가, 4, 15, 가, /

가

가

가 5 mm
1 401 041

(fin)

(scraper)가

가

가 ,
가 ,
)가 , (.)

(meniscus)

$$\Delta P = \sigma(1/R_1 + 1/R_2)$$

, ΔP , σ , R_1, R_2 , . . . , ' . (4)

1,2,4,5,9,10,11

(靜水頭)(hydrostatic head)]

7,8,10,12

가 가

6,13,14,15

가 (14) (16) (18) 가 (18)

$$) \quad (16) \quad (16) \quad (18) \quad (12) \quad (h_1) \quad 가 \quad , \quad (18) \quad , \quad (12) \quad (12) \quad ($$

3 , (12) (22) , 가
가 , (26)
, (24) . , , ,

가 , . , 3

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$$\alpha \pm \theta \leq 90^\circ$$

(Census Finn.)

[

1

1

(Static)

(24)

(A. L. Lopez de Ramos)
(1993)

가 (24) 가

(12)

가 (18)
, (h₁)
(26)

(22)

(26)

(28)

가
가

가

(57)

1.

- (a)
- (b)
- (c)
- (d)
- (e)

가 ,

2.

1

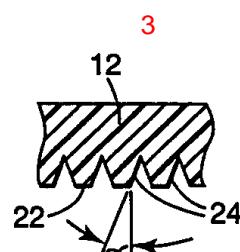
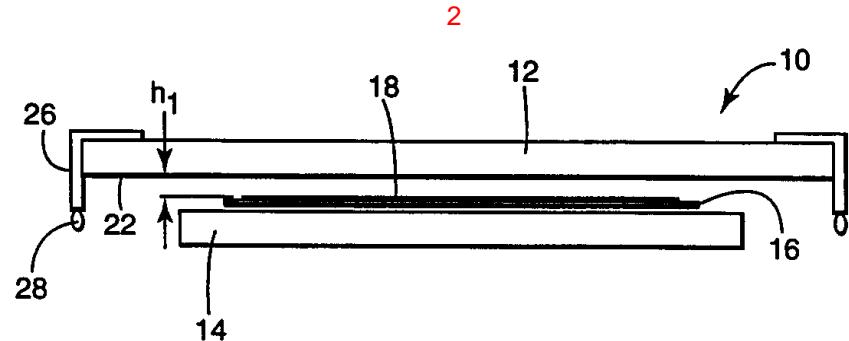
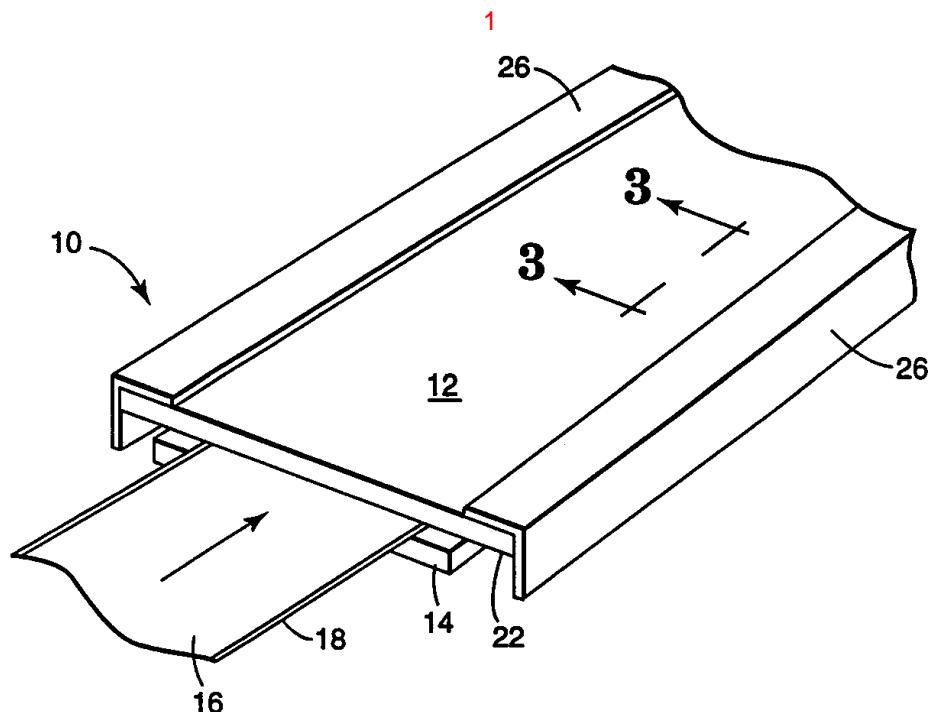
, , , ,

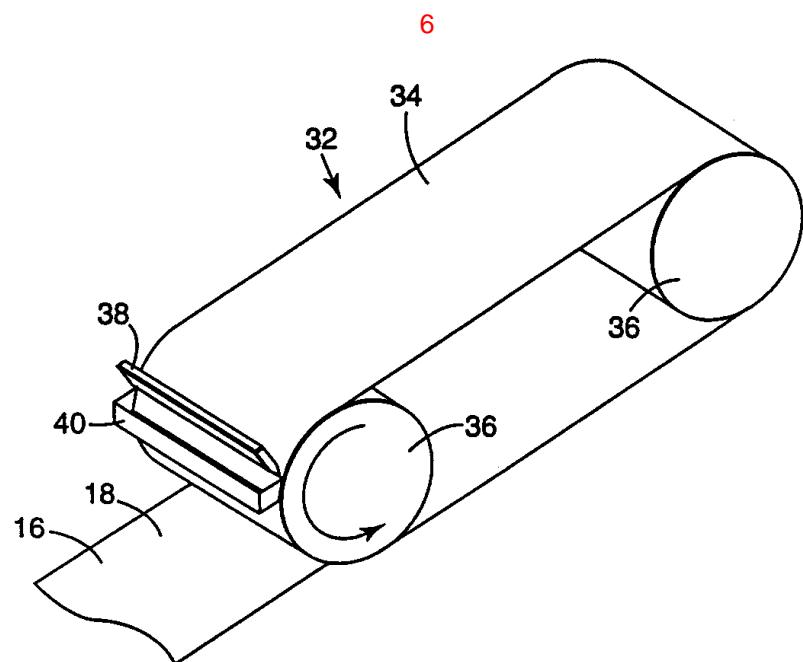
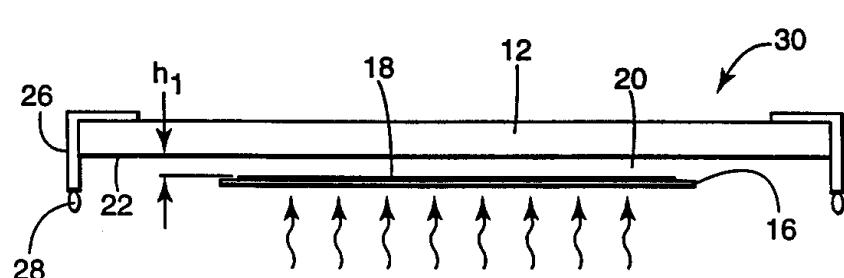
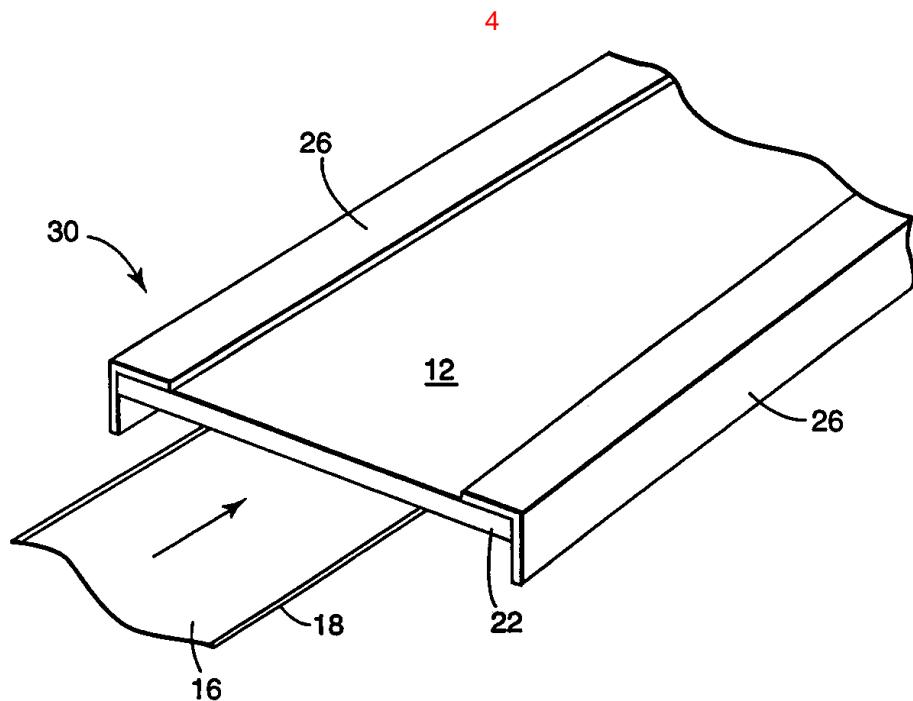
3.

1

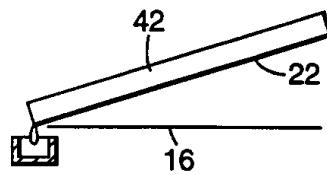
, , , ,

- (a)
- (b)
- (c)
- (d)
- (e)

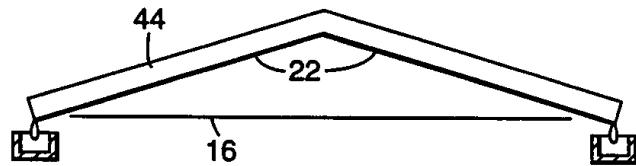




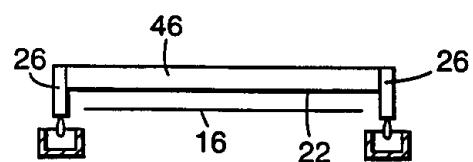
7



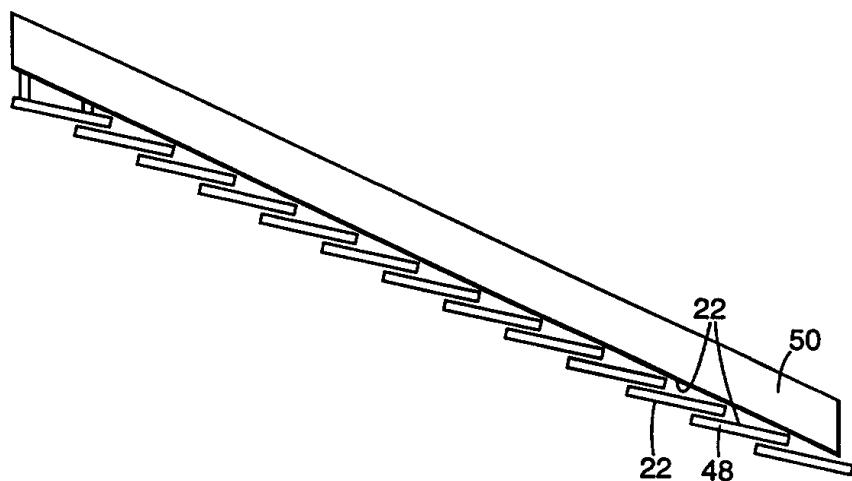
8



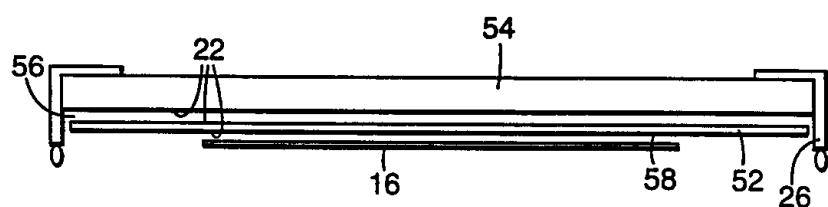
9



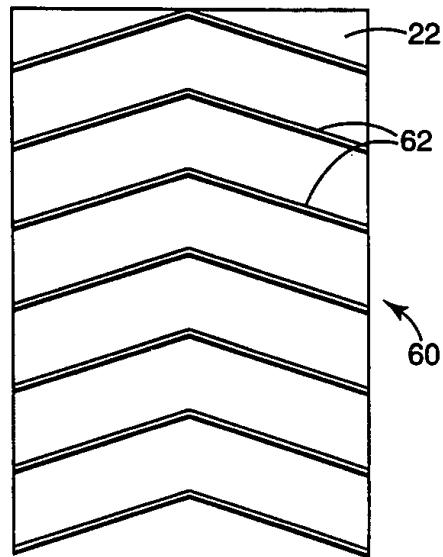
10



11



12



13

