

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

(21)	10-2000-7011995	(65)	10-2001-0043109
(22)	2000 10 27	(43)	2001 05 25
	2000 10 27		
(86)	PCT/US1999/009094	(87)	WO 1999/55273
(86)	1999 04 27	(87)	1999 11 04

(30) 98107671.4 1998 04 28 EP(EP)

(73) 45202

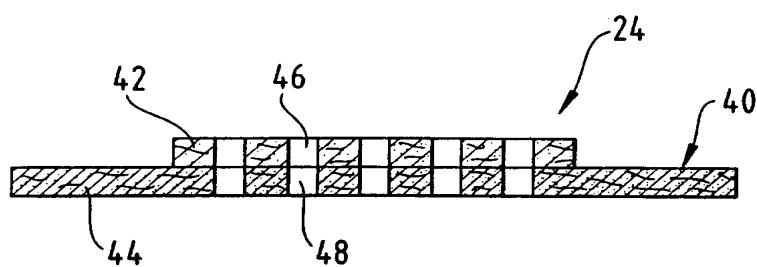
(72) - 65510 17

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(74)

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5,124,197 ; 1992 7 28 5,037,409 ; 1992 6 23 (Reising) (Bernardin) 5,134,007

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, (Suzuki) 4,704,112 2
(facing)
47,343 1992 9 22 1992 9 15 (Kellenberger) 5,149,335 5,1
가

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(spacer) 가가

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4,892,536 ; 1990 3 20 1990 1 9 (DesMarais)
(Khan) 4,968,312 ; 1991 2 5 4,909,803 ; 1990 11 6
5,037,416 ; 1991 11 5 (Aziz) (Freeland)
(Dreier) (Holt) 5,037,416 ; 1991 8 6 (Allen) 5,062,840 ; 1992 12 15
(Enloe) 0,355,740 A2 가 5,171,236 ; 1990 2 28

가
가

08/076,713 1993 6 11 (Roe)
가 1 1
2 2 1 1
가 1 1
2 2 1 1
가 1 1

1 1 1 10%
0.2mm 2 2 2 10%
0.2mm 2 2 1 1
2 1 2 1

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" 가 (Contractible Side Portions for Disposable Diaper)" 3

860 003 : 1992 9 29 (Contractible Side Portions for Disposable Diaper)

(Absorbent Article With Dynamic Elastic Waist Feature Having A Predisposed Resilient El

(Absorbent Article With Dynamic Elastic Waist Feature Having A T-Endlessized Resilient Fit

sexual things) (28) 가

(28) 가

(coform) 가

“*It is the first time that I have seen such a large number of people gathered together in one place.*”

(28) *See* *id.* at 100; *see also* *id.* at 101-02 (noting that the term "public" has been used in a broad sense).

가	(28)	(28)	(28)	(20)
(28)	1986 9 9	(Weisman)	"	
(High-Density Absorbent Structures)"		4,610,678 ; 1987 6 16		
"	(Absorbent Articles With Dual-Layered Cores)"			
4,673,402 ; 1989 12 19	(Angstadt)	"		
(Absorbent Core Having A Dusting Layer)"		4,888,231 ; 1989 5 30		
(Alemany)	"			(High Densit
y Absorbent Members Having Lower Density and Lower Basis Weight Acquisition Zones)"				
4,834,735				
(26) 가	(28) 가	,	,	()
가)	,	,	,
,	(26)	,	,	,
,	(28)	,	,	,
(H. B. Fuller Company)		HL-1258		
"	가	1986 3 4		(Minetola)
986	(Disposable Waste-Containment Garment)"			4,573,
9 6 27	3,911,173 ; 1978 11 22	1975 10 7		(Sprague, Jr.)
	(Ziecker)			4,785,996 ; 198
	(Werenicz)		4,842,666	
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(26) (:)	,	가	,	"가"
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가) (26) (28)	,	(20)	(:	,
가), (26) (28)	,	,	,	,
(26) 0.012mm(0.5mil)	0.051mm(2.0mil)	가	,	,
RR8220	RR5475	가	,	(26)
/				(26)
1 2 , (24)	(26)	(26)	(26)	(28)
, (24) (24)	(26) 2	(28)	(28)	,
, (24) (24)	(26) 2	(42 44)	(40)	1 (42)
42)	,	1		1 (
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1 18	5 100gsm,	5 60gsm	1 1 (42)	
0.1 5.0mm,	0.1 2.0mm	0.1 2.0mm	1 1 (42)	
1 (42) 0.2mm 2	2.0mm 2	0.5mm 2	1.0mm 2	
, 가 2.0mm 2	,	,		
1 (42) 10% 0 255	15% 255	18 (46)		
25%				
20% , 가				

		(%)		(%)
			(spreadsheet)	
	(frame grabber board),			
가	VH50		(Data Translation)	가
			(Keyence Company)	DT2855
			VH5900	가
				,
	가			,
		(BioScan Company)	가	3.1
	(Optimas Image Analysis software)			
가	(Microsoft Corporation)	가	3.0	(Windows software)
, 486 DX33	(Intel) 80386	CPU	가	PC가
50				PVM-1343MO
	5.8mm × 4.2mm		10	가
	(mat board)			16 4
	(Eastman Kodak Company)	가		(Kodak Gray Scale)
	(wedge)			0.3
11 ± 1		가 10 ± 1		가 1
	가			,
			18	
		가		
			(ruler)	mm
3.1	3 × 3			
0	18			
			5.8 × 4.2	가
				가
	(%)	0	18	(%)
19				
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	(%)	(%)		
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10				(%)
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	(%)			,
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	0.05mm ²	가		
				10
1	(42)	(46)	가	
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				(46)
2	(44)		가	2 (44)
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1 2 (252) (240) (240) (252)
 . 5 , (270) 가 , (240)
 . , (282 284) (280) (282 284) (282 284)
 . (282 284) (先端; peripheral) (254 260) , 가
 (280) , (240) (take-up) (290) (300) (300) (358) 가
 6 , 4 (254) (356) (140) (200) (400) 1 1 (442) 2
 (254) (356) (452) (452) (452) (444) (445) (442) (445) (490)
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 (444) , (454 460) (443) 2 7 (444) 2 (444) 1 (442) (445) (490)
 , , , , , , , ,
 (hydroaperturing) (needlepunching)
 (20) () 가
 . (.) 3,860,003 , ,
 (가) 가 " (20) 19
 90 3 20 " (Disposable Absor
 bent Article Having Elasticized Flaps)"
) 가 " (20) 1987 9 22 (La
 wson) " (Absorbent Article Having Dual Cuffs)"
 4,695,278 가 (20)
 (20) () 가 (20),
 (20) 2 (28) 가
 , 2 (29) , ,
 (20) (26) (24), (26) (20)
 (26) (34) , 1985 5 7 (24)
 4,515,595 07/715,152
 (20) 1 (27) 2 (29) (20)
 (36) , 1989 7 11 (Scripps)
 (Disposable Diaper Having An Improved Fastening Device)"
 4,846,815 ; 1990 1 16 가 (Nestegard) "
 (Disposable Diaper With Improved Hook Fastener Portion)" 4,894,060 ; 1990
 8 7 (Battrell) " (Pressure-Sen
 sitive Adhesive Fastener And Method of Making Same)" 4,946,527 ; 1974 11
 19 " (Tape Fastening System for
 Disposable Diaper)" 3,848,594 ; 1987 5 5 (Hirotsu)
 " (Absorbent Article)" B1 4,662,875 ;
 07/715,152
 (20) , 2 (29),
 (20) 가 , ,
 (27) (36)

(20)
가)

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(57)

1.1 10%
10%1 0.2mm
0.2mm

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2.**3.**1 ,
1**4.**1 3 ,
2**5.**1 3 ,
2 1**6.**1 3 ,
1 2 15%**7.**1 3 ,
1 2 20%**8.**1 3 ,
1 2 1.0mm**9.**1 3 ,
1 2 2.0mm**10.**1 3 ,
2 1**11.**

1 3 ,

12.

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가

