



(3)

[연재 일정 안내]

2006. 1		(1)	1
		(1)	
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2006. 2		(2)	2
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2006. 3		(3)	3
		(3)	
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2006. 4		(4)	4
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2006. 5		(1)	1
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2006. 6		(2)	2
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2006. 7		(3)	3
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2006. 8		(4)	4
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2006. 9	U-	(1)	1
		(1)	
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2006. 10	U-	(2)	2
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	() (2)	
		(2)	
2006. 11	U-	(3)	3
		(3)	
	() (3)	
		(3)	
2006. 12	U-	(4)	4
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(<http://www.patentmap.or.kr/>)

가

. < 4>

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가

		JP2000-333420	JP2001-126473
		JP2001-252915	JP2002-368665
		US2003-468396	US2002-314425
		KR2004-0051548	
		JP2003-075578	JP2001-318495
		JP1999-103071	KR2001-080831
		US2002-225287	
		JP1999-021583	JP2000-351897
		JP2002-073386	KR2002-0013634
		KR2003-7005576	
		US2002-308103	
		US2002-749360	EP2001-0302591
		KR2003-0008287	JP2002-0077673
	/	US1985-739676	US1988-193551
		US1984-680759	US1992-995230
		US1987-60941	JP1999-299449
		KR2000-7013955	
		JP2002-002499	

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< 5> -

,
, shared control
. VR(Virtual Reality)
2000
, telepresence
, (unilateral)
, (bilateral)
, compliance
, Haptic device hand-hold, exoskeleton, (force display)
. 가
가 가

, simulation
, shared control
. VR(Virtual Reality)
telepresence
, 가
, 가
. 가

< 6> -

		US2000-651315 KR2002-0014190 KR2002-0048633	KR2003-0028312 JP2003-274393
	-	JP1988-303437 JP1989-217060 JP1989-322652 US1988-264326 EP1989-305136 KR1993-7003647	JP1991-103831 US1992-912955 JP1992-104150 JP1994-012144 JP1994-273223 US1997-827144
	Haptic device	US1986-931269 US1989-396476 US990-608658 JP1993-17806	US1994-241157 US1996-734967 KR1997-73911 US1997-17145 US1999-8190
		JP1986-131298 JP1988-97753 US1988-151908 JP1989-189603	JP1990-5856 US1990-522949 JP1994-249855 KR1999-14350
/		JP1987-255682 JP1989-204027 JP1990-326728 JP1991-236716	JP1992-70326 JP1994-100526 KR1997-7000351 JP2001-358873 US2002-202014

< 5 >

<p>intention/recognition</p> <p>emotion</p> <p>, self artificial</p> <p>가</p>	<p>, actuator</p> <p>가</p> <p>가 가</p> <p>가</p>
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		JP1997-363122 JP1999-308160	JP1999-373783 KR2003-48006
		JP2000-022224 KR2001-082810 KR2002-005963 JP2002-106538	US2002-320982 US2003-347811 JP2003-079145
		JP1997-093380 US2000-487159 KR2000-7005011	EP2001-119055 JP2002-291837 KR2003-64545
		KR2003-16125 EP2000-311701	EP2002-702830
		JP2001-270849	JP2002-001079

< 6> -

<p>가 .</p>	<p>가 .</p>	<p>< 7> .</p> <p>3 .</p> <p>< 8> .</p> <p>< 9> .</p>
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10-2000-7005011	10-2000-7013955	10-2001-0061643	10-2003-0064545
가 .	가 .	5011 1 " " " " " " 1 가 .	가 . 5011 가 .

< 7>

10-2001-0082810	10-2002-0005963	Omron Corp. 特開平11-175132
	10- 2001-0082810	82810
,	가 .	3
10-2002- 0005963	10- 2001-0082810	
	가 .	5963

< 8>

<p>, ,</p> <p>,3가</p> <p>가 ,</p>	<p>가 ,</p> <p>가 “</p> <p>”</p>
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KR2003-0008287	10-2003-7005576	10-2002-0013634	NEC US 6819978
	가	,	가
	,		
	가		
	가		
	KR2003- 0008287		가
	가		KR2003- 0008287
			가

< 9>