

PATENT SCHEDULE of granted patents and published patent applications

Introduction

Contra Vision Ltd is an intellectual property company which sells its see-through graphic inventions and licenses patents, trade marks and secret know-how related to one-way vision and other vision control panels. Its Vision Management System™ is based on two dominant patent families for the two basic types of see-through graphics:

US RE37,186, GB 2 165 292 and family member patents in 21 countries. These typically expired in July 2005.

These patents disclose Contra Vision® panels with an opaque "print pattern" ("silhouette pattern") on which is superimposed a design, the design being visible from one side of the panel but not from the other side of the panel. Although now expired, nearly all the vision control products that were covered by these patents continue to be covered by our improvement patents in the following schedule.

US 6,212,805, EP 0 880 439 and family member patents in 17 countries.

Contra Vision® BACKLITE™ panels with a translucent "print pattern" ("base pattern") on which is superimposed a design visible from one side, a reverse (mirror) image of which is typically visible from the other side, which are capable of rear illumination or rear projection.

The patent portfolio includes many improvement patents and patent applications for see-through graphic products and their methods of production.

Contra Vision Ltd welcomes questions on its patent portfolio and how patents cover particular vision control panels – UK +44 161 439 9307

CONTRA VISION LTD PATENT SCHEDULE

Updated 10.03.15

PATENT FAMILY	TITLE	COMMENTS
0. GB 2,118,096	Transparent Panel (<i>Safe-Screen</i> [™]) (<i>expired</i>)	One-way vision, no graphic
1. US RE37,186	Unidirectional Panel (<i>Contra Vision</i> [®]) (<i>expired</i>)	Dominant Patent, Type A products
2. US 6,212,805	Panel with Light Permeable Images (<i>Contra Vision</i> [®] BACKLITE [™])	Dominant Patent, Type B products
3. US 4,925,705	Improvements in or relating to printing (<i>expired</i>)	exact registration printing
4. US 5,858,155	Method of Forming a Perforated Adhesive Assembly	Replacement Liner
5. US 6,210,776	Partial Printing of a Substrate (Through Combination)	Overlap Registration System [™] (ORS [™])
6. US 6,552,820	Partial Printing of a Substrate (<i>lapsed</i>)	Print Pattern Trip Method (ORS [™])
7. US 7,087,291	Partial Printing of a Substrate with Edge Sealed Printed Portions	Overlap Registration System [™]
8. US 6,267,052	Printing with Differential Receptivity	exact registration printing
9. US RE43,855	Printing with Differential Adhesion	exact registration printing
10. US 6,824,639	Partial Imaging of a Substrate with Superimposed Layers	ceramic ink ablation
11. GB 2,375,449	Public Telephone Structure with Security Camera	UK only
12. EP 1,549,498	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	ceramic ink frit-loaded
13. GB 2,411,512	Illumination Assembly (at payphone kiosks) (<i>abandoned</i>)	UK only
14. US 8,500,268	UV Inkjet Printing of Vision Control Panels	UV inkjet (ORS [™])
15. US 8,136,278	Electroluminescent One-way Vision Panel	Contra Vision [®] EL [™] sign system
16. US 11/485,963	Method of Providing See-through Advertisements on Retail Display Cabinet Doors	Business Method
17. PCT/IB2006/004217	Method of Making a Vision Control Panel using Cut Film	Contra Vision [®] <u>Stripes</u> [™]
18. EP 2,001,668	Partial Printing of a Substrate using Metallization	PPM Type I exact registration
19. EP 2,097,269	Improvements to Printing Superimposed Layers	PPM Type II exact registration
20. PCT/IB2008/050869	Inkjet Printing Partially Imaged Panels with Superimposed Layers (<i>lapsed</i>)	Cylindrical UV Inkjet (ORS [™])
21. US 8,245,424	Alternating Sign	Contra Vision [®] AS [™] sign system
22. US 8,065,829	Sign Assembly	Trapeze [™] sign system
23. US 8,394,477	Vision Control Panel Assembly with a Contrasting Colored Liner	<u>Grayliner</u> [™] (all technologies)
24. EP 2,370,268	Printing Layers of Ceramic Ink in Substantially Exact Registration by Differential Ink Medium Thermal Expulsion	ceramic ink stencil method and 2 other methods.
25. PCT/IB2012/001352	Open Perforated Material and Method of Imaging To Form a Vision Control Panel	WYSIWYG when printed
26. PCT/IB2013/001039	Perforated Adhesive Assembly with Removable Non-Perforated Bonding Layer.	

Note: expired or abandoned patents in italics

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
2. Contra Vision® BACKLITE™ (inventor G Roland Hill)							
GB9600247.2	Panel with Light Permeable Images	05.01.96					
PCT/GB97/00020	Panel with Light Permeable Images	06.01.97		WO97/25213	17.07.97		
Australia 13864/97	Panel with Light Permeable Images	06.01.97		AU1386497	01.08.97	AU723729	21.12.00
Australia 72075/00 (Divisional)		07.12.00				AU765984	22.01.04
Canada		06.01.97		CA2242640	17.07.97	CA2242640	24.10.06
EPC 97900273.0	Panel with Light Permeable Images	06.01.97		EP0880439	02.12.98	EP0880439	12.06.02
Austria	"					0880439	
Belgium	"					0880439	
Denmark	"					0800439	
Eire	"					0880439	
France	"					0880439	
Germany	"					0880439	
Italy	"					0880439	
Netherlands	"					0880439	
Portugal	"					0880439	
Spain	"					ES 2178748 T3	
Sweden	"					0880439	
Switzerland/ Liechtenstein	"					0880439	
United Kingdom	"					0880439	
Japan 524963/97	"	06.01.97		JP2000502967	14.03.00	JP3455854	01.08.03
USA 09/101,238	"	06.07.98				US6,212,805	10.04.01

Contra Vision® BACKLITE™ is a trade mark of Contra Vision Ltd

This is the dominant patent for one-way vision, see-through graphics, with a translucent "base pattern", manufactured by any method.

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
3. EXAPRINT (inventor G. Roland Hill)							
See Expired Patents							
4. REPLACEMENT LINER Perforated Materials (inventors G Roland Hill and W Voss)							
GB 9426401.7	Perforated Adhesive Assembly	30.12.94					
PCT/GB96/00002	"	02.01.96		WO96/20840	11.07.96		
Australia 43120/96	"	02.01.96		AU4312096	24.07.96	AU695758	20.08.98
Canada 2208716	"	02.01.96		CA2208716	11.07.96	CA2208716	23.05.00
EPC 96900029.8	Method of Forming a Perforated Adhesive Assembly	02.01.96		EP0800462	15.10.97	EP0800462	08.11.00
Austria	"					0800462	
Belgium	"					0800462	
Denmark	"					0800462	
France	"					0800462	
Germany	"					0800462	
Greece	"					0800462	
Eire	"					0800462	
Italy	"					0800462	
Netherlands	"					0800462	
Portugal	"					0800462	
Spain	"					0800462	
Sweden	"					0800462	
Switzerland	"					0800462	
United Kingdom	"					0800462	
Japan 520808/96	Perforated Adhesive Assembly	02.01.96		JPH10511901	17.11.98	JP3111239	22.09.00
USA 08/849,054	Method of Forming a Perforated Adhesive Assembly	02.01.96				US5,858,155	12.01.99

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
5. Contra Vision® ORS™ “THROUGH COMBINATION” Method (inventor G Roland Hill)							
GB9521797.2	Partial Printing of a Substrate	24.10.95					
PCT/GB96/02600	Partial Printing of a Substrate	24.10.96		WO97/15453	01.05.97		
Australia 73169/96	Partial Printing of a Substrate	24.10.95		AU7316996	15.05.97	AU724270	11.01.01
EPC 96935074.3	Partial Printing of a substrate	24.10.96		EP0858399	19.08.98	EP0858399	06.06.01
Austria	"					0858399	
Belgium	"					0858399	
Denmark	"					0858399	
Eire	"					0858399	
Finland	"					0858399	
France	"					0858399	
Germany	"					0858399	
Greece	"					DE 69613233T2	
Italy	"					0858399	
Netherlands	"					0858399	
Portugal	"					0858399	
Spain	"					ES 2159761T3	
Sweden	"					0858399	
Switzerland	"					0858399	
United Kingdom	"					0858399	
USA 09/051,921	Partial Printing of a substrate	24.10.96				US6,210,776	03.04.01
6. “PRINT PATTERN TRIP” Method (inventor G Roland Hill)							
Decision taken to lapse.							
7. Contra Vision ORS™ “EDGE SEALED” Method (inventor G. Roland Hill)							
PCT/IB02/01549	Partial Printing of a Substrate with Edge Sealed Printed Portions	18.01.02		WO02/070269	12.09.02		
South Africa 2002/7417	"	18.01.02				ZA2002/7417	26.05.04
Australia 2002256841	"	18.01.02				AU2002256841	05.01.07
EPC 20020726362.3	Partial Printing of a Substrate with Edge Sealed Printed Portions	18.01.02		EP1392526	03.03.04	EP1392526	10.03.10
France	"					1392526	
Germany	"					1392526	
United Kingdom	"					1392526	
USA 09/764,276	Partial Printing of a Substrate with Edge Sealed Printed Portions	19.01.01				US6,506,475B1 Reissued as RE40,024	14.01.03 22.01.08
USA 10/466,537	"	19.12.03		US2004/0091680	13.05.04	US7,087,291	08.08.06

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
8. Printing with DIFFERENTIAL RECEPTIVITY (inventors G. Roland Hill and M.D. Godden)							
PCT/GB97/01175	Printing with Differential Receptivity	30.04.97					
PCT/GB97/02788	Method for Forming Durable Images on Substrates	24.10.97		WO98/17480	30.04.98		
EPC 97944984.0	Method for Forming Durable Images on Substrates	24.10.97		EP0934169	11.08.99	EP0934169	17.04.02
United Kingdom	Method for Forming Durable Images on Substrates					EP0934169	
USA 09/297,020	Printing with Differential Receptivity	22.04.99				US6,267,052	31.07.01

9. Printing with DIFFERENTIAL ADHESION (inventors G. Roland Hill and C. Parry)
(UV ink)

Provisional Application No	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
USA 60/350,018	Printing with Differential Adhesion	23.01.02					
USA 10/349,169	Printing with Differential Adhesion	23.01.03		US2004/0045937	11.03.04	US6,899,775 Reissued as RE43,855	31.05.05 11.12.12
PCT/IB03/00555	Printing with Differential Adhesion	23.01.03		WO03/61970			
EP 03710064.1	Printing with Differential Adhesion	23.01.03		EP1467870	20.10.04	EP1467870	29.11.06
United Kingdom	"					EP1467870	

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
10. CERAMIC INK REMOVAL Printing Methods (inventors G. Roland Hill and A.W.N. Clare)							
USA 60/118,480	Partial Imaging of a Substrate with Superimposed Layers	03.02.99					
USA 09/890,570	"	25.09.01				US6,824,639	30.11.04
PCT/IB00/00267	Partial Imaging of a Substrate with Superimposed Layers	03.02.00		WO00/46043	10.08.00		
Australia 28223/00	Partial Imaging of a Substrate with Superimposed Layers	03.02.00		AU768614	18.12.03	AU768614	22.04.04
Canada 2361546	"	03.02.00		CA2361546	10.08.00	CA2361546	14.10.08
South Africa 2001/6411	"	03.02.00		ZA200106411	05.08.02	ZA2001/6411	30.10.02
GB 0121190.3	Partial Imaging of a Substrate with Superimposed Layers	03.02.00		GB2362607	28.11.01	GB2362607	15.01.03

11. SURVEILLANCE CAMERA Assembly (inventor G. Roland Hill)

GB 0105654.8		08.03.01					
GB 0205507.7	Public Telephone Structure with Security Camera	08.03.02		GB2375449	13.11.02	GB2375449	07.09.05

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
12. FRIT-LOADED CERAMIC INK Print Pattern (inventors G Roland Hill and H Quinn)							
GB 0222765.0	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	02.10.02					
PCT/GB2003/004216	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	29.09.03		WO04/030935	15.04.04		
10/529,367 (USA)	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	28.03.05		US2006/0150680	13.07.06	US8,784,932	22.07.14
2500406 (Canada)	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	29.09.03		CA2500406	15.04.04	CA2500406	17.11.09
PCT/GB2003/004216 (Australia)	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	29.09.03		AU2003267659	23.04.04	AU2003267659	04.12.08
PCT/GB2003/004216 (South Africa)	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	29.09.03				ZA2005/02661	28.06.06
EP 03748351.8	Glass Panels Partially Printed with Ceramic Ink Layers in Substantially Exact Registration	29.09.03		EP1549498	13.07.06	EP1549498	09.04.14
Austria	"					1549498	
Belgium	"					1549498	
France	"					1549498	
Germany	"					1549498	
Spain	"					1549498	
United Kingdom	"					1549498	

13. ILLUMINATION DEVICE (inventor G Roland Hill)

Decision taken to lapse

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
14. UV INKJET Printing of Vision Control Panels (inventor G Roland Hill)							
GB 0503532.4	UV Inkjet Printing of Vision Control Panels	21.02.05					
PCT/GB2006/000601	"	21.02.06		WO2006/087583	24.08.06		
Australia 2006215439	"	21.02.06		AU2006215439	24.08.06	AU2006215439	21.01.10
Canada 2,598,466	"	21.02.06		CA2598466	24.08.06	CA2598466	12.06.12
EP 06709837.6	"	21.02.06		EP1851062	07.11.07		
Japan 2007-555708	"	21.02.06		JP2008-530619	07.08.08		
2011-222283(new divisional)		06.10.11		JP2012-037903	23.02.12	JP5430631	13.12.13
South Africa 2007/6940	"			ZA200706940	20.08.07	ZA200706940	29.10.08
USA 11/816,765	"	21.08.07		US2008/0211866	04.09.08	US8,500,268	06.08.13

15. ELECTROLUMINESCENT ONE-WAY VISION PANEL (inventors G Roland Hill and C Parry)

GB 0514642.8	Electroluminescent One-Way Vision Panel	18.07.05					
PCT/GB2006/002684	"	18.07.06		WO2007/010250	25.01.07		
EP 06765019.2	"	18.07.06		EP1904992	02.04.08	EP1904992	27.11.13
United Kingdom	"					1904992	
USA 12/065,826	"	05.03.08		US2009/0077846	26.03.09	US8,136,278	20.03.12

16. BUSINESS METHOD of Providing See-through Advertisements on Retail Cabinet Doors (inventor G Roland Hill)

USA 60/698,942	Business Method of Providing See-through Advertisements on Retail Cabinet Doors	14.07.05					
USA 11/485,963	"	14.07.06		US2007/0016478	18.01.07		

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
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17. Method of Making a Vision Control Panel using CUT FILM (inventor G Roland Hill)

PCT/IB2006/004217	Method of Making a Vision Control Panel using Cut Film	27.09.06		WO2007/113619	11.10.07		
EP 06849546.4	"	27.09.06		EP1971489	24.09.08		
Japan 2008-532909	"	26.03.08		JP2009510507	12.03.09	JP5290758	14.06.13
South Africa 2008/0363	"	24.04.08		ZA200803630	29.07.09		

18. Partial Printing of a Substrate using METALLIZATION (inventors G Roland Hill and A J Voss)

PCT/IB2007/002324	Partial Imaging of a Substrate using Metallization	28.02.07		WO2007/141659	13.12.07		
EP 07804752	"	28.02.07		EP2001668	17.12.08	EP2001668	23.01.13
Austria	"					2001668	
Germany	"					2001668	
United Kingdom	"					2001668	

19. PPM TYPE II Improvements to Printing Superimposed Layers (inventor G Roland Hill)

USA 60/858,697	Improvements to Printing Superimposed Layers	14.11.06					
USA 12/514,714	"			US2010/0112223	05.06.10		
PCT/IB2007/004462	"	14.11.07		WO2008/084332	17.07.08		
Australia	"	14.11.07		AU2007343079	17.07.08	AU2007343079	02.05.13
Brazil PI0718745-9	"	14.11.07		BRPI0718745	03.12.13		
China 200780048164X	"	14.11.07		CN101616807A	30.12.09	ZL200780048164.X	20.03.13
EP 07872072.9	"	14.11.07		EP2097269	09.09.09	EP2097269	25.04.12
Belgium	"					2097269	
France	"					2097269	
Germany	"					2097269	
Ireland	"					2097269	
Netherlands	"					2097269	
Sweden	"					2097269	
Switzerland	"					2097269	
United Kingdom	"					2097269	
India	"	14.11.07					
South Africa 2009/03532	"	21.05.09				ZA2009/03532	31.03.10

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
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20. CYLINDRICAL INKJET Printing Partially Imaged Panels with Superimposed Layers (inventors G Roland Hill and Phill Reynolds)

Decision taken to lapse

21. ALTERNATING SIGN Assembly (inventor G Roland Hill)

USA 60/895,015	Alternating Sign	15.03.07					
USA 12/531,333	Alternating Sign	11.01.10		US2010/0107459	06.05.10	US8,245,424	21.08.12
PCT/IB2008/051003	"	17.03.08		WO2008/111024	20.11.08		
EP 08719738.0	"	17.03.08		EP2130198	09.12.09	EP2130198	25.09.13
France	"					2130198	
Germany	"					2130198	
United Kingdom	"					2130198	

22. TRAP SIGN Assembly (inventor G Roland Hill)

USA 60/938,576	Sign Assembly	17.05.07					
USA 12/122,007	"	16.05.08		US2008/0282591	20.11.08	US8,065,829	29.11.11
GB 0809064.9	"	19.05.08		GB2449365	19.11.08	GB2,449,365	04.09.12

23. GraylinerTM

CONTRASTING COLORED LINER Vision Control Panels (inventors G Roland Hill and Mark Godden)

USA 60/941,882	Vision Control Panel Assembly with a Contrasting Colored Liner	04.06.07					
USA 12/663,184	"	04.06.08		US2010/0181020	22.07.10	US8,394,477	12.03.13
PCT/IB2008/052189	"	04.06.08		WO2008/149301	04.06.08		
Australia 2008259392	"	04.06.08		AU2008259392	11.12.08	AU2008259392	24.05.14
Canada 2688609	"	04.06.08		CA2688609	11.12.08		
EP 12169357.6 (new div. app)		04.06.08		EP2505376	03.10.12		
Japan	"	04.06.08		JP2010529498	26.08.10		
China 200880025306.5	"	04.06.08		CN101754865B	23.06.10	ZL200880025306.5	19.06.13
Hong Kong 10108321.1	"	04.06.08			02.09.10	HK1141768	13.12.13

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
24. Printing Superimposed Layers of CERAMIC Ink in Substantially Exact Registration by Differential Ink Medium THERMAL EXPULSION (inventors G. Roland Hill, R. Schroeder, G. Eaton)							
GB 0823712.5	Printing Layers of Ceramic Ink in Substantially Exact Registration by Differential Ink Medium Thermal Expulsion	31.12.08					
PCT/GB2009/002972	"	29.12.09		WO2010/076563	08.07.10		
Australia	"	29.12.09		AU2009334549	28.07.11	AU2009334549	20.02.14
Canada	"	29.12.09		CA2748657	08.07.10		
EP 09808942.8	"	29.12.09		EP2370268	05.10.11	EP2370268	26.12.12
Austria	"					2370268	
Belgium	"					2370268	
Denmark	"					2370268	
France	"					2370268	
Germany	"					2370268	
Ireland	"					2370268	
Italy	"					2370268	
Netherlands	"					2370268	
Portugal	"					2370268	
Spain	"					2370268	
Sweden	"					2370268	
Switzerland	"					2370268	
United Kingdom	"					2370268	
Japan 2011-544079	"	29.12.09		JP2012513918	21.06.12	JP5496224	14.03.14
2013-174551 (new divisional)	"	26.08.13		JP2014012411	23.01.14	JP5496400	14.03.14
South Africa 2011/05561	"	28.07.11				ZA2011/05561	27.06.12
USA 13/142,680	"	22.02.12		US2012/0145017	14.06.12	US8,973,501	10.03.15
USA 14/327,060 (continuation)	"	09.07.14		US2014/0318396	30.10.14		
25. OPEN PERFORATED Material and Method of Imaging to Form a Vision Control Panel (Inventors: G. Roland Hill and Mark David Godden)							
USA 61/505,829	Open Perforated Material and Method of Imaging to Form a Vision Control Panel	08.07.11					
USA 14/131,139	"	09.07.12		US2014/0141197	22.05.14		
PCT/IB2012/001352	"	09.07.12		WO2013008077	17.01.13		
Australia	"	09.07.12		AU2012282211	27.02.14		
Canada 2841877	"	09.07.12		CA2841877	17.01.13		
China 201280041979.6	"	09.07.12		CN103826867A	28.05.14		
EP 12745519.4	"	09.07.12		EP2729312	14.05.14		
Japan	"	09.07.12		JP2014529364	06.11.14		

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO.	PATENT GRANTED
26. Perforated Adhesive Assembly with REMOVABLE Non-Perforated BONDING LAYER. (Inventors: G. Roland Hill and Mark David Godden)							
USA 61/651,929	Perforated Adhesive Assembly with Removable Bonding Layer	25.05.12					
PCT/IB2013/001039	Perforated Adhesive Assembly with Removable Non-Perforated Bonding Layer	24.05.13		WO2013175298	28.11.13		
Australia	"	24.05.13		AU2013264926	04.12.15		
United Kingdom 1420128.9	"	24.05.13		GB2515976A	07.01.15		

EXPIRED PATENTS

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO	PATENT GRANTED
1. CONTRA VISION®* (inventor G. Roland Hill)							
GB 8419312	Transparent Panel (1)	28.07.84					
GB 8504187	Transparent Panel (2)	19.02.85					
GB 8518654	Panel (3)	24.07.85			09.04.86	2165292 C2 Amended	25.05.88 10.04.03
GB Patent - registered in the following countries:							
Bahrain	Registered on	28.09.89				BP 979	
Cyprus	Registered on	13.01.90				1524	
Hong Kong	Registered on	12.10.89				811/89	
Singapore	Registered on	13.10.89				496/89	
Australia 45254/85	Panel	23.07.85			30.01.86	580790	22.05.89
					Amendment allowed		
Canada 487502	Panel	25.07.85	850725			1258171	08.08.89
EPC 85305127.4	Panel	18.07.85			05.02.86	0170472	06.12.89
Austria	Registered on	06.12.89				0048396	
Belgium	Registered on	06.12.89				0170472	
France	Registered on	06.12.89				0170472	
Germany	Registered on	06.12.89				0170472	
Italy	Registered on	06.12.89				0170472	
Netherlands	Registered on	06.12.89				0170472	
Sweden	Registered on	06.12.89				0170472	
Switzerland (& Liechtenstein)	Registered on	06.12.89				0170472	
Spain 0545589	Panel	26.07.85	545589		16.05.88	0545589	10.03.88
Japan 168500/85	Panel	29.07.85	93503		12.06.86	2129815	30.05.97
Japan 40039/92	Panel	09.01.92				2617393	11.03.97
Japan 330848/95	Panel	29.07.85				3185088	11.05.01
South Africa 85.5650	Panel	26.07.85	85.5650		28.01.86	85/5650	26.03.86
					Amendment allowed		28.08.96
Taiwan 74103231	Panel	24.07.85			01.05.87	27123	01.05.87
USA 760048	Unidirectional Panel	29.07.85	760,048		16.06.87	4,673,609	16.06.87
					Reexamination Certificate issued		25.07.95
					Reissue Patent	RE37,186	22.05.01

Contra Vision® is a trade mark of Contra Vision Ltd

This was the dominant patent for one-way vision, see-through graphics, with an opaque "silhouette pattern", manufactured by any method.

EXPIRED PATENTS

APPLICATION NO.	TITLE	DATE FILED	FILE NO.	PUBLICATION NO.	APPL. PUBLISHED	PATENT NO	PATENT GRANTED
0. SAFE-SCREEN with 2 uniform colours (no design)							
GB 8203387	Transparent Panel (1)	05.02.82	8203387				
GB 8303293	Transparent Panel (2)	07.02.83			26.10.83	2118096	30.04.86
3. EXAPRINT							
GB 8531804	Improvements in or relating to printing	24.12.85					
GB 8630654		22.12.86	8531804		14.10.87	2188873	19.09.90
Australia 66930/86	"	22.12.86	66930/86		25.06.87	605471	09.01.91
Canada 526212		23.12.86	526,212		05.02.91	1279794	05.02.91
EPC 86310004.6	"	22.12.86	86310004.6		02.09.87	0234121	11.11.92
Austria	Registered on 11.11.92					E82198	
Belgium	Registered on 11.11.92					0234121	
France	Registered on 11.11.92					0234121	
Germany	Registered on 11.11.92					0234121	
Italy	Registered on 11.11.92					0234121	
Netherlands	Registered on 11.11.92					0234121	
Spain	Registered on 11.11.92					0234121	
Sweden	Registered on 11.11.92					0234121	
Switzerland (& Liechtenstein)	Registered on 11.11.92					0234121	
Japan 316106/86	Improvements in or relating to printing	24.12.86	316106/86		30.09.87	1972872	27.09.95
Japan 323152/94	"	24.01.95				2668110	04.07.97
South Africa 86/9669	"	23.12.86	86/9669			86/9669	26.08.87
Taiwan 75106311	"	30.12.86	75106311		01.09.87	27780	01.09.87
USA 945,849	"	23.12.86	945,849			B1 4,925,705	15.05.90
					Reexamination Certificate issued		14.02.95

*Exact registration printing, including 15 security printing applications

The listing of a patent or application on this schedule is for inventory purposes only and does not constitute a representation or warranty as to any matter, including, but not limited to, claim scope, validity, enforceability, filing date, priority date, status (pending, abandoned, opposed, granted, expired) or relationship to any other patents or applications, listed or otherwise.