

02-07-2003

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Atty. Ref. No. 4828-65403

102359427

RECORDATION FORM COVER SHEET - PATENTS ONLY

BOX ASSIGNMENT

COMMISSIONER OF PATENTS AND TRADEMARKS

WASHINGTON, D.C. 20231

2-5-03

1. Total number of pages including cover sheet, attachments and document: 16**2. Name of Conveying Party(ies) and Execution Date(s) of Document(s)** ☐ Check here if additional name(s) attached

Name(s): SARIF, Inc.

Execution Date(s): September 11, 2002

3. Name and address of receiving party☐ Check here if additional name(s) & address(es) are attachedName **Iljin Diamond Co., Ltd.**

Address Iljin Building 50-1, Dohwa-Dong, Mapo-Gu

City Seoul

State/Country Korea

Zip 121-040

4. Nature of Conveyance☒ Assignment ☐ Merger ☐ Security Agreement ☐ Name Change ☐ Other:**5. Total number of applications and patents involved: 3****6. Total Fee Enclosed (37 C.F.R. § 3.41): 120.00****7. ☒ Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550****8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent.**A. ☐ This document is being filed with a new application. Execution date is: _____B. ☒ Patent Application No.(s) or Patent No.(s): 5,063,378, 5,122,792, 5,337,068, 5,076,667,☒ Check here if additional numbers are attached**9. Correspondent's name, address, and telephone number**

Michael D. Jones

Klarquist Sparkman, LLP

One World Trade Center, Suite 1600

121 S.W. Salmon Street

Portland, Oregon 97204-2988

Telephone: 503-226-7391

10. ☒ Please return the attached postcard to confirm that these items have been received.**11. Statement and signature** *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Michael D. Jones

January 29, 2003

Name of Person Signing

Signature

Date

02/06/2003 DBYRNE 00000054 5063378

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520.00 00

cc: Docketing

PATENT
REEL: 013718 FRAME: 0471

**RECORDATION FORM COVER SHEET – PATENTS ONLY
CONTINUATION SHEET****12. Additional Name(s) of Conveying Parties and Execution Date(s) of Document(s)**

Name: _____

Execution Date: _____

Name: _____

Execution Date: _____

13. Additional Patent number(s) or Patent Application number(s).**Enter either the Application Number or the Patent Number. Do not enter both numbers for the same property.**

5,001,481

5,038,368

5,113,097

5,483,366

6,078,364

5,633,653

6,046,719

6,046,736

6,466,194

cc: Docketing

**PATENT
REEL: 013718 FRAME: 0472**

EXHIBIT 2.7(a)(iii)(B)

Assignment of Patents

ASSIGNMENT OF PATENTS made as of the 11th day of Sept., 2002 by SARIF, INC., an Oregon corporation with its principal place of business at 600 SE Assembly Ave., Suite 100, Vancouver, WA 98661 ("Assignor"), to ILJIN DIAMOND CO., LTD. a corporation organized under the laws of the Republic of Korean with its principal place of business at Iljin Building 50-1, Dohwa-Dong, Mapo-Gu, Seoul 121-040, Korea ("Assignee").

RECITAL

Assignee and Assignor are parties to an Asset Purchase Agreement dated as of 8-24, 2002 (the "Agreement"), pursuant to which Assignor has agreed to sell to Assignee and Assignee has agreed to buy from Assignor the Assets (as defined in the Agreement), including without limitation the patents of Assignor. Pursuant to the Agreement, Assignor has agreed to execute such instruments as the Assignee may reasonably request in order more effectively to assign, transfer, grant, convey, assure and confirm to Assignee and its successors and assigns, or to aid and assist in the collection of or reducing to possession by the Assignee of, all of such assets.

In accordance therewith, Assignor desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under Assignor's registered and unregistered domestic and foreign patents and patent applications, including without limitation, the patents and patent applications listed on Schedule A annexed hereto and incorporated herein by reference (all of the foregoing being referred to herein as the "Patents").

NOW, THEREFORE, Assignor, for and in exchange for the payment of the purchase price set forth in the Agreement, the receipt of which is hereby acknowledged, does hereby transfer and assign to Assignee, and Assignee hereby accepts the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under the Patents, together with the goodwill of the business associated therewith and which is symbolized thereby, all rights to sue for infringement of any Patent, whether arising prior to or subsequent to the date of this Assignment of Patents, and any and all renewals and extensions thereof that may hereafter be secured under the laws now or hereafter in effect in the United States and in any other jurisdiction, the same to be held and enjoyed by the said Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same

would have been held and enjoyed by the said Assignor had this Assignment of Patents not been made.

Except to the extent that federal law preempts state law with respect to the matters covered hereby, this Assignment of Patents shall be governed by and construed in accordance with the laws of the State of Oregon without giving effect to the principles of conflicts of laws thereof.

IN WITNESS WHEREOF, Assignor has caused its duly authorized officer to execute this Assignment of Patents as of the date first above written.

[Company]

By:

Name: Steven R. Hix

Title: Chairman & CEO

State of OREGON)

County of Multnomah } ss.:

On this 11th day of Sept, 2002, before me, _____, personally appeared Steven R. Hix of SARIF, INC., personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

Anita Perry
Notary Public

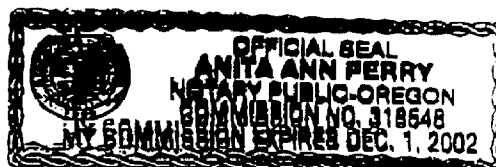


EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	07/455191	12/22/1989	5063378	11/5/1991	US
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	91902829.0	12/12/1990	0506875	9/6/1995	EP
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	03 503235	12/12/1990	3068640	5/18/2000	JP
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	92.701455	12/12/1990	212867	5/12/1999	KR
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	91902829.0	12/12/1990	0506875	9/6/1995	GB
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	91902829.0	12/12/1990	690222/18.3	9/6/1995	DE
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	91902829.0	12/12/1990	0506875	9/6/1995	FR
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	91902829.0	12/12/1990	0506875	9/6/1995	IT
10238	Scanned Liquid Crystal Display With Select Scanner Redundancy	Roach, W. R.	Granted	91902829.0	12/12/1990	0506875	9/6/1995	ES

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
10334	Electronic Time Vernier Circuit	Stewart, R. G.	Granted	01/513,781	3/29/1991	4,113,145	9/29/2009	JP
10334	Electronic Time Vernier Circuit	Stewart, R. G.	Granted	07/541,653	6/21/1990	5,122,792	6/16/1992	US
10343 A	Field Sequential Display System Utilizing A Backlit LCD Pixel Array And Method For Forming An Image	Roach, W. R. Stewart, R. G.	Granted	08/012,981	2/1/1993	5,337,058	8/9/1994	US
10461	High Speed Frequency Divider Circuit	Lee, S. N.	Granted	06-540,3512	12/5/1990	3,003,217	11/19/1999	JP
10461	High Speed Frequency Divider Circuit	Lee, S. N.	Granted	07/470,273	1/25/1990	5,012,497	4/30/1991	US
10502	High Speed Signal And Power Supply Bussing For Liquid Crystal Displays	Ipui, A. C. Stewart, R. G.	Granted	07/471,566	1/29/1990	5,076,667	12/31/1999	US
10552 A	MOS Transistor Threshold Compensation Circuit	Lee, S. N.	Granted	07/472,135	1/30/1990	5,001,481	3/19/1991	US
10552 B	Redundancy Control Circuit Employed With Various Digital Logic Systems Including Shift Registers	Lee, S. N.	Granted	07/473,751	2/2/1990	5,038,368	8/6/1991	US
10574 A	CMOS Level Shifter Circuit	Lee, S. N.	Granted	07/469,981	5/2/1991	5,113,097	5/12/1992	US
11499	Liquid Crystal Display With High Capacitance Pixel	Attieion, J. H.	Granted	95928063 7	7/20/1995	0 803 078	5/8/2002	GB

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
11499	Liquid Crystal Display With High Capacitance Pixel	Alhertton, J. H.	Pending	09/106,144	7/20/1995			JP
11499	Liquid Crystal Display With High Capacitance Pixel	Alhertton, J. H.	Pending	97/118,370	7/20/1995			KR
11499	Liquid Crystal Display With High Capacitance Pixel	Alhertton, J. H.	Granted	95928063.7	7/20/1995	69526676.4	5/8/2002	DE
11499	Liquid Crystal Display With High Capacitance Pixel	Alhertton, J. H.	Granted	95928063.7	7/20/1995	0.803.078	5/8/2002	FR
11499	Liquid Crystal Display With High Capacitance Pixel	Alhertton, J. H.	Granted	95928063.7	7/20/1995	0.803.703	5/8/2002	EP
11499	LCD With High Capacitance Pixel Having An ITO Active Region/Poly Si Pixel Region Electrical Connection And Having Poly Si Selection Line Extensions Along Pixel Edges	Alhertton, J. H.	Granted	09/277824	7/20/1994	5403366	1/9/1996	US
11499	Liquid Crystal Display With High Capacitance Pixel	Alhertton, J. H.	Granted	95928063.7	7/20/1995	0.803.078	5/8/2002	IT
11499 A	Liquid Crystal Display With High Capacitance Pixel	Alhertton, J. H.	Granted	08/472836	6/7/1995	6078364	6/20/2000	US
11502	Display Architecture		Granted	PI 9502601	8/31/1995	MY-112171-A	4/30/2001	MY

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
11502	Simultaneous Sampling Of Demultiplexed Data And Driving Of An LCD Pixel Array With Ping Pong Effect	Atherton, J H	Granted	08/248295	8/31/1994	5633653	5/27/1997	US
11502	Display Architecture	Atherton, J H	Pending	08 508906	8/31/1995			JP
11502	Display Architecture	Atherton, J H	Pending	97-701332	2/28/1997			KR
11502	Display Architecture	Atherton, J H	Pending	95933021 8	8/31/1995			EP
11543	Column Driver For A Display	Dingwall, A G	Pending	08 518304	12/8/1995			JP
11543	Column Driver For A Display	Dingwall, A G	Pending	97-703074	12/8/1995			KR
11543 A	Column Driver With Switched-Capacitor D/A Converter	Dingwall, A G	Granted	08/688912	7/7/1997	6046719	4/4/2000	US
12423	Self Scanned Amorphous Silicon Integrated Display Having Active Bus And Reduced Stress Column Drivers	Atherton, J H	Granted	09/201033	11/30/1998	6046736	4/4/2000	US
12423	Self Scanned Amorphous Silicon Integrated Display Having Active Bus And Reduced Stress Column Drivers	Atherton, J H	Pending	88114041	8/17/1999			TW
12423 A	Self Scanned Integrated Display Having Reduced Stress Column Drivers	Atherton, J H	Allowed	09/474293	12/29/1999			US

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	07/295416	1/10/89	4,968,119	11/6/90	US
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	90902868 0	1/2/90	6,901,861 5	4/12/95	DE
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	90902868 0	1/2/90	0 453 510	4/12/95	EP
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	90902868 0	1/2/90	0 453 510	4/12/95	FR
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	9591427 1	1/2/90	0 453 510	4/12/95	GB
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	90902868 0	1/2/90	0 453 510	4/12/95	HK
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	02-503058	1/2/90	2851419	11/13/98	JP
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	90902868 0	1/2/90	0 453 510	4/12/95	IL
10152	High Density Liquid Crystal Displays	Stewart, R G	Granted	90902868 0	1/2/90	9591427-1	11/16/95	SG
SARIF Patent Applications								
	A Fully-Digital LCD Light Valve Architecture	Goetz, Lynn, Keith	Application	60/258,265	12/20/02			US
	Image Compensation Methods and Apparatus Using Correction Zones	Goetz, Lynn, Keith	Application	10/187,778	12/19/01			US

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
	Image Compensation Methods and Apparatus Using Correction Zones	Goetz, Lim, Keith	Application	93101121	1/2/002			TW
	Image Compensation Methods and Apparatus	Goetz	Application	60/264,271	1/25/01			PCT
	Image Compensation Methods and Apparatus Using Correction Zones	Goetz, Lim, Keith	Application	PCT/US02/02360	1/24/02			PCT
	Digital Light Valve Addressing Methods and Apparatus and Light Valves Incorporating Same	Goetz, Lim, Keith	Application	10/032,283	1/20/01			US
	Digital Light Valve Addressing Methods and Apparatus and Light Valves Incorporating Same	Goetz, Lim, Keith	Application	90131608	1/20/01			TW
	Digital Light Valve Addressing Methods and Apparatus and Light Valves Incorporating Same	Goetz, Lim, Keith	Application	PCT/US01/50653	1/20/01			PCT
	Methods and Apparatus for Control of Display Non-Uniformities and Displays Including Such Controls	Goetz, Lim, Keith	Draft Application		8/1/01			
	Methods and Apparatus for Control of Display Non-Uniformities and Displays Including Such Controls	Goetz, Lim, Keith	Draft Application		8/1/01			

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
	Integrated Sequential Color LCD Display		Filed		08/12/02			
	Methods for Measuring Brightness of Display Sub Region		Filed		08/09/02			
	Method for Measuring LCD EO Curves and for Generating Compensatory Dataamp Waveforms		Filed		08/09/02			
	Methods for Performing Measurement of Column Brightness Non-Uniformity in SARIF Architecture Light Valves		Filed		08/09/02			
	Zone Correction Anti-Contouring		Filed		08/09/02			
	Extended Resolution for Column Correction		Filed		08/09/02			
	Optical Designs for Superimposing the Three Images of a Pixelated Liquid Crystal Light Valve Consisting of Three Display Subpanels		Filed		08/12/02			
	A Novel Pixelated Liquid Crystal Light Valve Consisting of Multiple Display Subpanels and a Novel Method of Packing Same		Filed		08/12/02			
	LCD with EPROM and Means for Automatic Download to FPGA		Filed		08/12/02			

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Inventor(s)	Status	Application No.	Filing Date	Patent	Issue	Country
	An Apparatus and Algorithm for Determining the Cell Spacing of a Liquid Crystal TFT Cell by Columnar Analysis of Transmission in the Unknown normally Elongate Mode		Filed		08/11/02			
	Back Gate for Active Matrix Pixel TFT		Filed		08/13/02			
	Column Uniformity Measurement and Derivation of Correction Offsets by Electronic Means		Filed		08/09/02			
	Gradient-Based Column-Uniformity-Correction Method		Filed		08/13/02			
	Bottom Layer Interconnect and Black Matrix		Unfiled					

EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Disclosure	Inventor(s)	Status
10210	Method Of Making Polysilicon Transistors By Plasma Deposition	4/11/1988	Ipri, A. C. Kaganovitz, G. Pellicane, J. P.	Unfiled
10212	Method Of Making Polysilicon Thin Films By Low Temperature Plasma Deposition	4/11/1988	Ipri, A. C. Kaganovitz, G. Pellicane, J. P.	Closed
10271	Binocular Imaging Using Liquid Crystal Displays For 3 D Effect	6/6/1988	Ipri, A. C. Jose, D. L.	Closed
10335	Hybrid LCD Scanners	8/26/1988	Stewart, R. G.	Closed
10484	Integrated Drive Of Direct Drive LCDs	5/3/1989	Firester, A. H.	Closed
10513	Integrated Drive Direct Multiplexed LCD's	6/1/1989	Firester, A. H.	Closed
10585	Wide Viewing Angle, Polaroid-Sunglass-Readable LCDs	9/15/1989	Firester, A. H.	Closed
10637	Field Sequential Color Display Using Four Liquid Crystal Arrays	12/7/1989	Firester, A. H. Pica, A. P.	Closed
10638	Field Sequential Color Display Using Two Liquid Crystal Arrays	12/7/1989	Firester, A. H. Pica, A. P.	Closed

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EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Disclosure	Inventor(s)	Status
10639	Multiple Shutter/Pixel Linear Arrays For Film Printers	12/4/1989	Furber, A. H.	Closed
10640	Multiple Chopped Ramp For Large Area Liquid Crystal Displays	12/12/1989	Lee, S. H.	Abandoned
10645	Clamped Linear CMOS Amplifier	12/19/1989	Stewart, R. G.	Abandoned
10646	High Voltage Select Scanner	12/19/1989	Stewart, R. G.	Closed
10648	Method Of Initiating Silicide Reactions With An Active Metal	12/26/1989	Pinch, H. L.	Closed
10649	Active Matrix Liquid Crystal Display With Self-Aligned Interconnects And Metal Free Gates	12/28/1989	Pinch, H. L.	Closed
10650	Method Of Preparing Conducting Silicides In A Chemically Reducing Atmosphere	12/28/1989	Pinch, H. L.	Closed
10675	Projection Liquid Crystal Display Pixel	1/26/1990	Ipri, A. C. Stewart, R. G.	Abandoned
10676	Toggle Latch Controlled Redundancy	1/26/1990	Stewart, R. G.	Abandoned
10679	White on Black Fixed Format TN LCD Panel	1/30/1990	Rauch, W. R. Stewart, W. C.	Closed
10684	Stepper Tool Box	1/31/1990	Lipp, S. A.	Closed

Excluded to Inset Patent Agreement

EXHIBIT 2.1 (d)(2) Patents, Applications and Disclosures

Case	Title	Disclosure	Inventor(s)	Status
10688	Stepper Generated Identification System	1/30/1990	Firesler, A. H. Reach, W. R.	Closed
10691	Four Lead Self Scanned Displays	2/5/1990	Stewart, R. G.	Closed
10695	Elimination Of Pixel Shorts	2/5/1990	Stewart, R. G.	Closed
10703	Electro-Photographic Technique For Fabricating And Testing Color	2/7/1990	Datta, P. Firesler, A. H.	Closed
10705	High Voltage Static Pixel	2/9/1990	Firesler, A. H. Stewart, R. G.	Closed
10706	Generic Self Scanned Displays	2/9/1990	Stewart, R. G.	Closed
10903	Back Illuminator For Liquid Crystal Displays	3/11/1991	McClelland, S. K. McCoy, R. E. Williams, R.	Closed

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