

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	12/15/2004

CONVEYING PARTY DATA

Name	Execution Date
IFIRE TECHNOLOGY INC.	12/15/2004

RECEIVING PARTY DATA

Name:	IFIRE TECHNOLOGY CORP.
Street Address:	10102 - 114 STREET
City:	FORT SASKATCHEWAN, ALBERTA
State/Country:	CANADA
Postal Code:	T8L 3W4

PROPERTY NUMBERS Total: 17

Property Type	Number
Application Number:	09747464
Application Number:	10214478
Application Number:	10326777
Application Number:	10326786
Application Number:	10326778
Application Number:	10397148
Application Number:	10417901
Application Number:	10661910
Application Number:	10661728
Application Number:	10701051
Application Number:	10736020
Application Number:	10736255
Application Number:	10736368
Application Number:	10767912

OP \$680.00 09747464

PATENT

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REEL: 016780 FRAME: 0141

Application Number:	10885257
Application Number:	10878221
Application Number:	11000732

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SMBZ 0 00030
NAME OF SUBMITTER:	Mark S. Svat

Total Attachments: 3
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ASSIGNMENT

WHEREAS, **IFIRE TECHNOLOGY INC.**, having a principal office or place of business at 10102 - 114 Street, Fort Saskatchewan, Alberta, Canada, T8L 3W4, (hereinafter referred to as the "ASSIGNOR") is the owner of the entire right, title and interest in the patents and patent applications listed in Schedule "A", attached hereto; and

WHEREAS, the ASSIGNOR has assigned the patents and patent applications listed in Schedule "A" to **1115901 ALBERTA LTD.**; and

WHEREAS, **1115901 ALBERTA LTD.** changed its name to **IFIRE TECHNOLOGY CORP.** on July 7, 2004; and

WHEREAS, **IFIRE TECHNOLOGY CORP.**, (formerly known as **1115901 ALBERTA LTD.**) whose full post office address is 10102 - 114 Street, Fort Saskatchewan, Alberta, Canada, T8L 3W4, (hereinafter referred to as the "ASSIGNEE"), is desirous of securing the entire right, title, and interest in and to said patent applications, the patents to be issued upon said applications and the inventions and discoveries disclosed and claimed therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned and conveyed, and hereby sells, assigns and conveys to ASSIGNEE, its successors and assigns, its entire right, title and interest in and to the inventions and discoveries disclosed in the patents and patent applications listed in Schedule "A", including all other patent applications and any corresponding patent rights in any and all foreign countries which have been or shall be filed on any of the inventions and discoveries disclosed and claimed in any of said patents and patent applications, and all divisions, reissues, continuations, renewals and prolongations thereof, and further including all rights of priority under the International Convention in foreign countries and the right to file and prosecute such applications, and in and to any and all patents which have been or may be granted by any country based either in whole or in part upon any or all of said inventions and discoveries of the said patents and patent applications;

ASSIGNOR has sold, assigned and conveyed, and further sells, assigns and conveys to ASSIGNEE all claims by reason of past infringement of the said patents and patent applications, including the right to sue for and collect for said past infringements;

ASSIGNOR has authorized and requested, and hereby authorizes and requests the Commissioner of Patents in Canada and any official of any foreign country whose duty it is to issue

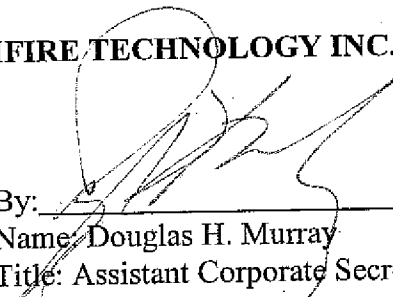
patents on said applications, to issue all patents for said inventions to the ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

ASSIGNOR has covenanted, and hereby covenants that it has the right to convey the entire right, title and interest to ASSIGNEE, herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith;

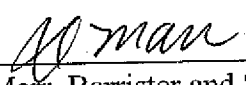
ASSIGNOR has agreed, and hereby agrees that it will, without further consideration, communicate with and provide to ASSIGNEE, its successors and assigns, all facts known and documents available to ASSIGNOR relating to said inventions, discoveries, patents and patent applications, including the histories thereof; testify in any legal proceedings; execute and secure all papers that may be necessary to file, prosecute and maintain said patents and patent applications in any country and to assign the same; make all rightful oaths; and generally do everything possible to aid ASSIGNEE, its successors, assigns and nominees, to obtain, uphold and enforce proper patent protection for said inventions and discoveries in all countries.

SIGNED at Fort Saskatchewan, Alberta, this 15th day of December, 2004.

IFIRE TECHNOLOGY INC.

By: 
Name: Douglas H. Murray
Title: Assistant Corporate Secretary

On this 15th day of December, 2004, Douglas H. Murray who identified himself to me as an authorized signing officer of iFire Technology Inc. who executed the foregoing instrument, and acknowledged that he executed the same of his own free will and for the purposes set forth with authority to do so.


Debra L. Marr, Barrister and Solicitor
Notary Public in and for the
Province of Alberta

SCHEDULE A

Application No.	Filing Date	Title
09/747,464	12/22/2000	Shared Pixel Electroluminescent Display Driver System
10/214,478	08/05/2002	Single Source Sputtering of Thioaluminate Phosphor Films
10/326,777	12/16/2002	Low Firing Temperature Thick Film Dielectric Layer for Electroluminescent Display
10/326,786	12/19/2002	Stabilized Electrodes in Electroluminescent Displays
10/326,778	12/19/2002	Patterning Thin Film Layers for Electroluminescent Displays
10/397,148	03/26/2003	Yttrium Substituted Barium Thioaluminate Phosphor Materials
10/417,901	04/17/2003	Oxygen Substituted Barium Thioaluminate Phosphor Materials
10/661,910	09/12/2003	Silicon Oxynitride Passivated Rare Earth Activated Thioaluminate Phosphors for Electroluminescent Displays
10/661,728	09/12/2003	Low Process Temperature Thin Film Phosphor For Electroluminescent Displays
10/701,051	11/04/2003	Method and Apparatus for Gray-Scale Gamma Correction for Electroluminescent Displays
10/736,020	12/15/2003	Aluminum Nitride Passivated Phosphors for Electroluminescent Displays
10/736,255	12/15/2003	Composite Sputter Target and Phosphor Deposition Method
10/736,368	12/15/2003	Barrier Layer for Thick Film Dielectric Electroluminescent Displays
10/767,912	01/29/2004	Controlled Sulfur Species Deposition Process
10/885,257	07/06/2004	Seal and Sealing Process for Electroluminescent Displays
10/878,221	06/28/2004	Hydrogen Sulfide Injection Method for Phosphor Deposition
11/000,732	12/01/2004	Patterning Thin Film Layers for Electroluminescent Displays