

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Assignees. The name of an assignee was inadvertently omitted from the Recordation Form Cover Sheet previously recorded on Reel 011871 Frame 0045. Assignor(s) hereby confirms the Assignment of Assignor's Interest.

CONVEYING PARTY DATA

Name	Execution Date
Candescent Technologies Corporation	12/05/2000

RECEIVING PARTY DATA

Name:	Candescent Technologies Corporation
Street Address:	6320 San Ignacio Ave.
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95119

Name:	Candescent Intellectual Property Services, Inc.
Street Address:	6320 San Ignacio Ave.
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95119

PROPERTY NUMBERS Total: 78

Property Type	Number
Patent Number:	5424605
Patent Number:	5674351
Patent Number:	5597518
Patent Number:	5541473
Patent Number:	5798604
Patent Number:	5589731
Patent Number:	5477105
Patent Number:	5675212

PATENT

500172851

REEL: 018463 FRAME: 0221

CH \$3120.00 5424605

Patent Number:	5576596
Patent Number:	5725787
Patent Number:	5667418
Patent Number:	5614781
Patent Number:	5746635
Patent Number:	5865930
Patent Number:	5916396
Patent Number:	5985067
Patent Number:	6157123
Patent Number:	5463271
Patent Number:	5728435
Patent Number:	5462467
Patent Number:	5559389
Patent Number:	5564959
Patent Number:	5562516
Patent Number:	5851669
Patent Number:	5827099
Patent Number:	5813892
Patent Number:	5913704
Patent Number:	6204596
Patent Number:	5608283
Patent Number:	5900301
Patent Number:	5686790
Patent Number:	5672083
Patent Number:	5528103
Patent Number:	5607335
Patent Number:	5552659
Patent Number:	5897414
Patent Number:	6180698
Patent Number:	5972235
Patent Number:	6187603
Patent Number:	5914150
Patent Number:	6049165
Patent Number:	5898266
Patent Number:	6064157

Patent Number:	6002198
Patent Number:	5755944
Patent Number:	5865659
Patent Number:	6019658
Patent Number:	5865657
Patent Number:	5766446
Patent Number:	5893967
Patent Number:	6027632
Patent Number:	5820435
Patent Number:	6046539
Patent Number:	6139390
Patent Number:	5964630
Patent Number:	6002199
Patent Number:	6201343
Patent Number:	6146226
Patent Number:	6107806
Patent Number:	6109994
Patent Number:	5977706
Patent Number:	6194830
Patent Number:	5863233
Patent Number:	6013974
Patent Number:	6013986
Patent Number:	5920151
Patent Number:	6118279
Patent Number:	6007695
Patent Number:	6004180
Patent Number:	6008062
Patent Number:	6120674
Patent Number:	6144144
Patent Number:	6010383
Patent Number:	6113708
Patent Number:	6103095
Patent Number:	5990614
Patent Number:	6107731
Patent Number:	6107728

PATENT

REEL: 018463 FRAME: 0223

CORRESPONDENCE DATA

Fax Number: (323)934-0202

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3239342300

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Correspondent Name: Ladas & Parry LLP

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Address Line 4: Los Angeles, CALIFORNIA 90036

NAME OF SUBMITTER:

Robert Popa

Total Attachments: 48

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PATENT

REEL: 018463 FRAME: 0224

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OMB No. 0651-0027 (exp. 5/31/2002)

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05-31-2001



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U.S. DEPARTMENT OF
COMMERCE
U.S. Patent and Trademark Office

101734609

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Candescent Technologies Corporation
6320 San Ignacio Ave.
San Jose, CA 95119

2. Name and address of receiving party(ies):

Candescent Intellectual Property
Services, Inc.
6320 San Ignacio Ave.
San Jose, CA 95119

3. Nature of conveyance:

- ☒ Assignment
☐ Security Agreement
☐ Merger
☐ Change of Name
☐ Other:

Additional name(s) & address(es) attached?

☐ yes ☒ no

Execution Date:

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date is:

A. Patent Application No.(s):

B. Patent No.(s):

SEE ATTACHED

Additional numbers attached? ☒ yes ☐ no

5. Name and address of party to whom
correspondence concerning the document should be
mailed:

Ronald J. Meetin
Skjerven, Morrill, MacPherson LLP
25 Metro Drive, Suite 700
San Jose, CA 95110

6. Total number of Patents involved: 80

7. Total fee (37 CFR 3.41) \$

☐ enclosed

☒ Authorized to be charged to Deposit Account

8. Deposit Account number: 23-0085

(Attach duplicate copy of this page if paying by deposit
account)

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9. 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.

Theodore S. Fahlen

Vice President of Intellectual Property and Research

Date

5-17-01

Total number of pages including cover sheet, attachments, and documents:

PATENT

REEL: 018463 FRAME: 0226

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 1 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:
Application No.:
Filed: 4/10/1992
For: "Self supporting flat video display"

Reel: 8274
Frame: 0650

☒ Patent: 5424605

☐ In re application:
Application No.:
Filed: 11/2/1994
For: "Self supporting flat video display"

Reel: 8280
Frame: 0089

☒ Patent: 5674351

☐ In re application:
Application No.:
Filed: 11/1/1994
For: "Self supporting flat video display"

Reel: 8280
Frame: 0018

☒ Patent: 5597518

☐ In re application:
Application No.:
Filed: 2/1/1993
For: "Grid addressed field emission cathode"

Reel: 8274
Frame: 0823

☒ Patent: 5541473

☐ In re application:
Application No.:
Filed: 1/5/1996
For: "Flat Panel Display With Gate Layer in Contact With Thicker Patterned Further Conductive Layer"

Reel: 8280
Frame: 0208

☒ Patent: 5798604

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 2 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 2/1/1993

For: "Internal support structure for flat panel displays"

Reel: 8280

Frame: 0319

☒ Patent: 5589731

☐ In re application:

Application No.:

Filed: 1/31/1994

For: "Structure of light-emitting device with raised black matrix for use in optical devices such as flat-panel CRT"

Reel: 8280

Frame: 0076

☒ Patent: 5477105

☐ In re application:

Application No.:

Filed: 3/31/1995

For: "Spacer structures for use in flat panel displays and methods for forming same"

Reel: 8280

Frame: 0362

☒ Patent: 5675212

☐ In re application:

Application No.:

Filed: 5/25/1995

For: "Optical Devices Such as Flat Panel Cathode Ray Tube Having Raised Black Matrix"

Reel: 8274

Frame: 0654

☒ Patent: 5576596

☐ In re application:

Application No.:

Filed: 5/25/1995

For: "Fabrication of light-emitting device with raised black matrix for use in optical devices such as flat-panel CRT"

Reel: 8280

Frame: 0098

☒ Patent: 5725787

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 3 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 5/24/1995

For: "Method of fabricating flat panel device having internal support structure"

Reel: 8280

Frame: 0123

☒ Patent: 5667418

☐ In re application:

Application No.:

Filed: 7/20/1995

For: "Structure and operation of high voltage supports"

Reel: 8199

Frame: 0218

☒ Patent: 5614781

☐ In re application:

Application No.:

Filed: 12/12/1995

For: "Structure and operation of high voltage supports"

Reel: 8280

Frame: 0104

☒ Patent: 5746635

☐ In re application:

Application No.:

Filed: 10/30/1996

For: "Structures for Use in Flat Panel Displays & Methods for Forming Same"

Reel: 8280

Frame: 0362

☒ Patent: 5865930

☐ In re application:

Application No.:

Filed: 7/11/1997

For: "Spacer Structures for Use in Flat Panel Displays and Methods for Forming Same"

Reel: 8280

Frame: 0362

☒ Patent: 5916396

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 4 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 10/31/1997

For: "Formation of Spacers Suitable for Use in Flat Panel Displays"

Reel: 8280

Frame: 0362

☒ Patent: 5985067

☐ In re application:

Application No.:

Filed: 2/26/1999

For: "Spacer Structures for Use in Flat Panel Displays and Methods for Forming Same"

Reel: 8280

Frame: 0362

☒ Patent: 6157123

☐ In re application:

Application No.:

Filed: 7/1/1993

For: "Structure & Method for enhancing electron emission from carbon containing cathode"

Reel: 8274

Frame: 0675

☒ Patent: 5463271

☐ In re application:

Application No.:

Filed: 5/22/1995

For: "Method for enhancing electron emission from carbon-containing cathode"

Reel: 8315

Frame: 0573

☒ Patent: 5728435

☐ In re application:

Application No.:

Filed: 9/8/1993

For: "Fabrication of filamentary field-emission device, including self-aligned gate"

Reel: 8280

Frame: 0215

☒ Patent: 5462467

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 5 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 11/24/1993

For: "Electron emitting devices having variously constituted electron emissive elements, including cones or pedestals"

☒ Patent: 5559389

Reel: 8274

Frame: 0682

☐ In re application:

Application No.:

Filed: 6/29/1994

For: "Use of charged-particle tracks in fabricating gated electron-emitting devices"

☒ Patent: 5564959

Reel: 8274

Frame: 0668

☐ In re application:

Application No.:

Filed: 5/1/1995

For: "Field emitter fabrication using charged particle tracks"

☒ Patent: 5562516

Reel: 8283

Frame: 0492

☐ In re application:

Application No.:

Filed: 5/22/1995

For: "Field Emission Device That Utilizes Filamentary Electron-Emissive Elements and Typically Has Self-Aligned Gate"

☒ Patent: 5851669

Reel: 8280

Frame: 0041

☐ In re application:

Application No.:

Filed: 12/7/1995

For: "Use of Early-Formed Lift-off Layer in Fabricating Gated Electron-Emitting Devices"

☒ Patent: 5827099

Reel: 8280

Frame: 0005

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 6 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 7/12/1996

For: "Use of Charged-Particle Tracks in Fabricating Electron-Emitting Device Having Resistive Layer"

Reel: 8280

Frame: 0101

☒ Patent: 5813892

☐ In re application:

Application No.:

Filed: 5/12/1997

For: "Fabrication of Electronic Devices By Method That Involves Ion Tracking"

Reel: 8274

Frame: 0668

☒ Patent: 5913704

☐ In re application:

Application No.:

Filed: 6/30/1998

For: "Structure and Fabrication of Filamentary Field-Emission Device, Including Self-aligned Gate"

Reel: 8280

Frame: 0041

☒ Patent: 6204596

☐ In re application:

Application No.:

Filed: 6/29/1994

For: "Electron-emitting devices utilizing electron-emissive particles which typically contain carbon"

Reel: 8237

Frame: 0378

☒ Patent: 5608283

☐ In re application:

Application No.:

Filed: 1/3/1997

For: "Fabrication of Electron-Emitting Devices Utilizing Electron-Emissive Particles Which Typically Contain Carbon"

Reel: 8391

Frame: 0439

☒ Patent: 5900301

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 7 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:
Application No.:
Filed: 6/22/1993
For: "Flat panel device with ceramic backplate"

Reel: 8280
Frame: 0337

☒ Patent: 5686790

☐ In re application:
Application No.:
Filed: 6/7/1995
For: "Fabrication of Flat Panel Device Having Backplate That Includes Ceramic Layer"

Reel: 8280
Frame: 0034

☒ Patent: 5672083

☐ In re application:
Application No.:
Filed: 1/31/1994
For: "Field emitter with focusing ridges situated to sides of gate"

Reel: 8313
Frame: 0495

☒ Patent: 5528103

☐ In re application:
Application No.:
Filed: 6/29/1994
For: "Fabrication of electron-emitting structures using charged-particle tracks and removal of emitter material"

Reel: 8280
Frame: 0117

☒ Patent: 5607335

☐ In re application:
Application No.:
Filed: 6/1/1994
For: "Structure and fabrication of gated electron-emitting device having electron optics to reduce electron beam divergence"

Reel: 8274
Frame: 0658

☒ Patent: 5552659

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 8 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 10/24/1995

For: "Technique for increasing manufacturing yield of matrix addressable devices and related device structure"

Reel: 8280

Frame: 0094

☒ Patent: 5897414

☐ In re application:

Application No.:

Filed: 2/28/1997

For: "Polycarbonate-containing liquid chemical formulation and method for making polycarbonate film"

Reel: 8668

Frame: 0471

☒ Patent: 6180698

☐ In re application:

Application No.:

Filed: 2/28/1997

For: "Plasma etching using polycarbonate mask and low pressure-high density plasma"

Reel: 8637

Frame: 0582

☒ Patent: 5972235

☐ In re application:

Application No.:

Filed: 6/7/1996

For: "Fabrication of gated electron-emitting devices utilizing distributed particles to define gate openings, typically in combination with lift-off of excess emitter material"

Reel: 8280

Frame: 0188

☒ Patent: 6187603

☐ In re application:

Application No.:

Filed: 2/28/1997

For: "Formation of Polycarbonate Film with Apertures Determined By Etching Charged-Particles Tracks"

Reel: 8670

Frame: 0716

☒ Patent: 5914150

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 9 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 7/17/1996

For: "Spacer locator design for three dimensional focusing structure in a flat panel display"

Reel: 8280

Frame: 0110

☒ Patent: 5859502

☐ In re application:

Application No.:

Filed: 1/16/1998

For: "Structure and Fabrication of Flat Panel Display With Specially Arranged Spacer"

Reel: 9254

Frame: 0941

☒ Patent: 6049165

☐ In re application:

Application No.:

Filed: 7/18/1996

For: "Method for Displaying Frame of Pixel Information on Flat Panel Display"

Reel: 8280

Frame: 0001

☒ Patent: 5898266

☐ In re application:

Application No.:

Filed: 9/25/1998

For: "Spacer structures for a flat panel display & methods for operating same"

Reel: 8280

Frame: 0001

☒ Patent: 6064157

☐ In re application:

Application No.:

Filed: 9/25/1998

For: "Spacer structures for a flat panel display & methods for operating same"

Reel: 8280

Frame: 0001

☒ Patent: 6002198

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 10 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 6/7/1996

For: "Formation of layer having openings produced by utilizing particles deposited under influence of electric field"

☒ Patent: 5755944

Reel: 8190

Frame: 0735

☐ In re application:

Application No.:

Filed: 6/7/1996

For: "Fabrication of gated electron-emitting device utilizing distributed particles to define gate openings, and utilizing spacer material to control spacing between gate layer and electron-emitting elements"

☒ Patent: 5865659

Reel: 8463

Frame: 0931

☐ In re application:

Application No.:

Filed: 9/11/1998

For: "Fabrication of gated electron-emitting device utilizing distributed particles to define gate openings, and utilizing spacer material to control spacing between gate layer and electron-emitting elements"

☒ Patent: 6019658

Reel: 8463

Frame: 0931

☐ In re application:

Application No.:

Filed: 6/7/1996

For: "Fabrication of gated electron-emitting device utilizing distributed particles to form gate openings, typically beveled and/or combined with lift off or electrochemical removal of excess emitter material"

☒ Patent: 5865657

Reel: 8189

Frame: 0345

☐ In re application:

Application No.:

Filed: 3/5/1996

For: "Electrochemical removal of material, particularly excess emitter material in electron-emitting device"

☒ Patent: 5766446

Reel: 8463

Frame: 0888

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 11 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 6/30/1997

For: "Impedance-Assisted Electrochemical Removal of Material, Particularly Excess Emitter Material in Electron-Emitting Device"

☒ Patent: 5893967

Reel: 9024

Frame: 0673

☐ In re application:

Application No.:

Filed: 7/30/1997

For: "Multi-Step Removal of Excess Emitter Material in Fabricating Electron-Emitting Device"

☒ Patent: 6027632

Reel: 8994

Frame: 0988

☐ In re application:

Application No.:

Filed: 12/12/1996

For: "Gap jumping to seal structure including tacking of structure"

☒ Patent: 5820435

Reel: 8764

Frame: 433

☐ In re application:

Application No.:

Filed: 12/12/1996

For: "Gap jumping to seal structure including tacking of structure"

☒ Patent: 5820435

Reel: 9220

Frame: 0870

☐ In re application:

Application No.:

Filed: 4/29/1997

For: "Use of sacrificial masking layer and backside exposure in forming openings that typically receive light-emissive material, and associated light-emitting structure"

☒ Patent: 6046539

Reel: 8708

Frame: 0961

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 12 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Reel: 8764

Application No.:

Frame: 37

Filed: 12/12/1996

For: "Local energy activation of getter typically in environment below room pressure"

☒ Patent: 6139390

☐ In re application:

Reel: 8500

Application No.:

Frame: 0806

Filed: 12/23/1996

For: "Method of increasing resistance of flat - panel device to bending, and associated getter-containing flat-panel device"

☒ Patent: 5964630

☐ In re application:

Reel: 8872

Application No.:

Frame: 0861

Filed: 5/30/1997

For: "Structure and Fabrication of Electron-Emitting Device Having Ladder-like Emitter Electrode"

☒ Patent: 6002199

☐ In re application:

Reel: 8872

Application No.:

Frame: 0861

Filed: 8/28/1997

For: "Structure and Fabrication of Electron-Emitting Device Having Large Control Openings in Specified, Typically Centered, Relationship to Focus Openings"

☒ Patent: 6201343

☐ In re application:

Reel: 8872

Application No.:

Frame: 0861

Filed: 5/28/1999

For: "Fabrication of Electron Emitting Device Having Ladder-Like Emitter Electrode"

☒ Patent: 6146226

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 13 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:
Application No.:
Filed: 7/30/1997
For: "Device and Method for Magnetically Sensing Current in Plate Structure"

Reel: 8688
Frame: 0585

☒ Patent: 6107806

☐ In re application:
Application No.:
Filed: 12/12/1996
For: "Gap jumping to seal structure typically using combination of vacuum and non-vacuum environments"

Reel: 8516
Frame: 0662

☒ Patent: 6109994

☐ In re application:
Application No.:
Filed: 12/12/1996
For: "Multi-compartment Getter-Containing Flat-Panel Display"

Reel: 8499
Frame: 0304

☒ Patent: 5977706

☐ In re application:
Application No.:
Filed: 2/25/1999
For: "Multi-compartment Getter-Containing Flat-Panel Display"

Reel: 8499
Frame: 0304

☒ Patent: 6194830

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 14 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 4/30/1997

For: "Field emitter fabrication using open circuit electrochemical lift off"

Reel: 8771

Frame: 0798

☒ Patent: 5863233

☐ In re application:

Application No.:

Filed: 5/30/1997

For: "Structure & Fabrication of Electron-Emitting Device Having Focus Coating that Extends Partway into Focus Openings"

Reel: 8872

Frame: 0811

☒ Patent: 6013974

☐ In re application:

Application No.:

Filed: 6/30/1997

For: "Multi-layer Resistor Suitable for Electron-Emitting Device and Associated Fabrication Method"

Reel: 8996

Frame: 0251

☒ Patent: 6013986

☐ In re application:

Application No.:

Filed: 5/30/1997

For: "Structure and Fabrication of Electron-Emitting Device Having Focus Coating Contacted Through Underlying Access Conductor"

Reel: 8872

Frame: 0835

☒ Patent: 5920151

☐ In re application:

Application No.:

Filed: 7/30/1997

For: "Magnetic Detection of Short Circuit Defects in Plate Structure"

Reel: 8688

Frame: 0589

☒ Patent: 6118279

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 15 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Reel: 9119

Application No.:

Frame: 0929

Filed: 9/30/1997

For: "Selective Removal of Material Using Self-Initiated Galvanic Activity in Electrolytic Bath"

☒ Patent: 6007695

☐ In re application:

Reel: 9119

Application No.:

Frame: 0959

Filed: 9/30/1997

For: "Cleaning of Electron-Emissive Elements"

☒ Patent: 6004180

☐ In re application:

Reel: 8801

Application No.:

Frame: 0236

Filed: 10/31/1997

For: "Undercutting Technique for Creating Coating in Spaced-Apart Segments"

☒ Patent: 6008062

☐ In re application:

Reel: 8932

Application No.:

Frame: 0447

Filed: 6/30/1997

For: "Electrochemistry for Removing Material, Particularly Excess Emitter Material in Electron-Emitting Device"

☒ Patent: 6120674

☐ In re application:

Reel: 9705

Application No.:

Frame: 0543

Filed: 10/31/1997

For: "Patterned Resistor Suitable for Electron-Emitting Device, and Associated Fabrication Method"

☒ Patent: 6144144

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 16 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 10/31/1997

For: "Protection of Electron-Emissive Elements Prior to Removing Excess Emitter Material During Fabrication of Electron-Emitting Device"

☒ Patent: 6010383

Reel: 8801

Frame: 0228

☐ In re application:

Application No.:

Filed: 5/26/1998

For: "Cleaning of Flat-Panel Display "

☒ Patent: 6113708

Reel: 9599

Frame: 0069

☐ In re application:

Application No.:

Filed: 2/27/1998

For: "Non-Hazardous Wet Etching Method"

☒ Patent: 6103095

Reel: 9424

Frame: 0649

☐ In re application:

Application No.:

Filed: 2/27/1998

For: "Design and Fabrication of Flat-Panel Display Having Energy-Accommodating Spacer System"

☒ Patent: 5990614

Reel: 9364

Frame: 0032

☐ In re application:

Application No.:

Filed: 3/31/1998

For: "Flat-Panel Display Having Spacer With Laterally Segmented Face Electrode"

☒ Patent: 6107731

Reel: 9256

Frame: 0375

ASSIGNMENT (DOCUMENT) COVER SHEET
(ADDED PAGE 17 of 17)

NOTE: DO NOT enter application AND patent number

**FURTHER APPLICATION(S) OR
PATENTS BEING ASSIGNED**

**DETAILS OF PRIOR
RECORDAL (IF ANY)**

☐ In re application:

Application No.:

Filed: 4/30/1998

For: "Structure and Fabrication of Electron-Emitting Device Having Electrode With Openings that Facilitate Short-Circuit Repair"

☒ Patent: 6107728

Reel: 9403

Frame: 0082

INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (the "Assignment Agreement"), effective as of December 5, 2000 (the "Effective Date"), is made by and among Candescent Technologies Corporation ("Candescent-U.S."), a California corporation having offices at 6320 San Ignacio Avenue, San Jose, California 95119, USA, Candescent-International Corporation Ltd. ("Candescent-International"), a Bermuda corporation having offices at Clarendon House, 2 Church Street, Hamilton HM11, Bermuda, and Candescent Intellectual Property Services, Inc. ("Candescent-Holding"), a Delaware corporation having offices at 6320 San Ignacio Avenue, San Jose, California 95119, USA.

BACKGROUND

Concurrent with the execution of this Assignment Agreement, Candescent-Holding and Candescent-U.S. have entered into a Candescent Intellectual Property Services, Inc. Stock Purchase Agreement, whereby Candescent-Holding will issue shares of its equity securities to Candescent-U.S., and an Intellectual Property License and Cooperation Agreement, whereby Candescent-U.S. will receive from Candescent-Holding a license to certain intellectual property (the "Holding/U.S. License Agreement").

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, it is agreed by and among the parties as follows:

1. Definitions. Except as defined below, all capitalized terms shall have the meaning set forth in the Framework Agreement.

1.1. "Agreements" shall have the meaning set forth in Section 1.3 of the Framework Agreement, which is hereby incorporated herein by reference.

1.2. "Candescent Intellectual Property" shall have the meaning set forth in Section 1.13 of the Framework Agreement, which is hereby incorporated by reference.

1.3. "Framework Agreement" shall mean that certain Amended and Restated Framework Agreement dated October 5, 2000, entered into by and among Candescent-U.S., Candescent-International, and Sony Corporation ("Sony").

1.4. "Holding/Sony License Agreement" shall mean that certain Holding/Sony License Agreement dated December 5, 2000, entered into by and between Candescent-Holding and Sony.

1.5. "Candescent U.S. Patent Rights" shall mean Candescent Intellectual Property consisting of patents and patent applications arising under the laws of the United States.

1.6. "Sony/U.S. License Agreement" shall mean that certain Sony/U.S. License Agreement dated December 5, 2000, entered into by and among Candescent-U.S., Candescent-International and Sony.

1.7. "Subject-Party Capture Period" shall mean the period ending January 1, 2007, unless earlier terminated as provided in the Framework Agreement and/or Holding/Sony License Agreement. In no event shall the Subject-Party Capture Period extend beyond either the Subject-Party Capture Period of the Framework Agreement or the Subject-Party Capture Period of the Holding/Sony License Agreement.

1.8. "Voting Interest" shall have the meaning set forth in Section 1.98 of the Framework Agreement, which is hereby incorporated herein by reference.

1.9. "Wholly Owned Affiliate" shall have the meaning set forth in Section 1.99 of the Framework Agreement, which is hereby incorporated herein by reference.

2. Assignment of Candescent Intellectual Property.

2.1. Existing Candescent Intellectual Property.

2.1.1 U.S. Patents. Subject to any non-exclusive licenses granted by Candescent-U.S. prior to the Effective Date hereof (including but not limited to the licenses to Sony contemplated by the Agreements), Candescent-U.S. hereby assigns to Candescent-Holding an undivided joint ownership interest in all Candescent U.S. Patent Rights existing as of the Effective Date, provided that Candescent-Holding simultaneously grants a license under such Candescent U.S. Patent Rights back to Candescent-U.S. in accordance with the terms and conditions of the Holding/U.S. License Agreement.

2.1.2 Other Candescent Intellectual Property. Subject to any non-exclusive licenses granted by Candescent-U.S. prior to the Effective Date hereof (including but not limited to the licenses to Sony contemplated by the Agreements), Candescent-U.S. hereby assigns to Candescent-Holding sole ownership of Candescent Intellectual Property (other than Candescent U.S. Patent Rights) existing as of the Effective Date, provided that Candescent-Holding simultaneously grants a license under such Candescent Intellectual Property back to Candescent-U.S. in accordance with the terms and conditions of the Holding/U.S. License Agreement.

2.1.3 Candescent-International. Candescent-U.S. and Candescent-International represent and warrant to Candescent-Holding that Candescent-International does not own any Candescent Intellectual Property as of the Effective Date.

2.2. Future Candescent Intellectual Property.

2.2.1 U.S. Patents. Subject to any non-exclusive licenses granted by Candescent-U.S. or Candescent-International or any Wholly Owned Affiliates of either of them, Candescent-U.S. and Candescent-International each agree to assign, and to cause each Wholly Owned Affiliate of either of them (other than Candescent-Holding) to assign, and do hereby

assign to Candescent-Holding an undivided joint ownership interest in all Candescent U.S. Patent Rights of each such entity which come into existence after the Effective Date, provided that Candescent-Holding simultaneously grants a license under such Candescent U.S. Patent Rights back to Candescent-U.S. in accordance with the terms and conditions of the Holding/U.S. License Agreement.

2.2.2 Other Future Candescent Intellectual Property. Subject to any non-exclusive licenses granted by Candescent-U.S. or Candescent-International or any Wholly Owned Affiliates of either of them, Candescent-U.S. and Candescent-International each agree to assign, and to cause each Wholly Owned Affiliate of either of them (other than Candescent-Holding) to assign, and do hereby assign to Candescent-Holding sole ownership of Candescent Intellectual Property (other than Candescent U.S. Patent Rights) of each such entity which comes into existence after the Effective Date, provided that Candescent-Holding simultaneously grants a license under such Candescent Intellectual Property back to Candescent-U.S. in accordance with the terms and conditions of the Holding/U.S. License Agreement.

2.2.3 Timing and Effectiveness. The assignments set forth in Sections 2.2.1 and 2.2.2 above shall become effective upon the later of (i) the time at which the assigning entity obtains ownership of the respective Candescent Intellectual Property, or (ii) (A) with respect to patent applications (and patents resulting therefrom) upon filing of the respective application, and (B) with respect to copyrights and trade secrets the time at which such copyrights and trade secrets come into existence under applicable law.

2.3 Non-Assignable Candescent Intellectual Property. In the event that both (i) joint ownership of Candescent U.S. Patent Rights cannot be assigned to Candescent-Holding in accordance with Sections 2.1.1 and 2.2.1 and/or sole ownership of Candescent Intellectual Property (other than Candescent U.S. Patent Rights) cannot be assigned to Candescent-Holding in accordance with Sections 2.1.2 and 2.2.2, and (ii) Candescent-U.S., Candescent-International or any Wholly Owned Affiliate of either of them (other than Candescent-Holding) has the right and ability to grant an exclusive license to Candescent-Holding as set forth below with the right to sublicense through multiple tiers of sublicensees (including to Candescent-U.S. in accordance with the Holding/U.S. License Agreement with the right to grant sublicenses and to Sony in accordance with the Holding/Sony License Agreement), the following license will be granted. In such event of (i) and (ii) above, Candescent-U.S. and Candescent-International grant, and agree to cause any Wholly Owned Affiliates of either of them (except Candescent-Holding) to grant, to Candescent-Holding an exclusive (except with respect to Candescent-U.S., Candescent-International and any Affiliates of any of these entities), royalty-free, transferable, irrevocable, worldwide license (with rights to sublicense through multiple tiers of sublicensees) to practice such non-assignable Candescent Intellectual Property of each such entity. If such non-assignable Candescent Intellectual Property is not licensable as set forth in (ii) above, then such non-assignable Candescent Intellectual Property will be licensed in accordance with the terms of the Sony/U.S. License Agreement.

2.4 Further Assurances. Candescent-U.S. and Candescent-International agree, and agree to cause the Wholly Owned Affiliates of such entity (other than Candescent-Holding), to

execute all documents and take all other actions requested by Candescend-Holding which are reasonably necessary, proper or advisable to evidence, consummate and make effective the assignments set forth in this Section 2. In the event any such entity is unable or unwilling to execute any such document or take any such action, each of them hereby appoints Candescend-Holding as its attorney-in-fact to execute such documents and take such actions on their behalf. Such appointment shall be deemed a power coupled with an interest and is therefore irrevocable for the term of this Assignment Agreement. Candescend-Holding shall only exercise such power if the applicable entity fails to execute the necessary document or take the necessary action within thirty (30) business days of Candescend-Holding's written request to do so.

2.5 Tangible Materials. No equipment or other tangible materials are transferred or assigned by reason of this Assignment Agreement.

3. Representation and Warranties.

3.1. Authority. Candescend-U.S. and Candescend-International each represent and warrant to Candescend-Holding, and Candescend-Holding represents and warrants to each of Candescend-U.S. and Candescend-International, that (i) it has the full right and authority to enter into this Assignment Agreement and grant the respective rights granted by it herein; and (ii) it has not previously granted and will not grant any rights in conflict with the respective rights granted by it herein.

3.2. Disclaimer. ALL CANDESCEND INTELLECTUAL PROPERTY IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. CANDESCEND-U.S., CANDESCEND-INTERNATIONAL, AND EACH WHOLLY OWNED AFFILIATE OF EITHER OF THEM EXPRESSLY DISCLAIM ANY WARRANTIES OR CONDITIONS, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, WITH RESPECT TO THE CANDESCEND INTELLECTUAL PROPERTY, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY, NON-INFRINGEMENT, OR FITNESS FOR A PARTICULAR PURPOSE, VALIDITY OF CANDESCEND INTELLECTUAL PROPERTY, PATENTED OR UNPATENTED, AND NON-INFRINGEMENT OF THE INTELLECTUAL PROPERTY RIGHTS OF THIRD PARTIES.

4. Term and Termination.

4.1. Term. This Assignment Agreement shall become effective upon the later of (i) the execution and delivery of the Holding/U.S. License Agreement and (ii) the date first set forth above and shall continue in effect until the end of the Subject-Party Capture Period, unless earlier terminated as set forth below.

4.2. Termination. Any party hereto shall have the right to terminate this Assignment Agreement at any time upon written notice to the other parties hereto upon termination or expiration of Candescend-U.S.'s and Candescend-International's obligation to assign ownership of Candescend Intellectual Property to Candescend-Holding under the Framework Agreement. In the event of termination, assignments of ownership of Candescend Intellectual Property completed (as described in Section 2.2.3) prior to the date of termination shall remain in effect;

provided that Candescent-U.S., Candescent-International and their Wholly Owned Affiliates shall have no obligation to assign any additional Candescent Intellectual Property after such termination.

5. General Provisions.

5.1. Governing Law. The Assignment Agreement and any dispute arising from the performance or breach hereof shall be governed by and construed and enforced in accordance with, the laws of the State of California, without reference to conflicts of laws.

5.2. Notices. All notices, requests and other communications under this Assignment Agreement shall be in writing and shall be personally delivered or sent by registered or certified mail, return receipt requested, postage prepaid, or by commercial overnight courier service with tracking capabilities, costs prepaid, in each case to the address first set forth above, or such other address as may be specified in writing to the other parties hereto.

5.3. Severability. In the event any provision of this Assignment Agreement is found to be invalid, illegal or unenforceable in any jurisdiction, the parties shall negotiate in good faith a valid, legal and enforceable substitute provision that most nearly reflects the original intent of the parties and all other provisions hereof shall remain in full force and effect in such jurisdiction and shall be liberally construed in order to carry out the intentions of the parties hereto as nearly as may be possible. Such invalidity, illegality or unenforceability shall not affect the validity, legality or enforceability of such provision in any other jurisdiction.

5.4. Modification; Waivers. No amendment, modification or waiver of any provision of this Assignment Agreement shall be effective unless in writing signed by all parties hereto. No provision of this Assignment Agreement shall be varied, contradicted or explained by any oral agreement, course of dealing or performance or any other matter not set forth in an agreement in writing and signed by all parties.

5.5. Counterparts; Third Party Beneficiaries. This Assignment Agreement may be signed in any number of counterparts, each of which shall be deemed an original, and all of which together, shall constitute one and the same instrument. No provision of this Assignment Agreement is intended to confer upon any person or entity other than the parties hereto any rights or remedies hereunder.

5.6. Assignment. This Assignment Agreement shall not be assignable (by operation of law or otherwise) by either party; except (i) by Candescent-U.S. and/or Candescent-International in connection with an assignment of the Agreements in accordance with Section 8.8 of the Framework Agreement, and (ii) by Candescent-Holding in connection with an assignment of the Holding/Sony License Agreement in accordance with Section 10.8 of the Holding/Sony License Agreement.

5.7. No Implied Waivers; Rights Cumulative. No failure on the part of any party to exercise and no delay in exercising any right under this Assignment Agreement, or provided by statute or at law or in equity or otherwise, shall impair, prejudice or constitute a waiver of any

such right, nor shall any partial exercise of any such right preclude any other or further exercise thereof or the exercise of any other right.

5.8. Independent Contractors. Nothing contained in this Assignment Agreement is intended implicitly, or is to be construed, to constitute Candescent-U.S., Candescent-International and Candescent-Holding as partners in the legal sense. Except as provided in Section 2.3 ("Further Assurances"), no party hereto shall have any express or implied right or authority to assume or create any obligations on behalf of or in the name of any other party or to bind any other party to any contract, agreement or undertaking with any third party.


5.9. Entire Agreement. This Assignment Agreement, the Candescent Intellectual Property Services, Inc. Stock Purchase Agreement and the Intellectual Property License and Cooperation Agreement embody the entire understanding between the parties with respect to their subject matter and supersede all previous communications, representations or understandings with respect thereto, either oral or written.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have caused this Assignment Agreement to be duly executed as of the date first above written.

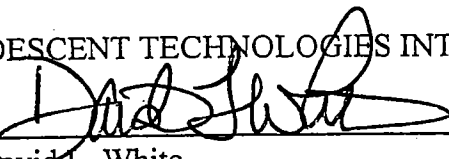
CANDESCENT TECHNOLOGIES CORPORATION

By: _____

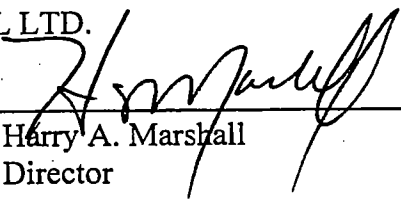

David L. White
President & C.E.O.

CANDESCENT TECHNOLOGIES INTERNATIONAL LTD.

By: _____

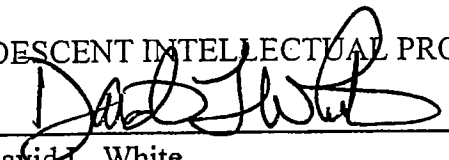

David L. White
President

By: _____


Harry A. Marshall
Director

CANDESCENT INTELLECTUAL PROPERTY SERVICES, INC.

By: _____


David L. White
President