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

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

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	1010	07000	
To the Honorable Commissioner of thereof.	f Patents and Trademarks:	Please record the attached	original documents or copy
Name of conveying party(ies):	2. Name and address of	receiving party(ies):
Candescent Technologie	es Corporation	Candescent Intell	lectual Property
6320 San Ignacio Ave.	o corporation	Services, Inc.	icocaar rroporty
San Jose, CA 95119		6320 San Ignacio	Ave.
,		San Jose, CA 951	
3. Nature of conveyance:			4 4 (3)
Security Agreement			
☐ Merger			
Change of Name			
☐ Other:		Additional name(s) & ad	dress(es) attached?
		□ yes 🗖 no	
Execution Date:			
4. Application number(s) or pate	ent number(s):		
If this document is being filed t	together with a new appli	ication, the execution date	is:
A. Patent Application No.(s):		B. Patent No.(s):	
SEE ATTACHED		• • •	
	Additional numbers a	ittached? 🌠 yes 🗅 no	
5. Name and address of party to	whom	6. Total number of appl	ications involved: 30
correspondence concerning th	e document should be	7. Total fee (37 CFR 3.41	1) <u>\$</u>
mailed:			
		enclosed	
Wagner, Murabito & Hao	LLP	Authorized to be ch	narged to Deposit Acco
2 N. Market Street			
Third Floor		8. Deposit Account num	
San Jose, CA 95113		(Attach duplicate copy of t	his page if paying by depo
ph. (408) 938-9060		account)	
fax (408) 938-9069			
	DO NOT USE	THIS SPACE	
9. Statement and Signature.			
	_		
To the best of my knowledge ar		tormation is true and corre	ect and any attached co
true copy of the original docum	ent.		
111	,		-
-1/1/1/10h		5-17	-01
Theodore S. Fahlen		Date	
Theodore S. Fanien Vice President of Intel	lectual Property a		
VICO TIESTAGIL OF THEET.	/		
		r sheet, attachments, and do	ocuments:
18 1 Se . 19 (000 1 E 230 Per 1 00 38)	409		
	1		

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 1 of 6)

NOTE: DO NOT enter application AND patent number

DETAILS OF PRIOR FURTHER APPLICATION(S) OR PATENTS BEING ASSIGNED RECORDAL (IF ANY) Reel: 11377 In re application: Application No.: 08/383,409 Frame: 0796 Filed: 1/31/1995 For: "Method for creating gated filament structures for field emission displays" □ Patent: In re application: Reel: 11447 Frame: 0014 Application No.: 09/141,697 Filed: 8/28/1998 For: "Gated filament structures for a field emission display" □ Patent: Reel: 10463 ☑ In re application: Application No.: 09/364,763 Frame: 0250 Filed: 7/30/1999 For: "Method for Creating a Color Filter on a Flat Panel Display Screen Structure" □ Patent: Reel: 10153 In re application: Frame: 0133 Application No.: 09/398,369 Filed: 9/16/1999 For: "Wall Assembly and Method for Attaching Walls for Flat Panel Display" □ Patent: Reel: 10153 In re application: Frame: 0133 Application No.: 09/397,791 Filed: 9/16/1999 For: "Wall Assembly and Method for Attaching Walls for Flat Panel Display" □ Patent:

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 2 of 6)

NOTE: DO NOT enter application AND patent number

	URTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
×	In re application:	Reel: 9281
	Application No.: 09/425,835	Frame: 0940
	Filed: 10/21/1999	
	For: "Gate Electrode Formation Method"	
	Patent:	
		Deel, 0000
×		Reel: 9300
	Application No.: 09/490,556	Frame: 0027
	Filed: 1/25/2000	
	For: "Display Column Driver With Chip-to-Chip Settling Time Matching Means"	
	Patent:	
×	In re application:	Reel: 10129
	Application No.: 09/258,021	Frame: 0841
	Filed: 2/25/1999	
	For: "Row Electrode Anodization"	
	Patent:	
×	In re application:	Reel: 11393
_	Application No.: 09/588,118	Frame: 0396
	Filed: 5/31/2000	
	For: "Dual-Layer Metal for Flat Panel Display"	
П	Patent:	
	ratent.	
Į.C.A.	In re-application:	Reel: 9667
×	In re application:	Frame: 0778
	Application No.: 09/660,318	i raille. 0770
	Filed: 9/12/2000 For: "Conductive Focus Waffle"	
	TOI. Conductive rocus vvaine	
	Patent:	

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 3 of 6)

NOTE: DO NOT enter application AND patent number

F	URTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
D	In re application:	Reel: 9562
	Application No.: 09/505,823	Frame: 0967
	Filed: 2/29/2000	
	For: "Encapsulated Black Matrix"	
С	Patent:	
5	In re application:	Reel: 11412
	Application No.: 09/627,355	Frame: 0191
	Filed: 7/28/2000	
	For: "Protected Substrate Structure for a Field Emission Display Device"	
] Patent:	
		
5	In re application:	Reel: 9364
	Application No.: 09/531,021	Frame: 0660
	Filed: 3/20/2000	
	For: "Cleaning of Components of Flat Panel Display"	
] Patent:	
		Reel: 9364
D		Frame: 0660
	Application No.: 09/680,989	Frame: 0000
	Filed: 10/6/2000	
	For: "Tailored Spacer Structure Coating"	
[Patent:	
K	In re application:	Reel: 9573
D		Frame: 0978
	Application No.: 09/405,281 Filed: 9/23/1999	1 fame. 0370
	For: "System and Method for Improving Emitter Life in Flat Panel Field Emission	on Displays"
	Patent:	

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 4 of 6)

NOTE: DO NOT enter application AND patent number

	JRTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
×	In re application:	Reel: 9573
	Application No.: 09/588,267	Frame: 0978
	Filed: 6/5/2000	
	For: "System and Method for Improving Emitter Life in Flat Panel Field Emission	n Displays"
	Patent:	
×	In re application:	Reel: 9571
	Application No.: 09/493,698	Frame: 0268
	Filed: 1/28/2000	
	For: "Procedures and Apparatus for Turning-On and Turning-Off Elements With	in a Field Emission Display Device"
	Patent:	
X	In re application:	Reel: 9571
	Application No.: 09/695,593	Frame: 0268
	Filed: 10/23/2000	
	For: "Procedures and Apparatus for Turning-On and Turning-Off Elements With	in a Field Emission Display Device"
	Patent:	
×	In re application:	Reel: 9571
	Application No.: 09/767,329	
	Filed: 1/22/2001	Frame: 0268
	For: "Procedures and Apparatus for Tuning-On and Turning-Off Elements Within	a a Field Emission Display Device"
	Tot. Trocedures and Apparatus for running-on and running-on Elements within	Ta Field Effission Display Device
	Patent:	
R ZI	In re application:	Pool: 104921
×		Reel: 104631
	Application No.: 09/361,334 Filed: 7/26/1999	Frame: 0945
	For: "Auxiliary Chamber & Display Device With Improved Contaminant Removal	п
	Patent:	

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 5 of 6)

NOTE: DO NOT enter application AND patent number

!	FURTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
5	In re application:	Reel: 9637
	Application No.: 09/506,475	Frame: 0308
	Filed: 2/29/2000	
	For: "Improved Auxiliary Chamber"	
] Patent:	
	In re application:	Reel: 9810
•	Application No.: 09/258,502	Frame: 0839
	Filed: 2/26/1999	Traine. 0009
	For: "Tailored Spacer Wall Coatings"	
	1 of . Tanord opacer Wall Coatings	
	Patent:	
	In re application:	Reel: 11146
	Application No.: 09/493,697	Frame: 0164
	Filed: 1/28/2000	
	For: "Tailored Spacer Wall Coatings "	
	Patent:	
<u> </u>		
Z	In re application:	Reel: 9878
	Application No.: 09/281,563	Frame: 0557
	Filed: 3/30/1999	
	For: "A Circuit and Method for Display of Interlaced and Non-Interlaced Video I	nformation on a Flat Panel Display"
_	Patent:	
	r atom.	
RO	In re application:	Pool: 10197
×		Reel: 10137
	Application No.: 09/310,464 Filed: 5/12/1999	Frame: 0122
	For: "Electroplated Structure for a Flat Panel Display Device"	
	Patent:	

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

NOTE: DO NOT enter application AND patent number

	URTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
×	In re application:	Reel: 10137
	Application No.: 09/660,038	Frame: 0122
	Filed: 9/12/2000	
	For: "Method & Apparatus Related to an Electroplated Str	ucture for a Flat Panel Display Device"
	Patent:	
×	• •	Reel: 10747
	Application No.: 09/427,781	Frame: 0027
	Filed: 10/19/1999	
	For: "Electrode Structure & Method for Forming Electrode	Structure for a Flat Panel Display"
	Patent:	
63	la va analization.	D 14000
X	In re application:	Reel: 11393
	Application No.: 09/588,115	Frame: 0356
	Filed: 5/31/2000	
	For: "Multilayer Electrode Structure and method for Formi	ng Multilayer Electrode Structure for a Flat Panel display Device"
	Patent:	
_		
×	In re application:	Reel: 11342
	Application No.: 09/727,952	Frame: 0429
	Filed: 11/30/2000	
	For: "A Method and System for Infrared Detection of Elec	trical Short Defects"
	Patent:	

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. <u>Definitions</u>. 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. "<u>Framework Agreement</u>" 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>U.S. Patents</u>. 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 <u>Candescent-International</u>. 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>U.S. Patents</u>. 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.
- 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 nonassignable 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

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execute all documents and take all other actions requested by Candescent-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 Candescent-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. Candescent-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 Candescent-Holding's written request to do so.

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

3. Representation and Warranties.

- 3.1. Authority. Candescent-U.S. and Candescent-International each represent and warrant to Candescent-Holding, and Candescent-Holding represents and warrants to each of Candescent-U.S. and Candescent-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 CANDESCENT INTELLECTUAL PROPERTY IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. CANDESCENT-U.S., CANDESCENT-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 CANDESCENT INTELLECTUAL PROPERTY, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY, NON-INFRINGEMENT, OR FITNESS FOR A PARTICULAR PURPOSE, VALIDITY OF CANDESCENT 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. <u>Termination</u>. 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 Candescent-U.S.'s and Candescent-International's obligation to assign ownership of Candescent Intellectual Property to Candescent-Holding under the Framework Agreement. In the event of termination, assignments of ownership of Candescent Intellectual Property completed (as described in Section 2.2.3) prior to the date of termination shall remain in effect;

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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

-5-

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]

be duly executed as of the date first above written. CANDESCENT TECHNOLOGIES CORPORATION By: President & C.E.O. CANDESCENT TECHNOLOGIES INTERNATIONAL LTD. By: President Director

IN WITNESS WHEREOF, the parties hereto have caused this Assignment Agreement to

L PROPERTY SERVICES, INC.

By: David L. White

President

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 1 of 6)

NOTE: DO NOT enter application AND patent number

	URTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	RECORDAL (IF ANY)
×	In re application:	Reel: 11377
	Application No.: 08/383,409	Frame: 0796
	Filed: 1/31/1995	
	For: "Method for creating gated filament structures for field emission displays"	
	Patent:	
×	In re application:	Reel: 11447
	Application No.: 09/141,697	Frame: 0014
	Filed: 8/28/1998	
	For: "Gated filament structures for a field emission display"	
	Patent:	
X	In re application:	Reel: 10463
	Application No.: 09/364,763	Frame: 0250
	Filed: 7/30/1999	
	For: "Method for Creating a Color Filter on a Flat Panel Display Screen Structure	e "
	Patent:	
X	In re application:	Reel: 10153
	Application No.: 09/398,369	Frame: 0133
	Filed: 9/16/1999	
	For: "Wall Assembly and Method for Attaching Walls for Flat Panel Display"	
	Patent:	
×		Reel: 10153
	Application No.: 09/397,791	Frame: 0133
	Filed: 9/16/1999	
	For: "Wall Assembly and Method for Attaching Walls for Flat Panel Display"	
	Patent:	

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	Filed: 10/21/1999	
	For: "Gate Electrode Formation Method"	
	Patent:	
×	In re application:	Reel: 9300
_	Application No.: 09/490,556	Frame: 0027
	Filed: 1/25/2000	
	For: "Display Column Driver With Chip-to-Chip Settling Time Matching Means"	
	Patent:	
X	In re application:	Reel: 10129
	Application No.: 09/258,021	Frame: 0841
	Filed: 2/25/1999	
	For: "Row Electrode Anodization"	
	Patent:	
-		D 1 11000
X	In re application:	Reel: 11393
	Application No.: 09/588,118	Frame: 0396
	Filed: 5/31/2000 For: "Dual-Layer Metal for Flat Panel Display"	
	101. Duai-Layer Metal 101 Flat Flatter Display	
	Patent:	
X	In re application:	Reel: 9667
	Application No.: 09/660,318	Frame: 0778
	Filed: 9/12/2000	
	For: "Conductive Focus Waffle"	
	Patent:	

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 3 of 6)

NOTE: DO NOT enter application AND patent number

	FURTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
5	In re application:	Reel: 9562
	Application No.: 09/505,823	Frame: 0967
	Filed: 2/29/2000	
	For: "Encapsulated Black Matrix"	
[Patent:	
ľ	In re application:	Reel: 11412
•	Application No.: 09/627,355	Frame: 0191
	Filed: 7/28/2000	riane. 5151
	For: "Protected Substrate Structure for a Field Emission Display Device"	
[Patent:	
	••	Reel: 9364
	Application No.: 09/531,021	Frame: 0660
	Filed: 3/20/2000	
	For: "Cleaning of Components of Flat Panel Display"	
[] Patent:	
	The state of the s	
•	In re application:	Reel: 9364
	Application No.: 09/680,989	Frame: 0660
	Filed: 10/6/2000	
	For: "Tailored Spacer Structure Coating"	
C] Patent:	
5		Reel: 9573
	Application No.: 09/405,281	Frame: 0978
	Filed: 9/23/1999	
	For: "System and Method for Improving Emitter Life in Flat Panel Field Emission	on Displays"
	Patent:	

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 4 of 6)

NOTE: DO NOT enter application AND patent number

	JRTHER APPLICATION(S) OR PATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
×	In re application:	Reel: 9573
	Application No.: 09/588,267	Frame: 0978
	Filed: 6/5/2000	
	For: "System and Method for Improving Emitter Life in Flat Panel Field Emission	n Displays"
	Patent:	
×	In re application:	Reel: 9571
	Application No.: 09/493,698	Frame: 0268
	Filed: 1/28/2000	
	For: "Procedures and Apparatus for Turning-On and Turning-Off Elements With	in a Field Emission Display Device"
	Patent:	
×	In re application:	Reel: 9571
	Application No.: 09/695,593	Frame: 0268
	Filed: 10/23/2000	
	For: "Procedures and Apparatus for Turning-On and Turning-Off Elements With	in a Field Emission Display Device"
	Patent:	
×	In re application:	Reel: 9571
	Application No.: 09/767,329	Frame: 0268
	Filed: 1/22/2001	Traine. 0200
	For: "Procedures and Apparatus for Tuning-On and Turning-Off Elements Within	n a Field Emission Display Device"
	Patent:	
-		
×	In re application:	Reel: 104631
	Application No.: 09/361,334	Frame: 0945
	Filed: 7/26/1999	
	For: "Auxiliary Chamber & Display Device With Improved Contaminant Removal"	•
	Patent:	

ASSIGNMENT (DOCUMENT) COVER SHEET (ADDED PAGE 5 of 6)

NOTE: DO NOT enter application AND patent number

		RTHER APPLICATION(S) OR ATENTS BEING ASSIGNED	DETAILS OF PRIOR RECORDAL (IF ANY)
-	×	In re application:	Reel: 9637
		Application No.: 09/506,475	Frame: 0308
		Filed: 2/29/2000	
		For: "Improved Auxiliary Chamber"	
		Patent:	
ı	X	In re application:	Reel: 9810
•		Application No.: 09/258,502	Frame: 0839
		Filed: 2/26/1999	
		For: "Tailored Spacer Wall Coatings"	
Į		Patent:	
l	X	In re application:	Reel: 11146
		Application No.: 09/493,697	Frame: 0164
		Filed: 1/28/2000	
		For: "Tailored Spacer Wall Coatings "	
[Patent:	
	C 1	la sa analization.	Reel: 9878
ı		In re application: Application No.: 09/281,563	Frame: 0557
		Filed: 3/30/1999	Traine. 0007
		For: "A Circuit and Method for Display of Interlaced and Non-Interlaced Video	Information on a Flat Panel Display"
		Total At Should also included for Siepley of Interlaced and Your Interlaced Vision	
[]	Patent:	
			B 1 (0)07
		In re application:	Reel: 10137
		Application No.: 09/310,464	Frame: 0122
		Filed: 5/12/1999	
		For: "Electroplated Structure for a Flat Panel Display Device"	
[Patent:	

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

NOTE: DO NOT enter application AND patent number

RECORDED: 05/24/2001

		DETAILS OF PRIOR RECORDAL (IF ANY)
X	In re application:	Reel: 10137
	Application No.: 09/660,038	Frame: 0122
	Filed: 9/12/2000	
	For: "Method & Apparatus Related to an Electroplated	Structure for a Flat Panel Display Device"
	Patent:	
×	In re application:	Reel: 10747
	Application No.: 09/427,781	Frame: 0027
	Filed: 10/19/1999	
	For: "Electrode Structure & Method for Forming Electronic Control of the Property of the Prope	ode Structure for a Flat Panel Display"
	Patent:	
X	In re application:	Reel: 11393
	Application No.: 09/588,115	Frame: 0356
	Filed: 5/31/2000	
	For: "Multilayer Electrode Structure and method for Fo	rming Multilayer Electrode Structure for a Flat Panel display Device"
	Patent:	
E78		Pack 11040
X	• •	Reel: 11342 Frame: 0429
		Frame: 0429
		"lastical Chart Defeate"
	For: A Method and System for Infrared Detection of E	Hectucal quou delects
		Application No.: 09/660,038 Filed: 9/12/2000 For: "Method & Apparatus Related to an Electroplated Patent: In re application: Application No.: 09/427,781 Filed: 10/19/1999 For: "Electrode Structure & Method for Forming Electron Patent: In re application: Application No.: 09/588,115 Filed: 5/31/2000 For: "Multilayer Electrode Structure and method for Forming Patent: Patent: