

03/29/00

04-24-2000

U.S. Department of Commerce  
Patent and Trademark Office  
TRADEMARK

FORM PTO-1618A  
Expires 06/30/99  
OMB 065-0007

MAR 29 PM 12:05



101330488

OPR/FINANCE

### RECORDATION FORM COVER SHEET TRADEMARKS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<b>Submission Type</b>		<b>Conveyance Type</b>	
<input checked="" type="checkbox"/> New	<input type="checkbox"/> Resubmission (Non-Recordation) Document ID # _____	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> License
<input type="checkbox"/> Correction of PTO Error Reel # _____ Frame # _____	<input type="checkbox"/> Corrective Document Reel # _____ Frame # _____	<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Nunc Pro Tunc Assignment Effective Date Month Day Year _____
		<input type="checkbox"/> Merger	
		<input type="checkbox"/> Change of Name	
		<input type="checkbox"/> Other _____	

**Conveying Party**  Mark if additional names of conveying parties attached

Name Optronics International Corporation Execution Date March 3, 2000  
Month Day Year

Formerly \_\_\_\_\_

Individual  General Partnership  Limited Partnership  Corporation  Association

Other \_\_\_\_\_

Citizenship/State of Incorporation/Organization Massachusetts

**Receiving Party**  Mark if additional names of receiving parties attached

Name ECRM Incorporated

DBA/AKA/TA \_\_\_\_\_

Composed of \_\_\_\_\_

Address (line 1) 554 Clark Road

Address (line 2) \_\_\_\_\_

Address (line 3) Tewksbury MA 01876  
City State/Country Zip Code

Individual  General Partnership  Limited Partnership  Corporation  Association

Corporation  Association

Other \_\_\_\_\_

Citizenship/State of Incorporation/Organization Delaware

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

04/24/2000 JSHABAZZ 00000201 75609372  
01 FC:481  
02 FC:482  
(40.00 DP)  
(50.00 DP)

FOR OFFICE USE ONLY

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

TRADEMARK  
REEL: 002057 FRAME: 0049

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Trademark Application Number(s) or Registration Number(s)**

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)			Registration Number(s)		
<input type="text" value="75609372"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="2216158"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1657276"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1783885"/>	<input type="text"/>	<input type="text"/>

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)  
Deposit Account Number: #

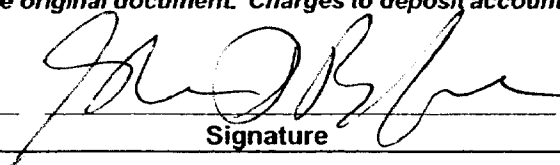
Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Glenn D. Burlingame

Name of Person Signing



Signature

March, 2000

Date Signed

## TRADEMARK AND PATENT ASSIGNMENT

WHEREAS, Optronics International Corporation, a Massachusetts corporation having a place of business at 21 Alpha Road, Chelmsford, Massachusetts 01824 ("Assignor"), has adopted and used the trademarks listed on Schedule A attached hereto, which includes common law trademarks, pending applications for federal and foreign registration and federal, state and foreign registered trademarks (the "Marks") and the patents listed on Schedule B attached hereto, which includes pending applications for and issued letter patents in the United States and abroad (the "Patents"); and

WHEREAS, ECRM Incorporated a Delaware corporation having a place of business at 554 Clark Road, Tewksbury, MA 01876 ("Assignee"), is desirous of acquiring the Marks and the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby assign, transfer, convey and set over unto Assignee its entire right, title and interest in and to the Marks and the Patents, as the same may be amended from time to time, including, without limitation, all goodwill of the Assignor or its business, products and services appurtenant to, associated with or symbolized by the Marks, the Patents and/or the use thereof; the right (but not the obligation) to sue and recover for past, present and future infringements of the Marks and the Patents; the right to prosecute applications for trademarks and patents; all rights (but not obligations) corresponding to the Marks and Patents throughout the world in perpetuity; all reissues, divisions, continuations, renewals, extensions and continuations-in-part of the Marks and the Patents; all rights and interests pursuant to licensing or other agreements in favor of the Assignor pertaining to patent applications, patents, trademark applications and trademarks now or in the future owned or used by third parties; and all proceeds of any of the foregoing (such as, by way of example, license royalties and proceeds of infringement suits).

**[BALANCE OF PAGE INTENTIONALLY LEFT BLANK]**

IN WITNESS WHEREOF, the undersigned has executed this Trademark and Patent Assignment as of the 3<sup>rd</sup> day of March, 2000.

**OPTRONICS INTERNATIONAL CORPORATION**

By: [Signature]  
Name: Tony D. Fong  
Title: President

**COMMONWEALTH OF MASSACHUSETTS**

SUFFOLK COUNTY, SS.

March 3, 2000

Then personally appeared the above-named Tony D. Fong, as President of Optronics International Corporation and acknowledged the foregoing instrument to be his/her free act and deed and the free act and deed of Optronics International Corporation, before me

[Signature]  
Notary Public  
My Commission Expires:

MY COMMISSION EXPIRES SEPTEMBER 9, 2007

BO:35219.3

SCHEDULE A - TRADEMARKS

OPTRONICS REGISTERED TRADEMARKS  
Date of Report: 2/2/2000

Mark: Trademark

Mark: COLORGETTER  
Current Owner: Optronics International Corporation  
Docket Number: 29261-4  
Country: United States  
Current Application Number: 75/367530  
Current Application Date: 10/3/1997  
Current Registration Number: 2,216,158  
Current Registration Date: 1/5/1999  
Status: Registered  
Class & Type: IN 9

Mark: INTELLIDOT  
Current Owner: Optronics International Corporation  
Docket Number: 29261-4  
Country: United States  
Current Application Number: 74/110598  
Current Application Date: 10/25/1990  
Current Registration Number: 1,657,276  
Current Registration Date: 9/17/1991  
Status: Registered  
Class & Type:

Mark: OPTRONICS  
Current Owner: Optronics International Corporation  
Docket Number: 29261-4  
Country: United States  
Current Application Number: 74/209832  
Current Application Date: 10/7/1991  
Current Registration Number: 1,783,885  
Current Registration Date: 7/27/1993  
Status: Registered  
Class & Type: IN 9

Mark: COLORGETTER  
Current Owner: Optronics International Corporation  
Docket Number: 29261-4  
Country: Canada  
Current Application Number: 711,299  
Current Application Date: 5/7/1991  
Current Registration Number: 420,733  
Current Registration Date: 12/10/1993  
Status: Registered  
Class & Type: IN 9

OPTRONICS REGISTERED TRADEMARKS  
Date of Report: 2/2/2000

Mark: Trademark

Mark: OPTRONICS

Current Owner: Optronics International Corporation

Docket Number: 29261-4

Country: France

Current Application Number: 245,428

Current Application Date: 10/24/1990

Current Registration Number: 1,623,594

Current Registration Date: 10/24/1990

Status: Registered

Class & Type: IN 9

Mark: Trademark

Mark: RIPRIGHT

Current Owner: Optronics International Corporation

Docket Number: 29261-4

Country: United States

Current Application Number: 75/609372

Current Application Date: 12/21/1998

Current Registration Number:

Current Registration Date:

Status: Filed

Class & Type: IN 9

Monday, January 17, 2000

Master List By Client

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.103	BDS K LW	Filed	System for Plotting and Scanning Graphic Images	Girzon Pinard Warner

Owner: Optronics International Corp.

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
DE	Issued	EPC	90 905 825.7	16-Mar-1990	0 463 102	09-Aug-1995		16-Mar-2010	
EP	Issued	ORD	90 905 825.7	16-Mar-1990	0 463 102	09-Aug-1995		16-Mar-2010	Hasel
FR	Issued	EPC	90 905 825.7	16-Mar-1990	0 463 102	09-Aug-1995		16-Mar-2010	
GB	Issued	EPC	90 905 825.7	16-Mar-1990	0 463 102	09-Aug-1995		16-Mar-2010	
US	Issued	ORD	325,212	17-Mar-1989	4,992,890	12-Feb-1991	LE	12-Feb-2008	



Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.107	TMM K LW	Filed	Scanning Beam Control System with Translated Reference Scale	Pinard

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
US Issued	ORD 626,582	07-Dec-1990	5,191,447	02-Mar-1993	LE	02-Mar-2010	

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.108	TMM K LW	Filed	Improved Method and Apparatus for Generating Halftone Images	Gall

Owner: Optronics International Corp.

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
CH	Issued	EPC	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	
DE	Issued	EPC	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	
EP	Issued	ORD	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	Hasel
ES	Issued	EPC	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	
FR	Issued	EPC	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	
GB	Issued	EPC	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	
IT	Issued	EPC	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	
NL	Issued	EPC	90 913 988.3	18-Sep-1990	0 493 445	29-Nov-1995		18-Sep-2010	
US	Issued	ORD	409,114	19-Sep-1989	4,985,779	15-Jan-1991	LE	15-Jan-2008	

Master List By Client

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.109	BDS KLW	Filed	M&A for Reproducing an Image which has a Coarser Resolution than Utilized in Scanning of the Image	Gall

Owner: Winrich Gall (from Hell GmbH)

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US Issued	ORD 493,817	12-May-1983	4,533,942	06-Aug-1985	LE	06-Aug-2002	

Monday, January 17, 2000

Master List By Client

Client 1153 Optronics International Corp.

Client

Matter#

1153.114

Attorney

TMM K LW

Disclosure Status

Filed

Title

Apparatus and Method for Interpreting Image Data for Use in a Raster Plotter

Inventors

Cabana  
Lefebvre

Owner: Optronics International Corp.

Sub	Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
	US	Issued	ORD	07/514,032	27-Apr-1990	5,075,779	24-Dec-1991	LE	27-Apr-2010	

Master List By Client

Client 1153 Optronics International Corp.

Client

Matter#

1153.115

Attorney

TMM K LW

Disclosure Status

Filed

Title

A&M for Interpreting Image Data for Use in a Raster Plotter

Inventors

Cabana  
Lefebvre

Owner: Optronics International Corp.

Country	Sub Case	Case Status	Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
US		Issued	DIV	756,186	09-Sep-1991	5,555,094	10-Sep-1996	LE	27-Apr-2010	

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.116	TMM K LW	Filed	A&M for Interpreting Image Data (use w/ RGB and transparentink models)	

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US	Prefiling						
	ORD						

Monday, January 17, 2000

Master List By Client

Client 1153 Optronics International Corp.

Client

Matter#

1153.119

Attorney

TMM KLW

Disclosure Status

Open

Title

System for Generating Half-tone Images Having a Range of Screen Frequencies

Inventors

Owner: Optronics International Corp.

Sub	Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
	US		Prefiling	ORD						

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.120	TMM KLW	Filed	Rapid Variable Angle Digital Screening	Kidd, Lefebvre

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Agent
US Issued	FW 809,032	16-Dec-1991	5,274,473	28-Dec-1993	LE	28-Dec-2010



Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.121	TMM KLW	Open	CMYK Conversion	

Owner: Optronics International Corp.

Sub Case	Status	Country	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
US	US	US	Pre-filing	ORD						

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.122	JJS K LW	Filed	Digital Proofing System	Pinard Thidemann Warner

Owner: Optronics International Corp.

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
JP	Pending	PCT	7-507605	08-Aug-1994					YAMAS
US	Issued	ORD	110,301	20-Aug-1993	5,579,044	26-Nov-1996	LE	26-Nov-2013	

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.124	JJS K LW	Filed	Scanner/Plotter and Rotatable Drum for Use Therein	Ouellette

Owner: Optronics International Corp.

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
DE	Issued	EPC	93 307 631.7	27-Sep-1993	69322723.0	23-Dec-1998		27-Sep-2013	
EP	Issued	ORD	93 307 631.7	27-Sep-1993	0 590 907	23-Dec-1998			Hasel
GB	Issued	EPC	93 307 631.7	27-Sep-1993	0 590 907	23-Dec-1998		27-Sep-2013	
US	Issued	ORD	952,458	29-Sep-1992	5,526,142	11-Jun-1996	LE	11-Jun-2013	

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.125	TMM K LW	Open	Aperture Adjustment System	

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US	Prefiling						
	ORD						

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.126	TMM KLW	Filed	Clamping Mechanism for Use on a Rotatable Plotter Drum	Bosy

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Agent
JP Pending	ORD 6-521283	16-Mar-1994				Yamas

Monday, January 17, 2000

Master List By Client

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.128	TMM KLW	Filed	Vacuum Drum for Mounting Media of Different Sizes	Bosy

Owner: Optronics International Corp.

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
US	Issued	ORD	023,780	22-Feb-1993	5,383,001	17-Jan-1995	LE		

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.129	TMM K LW	Open	Pin Registration System	

Owner: Optronics International Corp.

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
US	Prefiling	ORD							

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.134	RMA K LW	Filed	Spread Spectrum Digital Screening	Pinard

Owner: Optronics International Corp.

Sub Case Status	Country	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
Pending	CA	PCT	2,217,179	16-Feb-1996			LE		GOWLI
Pending	EP	PCT	96 905 509.4	16-Feb-1996					ERIC
Issued	US	ORD	410,785	27-Mar-1995	5,689,623	18-Nov-1997	LE	27-Mar-2015	



Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.135	JJS KLW	Filed	Scanner/Plotter and Rotatable Drum for Use Therein	Ouellette

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US Issued	DIV 573,116	15-Dec-1995	5,907,412	25-May-1999	LE	29-Sep-2012	

Master List By Client

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.136	RMA KLW	Filed	Universal Vacuum Drum and Mask	Morrisette

Owner: Optronics International Corp.

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
CA	Pending	PCT	2,215,614	27-Mar-1996			LE		GOWLI
EP	LetAbandon	PCT	96 911 445.3	27-Mar-1996					ERIC
US	Issued	CIP	622,942	27-Mar-1996	5,758,874	02-Jun-1998	LE	28-Mar-2015	

Monday, January 17, 2000

Master List By Client

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.140	RMA KLW	Open	Variable Mask and Universal Vacuum Drum	Morrisette

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US Issued	DIV 734,255	21-Oct-1996	5,716,048	10-Feb-1998	LE	28-Mar-2015	

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.141	TMM KLW	Filed	Digital Proofing System	Pinard Thidemann Warner

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US Issued	CON 746,107	06-Nov-1996	5,767,887	16-Jun-1998	LE	16-Jun-2015	

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.142	JJS K LW	Filed	Intensity Controlled and Aperture Defining Image Generating System	DeBaryshe

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US Issued	ORD 867,230	23-May-1986	4,737,858	12-Apr-1988	LE	23-May-2006	

Client 1153 Optronics International Corp.

Client	Attorney	Disclosure Status	Title	Inventors
Matter# 1153.143	RMA K LW	Filed	Variable Mask and Universal Vacuum Drum	Morrisette

Owner: Optronics International Corp.

Sub	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent
Country	US	FW 880,061	20-Jun-1997	5,865,433	02-Feb-1999	LE	28-Mar-2015	

Monday, January 17, 2000

Master List By Client

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.145	RMA KLW	Filed	Method And System for Achieving Enhanced Gray Levels in a Screen Cell Array	Chruscziel Lefebvre Peregoy

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US Allowed	ORD 09/143,915	31-Aug-1998					LE

Client 1153 Optronics International Corp.

Client Matter#	Attorney	Disclosure Status	Title	Inventors
1153.146	TMM KLW	Filed	Method and Apparatus Involving Digital Screen Generation	Boston

Owner: Optronics International Corp.

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent
US Issued	ORD		4,413,286	01-Nov-1983	LE		



**Addendum to Intellectual Property List  
February 10, 2000**

<b>Patent No.</b>	<b>Date Issued</b>	<b>Title</b>	<b>Inventor</b>	<b>Notes</b>
5,335,046	Aug. 2, 1994	Clamping Mechanism For Use On A Rotatable Plotter Drum	Bosy	Expired
4,004,079	Jan. 18, 1977	Method and Apparatus for Dual Resolution Photographic Reproduction of Line and Continuous Tone Graphic Materials	Boston	Expired
5,865,433	Feb. 2, 1999	Variable mask and Universal Vacuum Drum	Morrissette	