

03/22/00

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

MAR 29 PM 12:04

OPR/FINANCE

04-24-2000

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



101330489

RECORDATION FORM COVER SHEET

**PATENTS ONLY**

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

**Submission Type**

☒

New

☐

Resubmission (Non-Recordation)

Document ID#

☐

Correction of PTO Error

Reel #

Frame #

☐

Corrective Document

Reel #

Frame #

**Conveyance Type**

☒

Assignment

☐

Security Agreement

☐

License

☐

Change of Name

☐

Merger

☐

Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐

Departmental File

☐

Secret File

**Conveying Party(ies)**

☐

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (line 1)

Optronics International Corporation

03 03 00

Name (line 2)

Execution Date  
Month Day Year

**Second Party**

Name (line 1)

Name (line 2)

**Receiving Party**

☐

Mark if additional names of receiving parties attached

Name (line 1)

ECRM Incorporated

Name (line 2)

☐ 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 is attached. (Designation must be a separate document from Assignment.)

Address (line 1)

554 Clark Road

Address (line 2)

Address (line 3)

Tewksbury

MA

01876

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Glenn D. Burlingame

Address (line 1)

Epstein Becker & Green, P.C.

Address (line 2)

75 State Street

Address (line 3)

Boston, MA 02109

Address (line 4)

04/24/2000 JSHABAZZ 00000200 09143915

FOR OFFICE USE ONLY

01 FC:581

800.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

**PATENT**  
**REEL: 010710 FRAME: 0001**

**Correspondent Name and Address**

Area Code and Telephone Number **617-342-4000**

Name **Glenn D. Burlingame**

Address (line 1) **Epstein Becker & Green**

Address (line 2) **75 State Street**

Address (line 3) **Boston, MA 02109**

Address (line 4)

**Pages**

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

# **31**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

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

**Patent Application Number(s)**

**09143915**

**Patent Number(s)**

**4533942**

**4992890**

**5191447**

**5075779**

**4985779**

**5555094**

**5274473**

**5579044**

**5526142**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# **20**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **800.00**

Method of Payment:  
Deposit Account

Enclosed ☒

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. Burligame**

Name of Person Signing

Signature

**March 22, 2000**  
Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

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

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Optronics International Corporation

Execution Date  
Month Day Year

03 03 00

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1) ECRM Incorporated

☐ 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 is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 554 Clark Road

Address (line 2)

Address (line 3) Tewksbury

City

MA

State/Country

01876

Zip Code

Name (line 1)

☐ 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 is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

5383001

5689623

5907412

5758874

5716048

5767887

4737858

5865433

4413286

5865433

## **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 11, 2001

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  
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\*\*\*\*\*  
OPTRONICS PENDING TRADEMARKS  
Date of Report: 2/2/2000  
\*\*\*\*\*

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

Page: 1

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<br>Pinard<br>Warner |

Owner: Optronics International Corp.

| Country | Sub Case Status | Case Type | Application Number | Filing Date | Patent Number | Issue Date  | Tax Schedule Date | 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     |       |

Monday, January 17, 2000

## Master List By Client

Page: 2

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 Country | Case Status | Case Type | Application 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 Optonics 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: Optonics International Corp.

| Sub Country | 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     |       |

Monday, January 17, 2000

## Master List By Client

Page: 4

Client 1153 Optronics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                                                                                              | Inventors |
|----------------|----------|-------------------|----------------------------------------------------------------------------------------------------|-----------|
| 1153.109       | BDS K LW | 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

Page: 5

Client 1153 Optronics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                                                                        | Inventors          |
|----------------|----------|-------------------|------------------------------------------------------------------------------|--------------------|
| 1153.114       | TMM K LW | Filed             | Apparatus and Method for Interpreting Image Data for Use in a Raster Plotter | Cabana<br>Lefebvre |

Owner: Optronics International Corp.

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

Monday, January 17, 2000

# Master List By Client

Page: 6

Client 1153 Optonics International Corp.

Client

Matter#

1153.115

Attorney

TMM KLW

Disclosure Status

Filed

Title

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

Inventors

Cabana

Lefebvre

Owner: Optonics International Corp.

Sub

Country Case Status

US

Issued

Case Application  
Type Number

DIV 756,186

Filing  
Date

09-Sep-1991

Patent  
Number

5,555,094

Issue  
Date

10-Sep-1996

Tax  
Schedule Date

LE

Expiration  
Date

27-Apr-2010

Agent

PATENT

REEL: 010710 FRAME: 0014

Monday, January 17, 2000

## Master List By Client

Page: 7

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 transparentlink models) |           |

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<br>Matter# | Attorney | Disclosure Status | Title                                                                          | Inventors |
|-------------------|----------|-------------------|--------------------------------------------------------------------------------|-----------|
| 1153.119          | TMM K LW | Open              | System for Generating Half-tone Images Having a<br>Range of Screen Frequencies |           |

Owner: Optronics International Corp.

| Sub<br>Country | Case<br>Status | Case<br>Type | Application<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Tax<br>Schedule | Expiration<br>Date | Agent |
|----------------|----------------|--------------|-----------------------|----------------|------------------|---------------|-----------------|--------------------|-------|
| US             | Prefiling      | ORD          |                       |                |                  |               |                 |                    |       |

Monday, January 17, 2000

## Master List By Client

Page: 9

Client 1153    Optronics International Corp.

Client

Matter#

1153.120

Attorney

TMM KLW

Disclosure Status

Filed

Title

Rapid Variable Angle Digital Screening

Inventors

Kidd,

Lefebvre

Owner: Optronics International Corp.

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

PATENT

REEL: 010710 FRAME: 0017

Monday, January 17, 2000

## Master List By Client

Page: 10

Client 1153 Optronics International Corp.

Client

Matter#

1153.121

Attorney

TMM KLW

Disclosure Status

Open

Title

CMYK Conversion

Inventors

Owner: Optronics International Corp.

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

Monday, January 17, 2000

## Master List By Client

Page: 11

Client 1153 Optronics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                   | Inventors                     |
|----------------|----------|-------------------|-------------------------|-------------------------------|
| 1153.122       | JJS K LW | Filed             | Digital Proofing System | Pinard<br>Thidemann<br>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.

| Sub Country | 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     |       |

Monday, January 17, 2000

## Master List By Client

Page: 13

Client 1153 Optronics International Corp.

Client

Matter#

1153.125

Attorney

TMM K LW

Disclosure Status

Open

Title

Aperture Adjustment System

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       |                    |             |               |            |              |                 |       |

Monday, January 17, 2000

## Master List By Client

Page: 14

Client 1153    Optronics International Corp.

Client

Matter#

Attorney

Disclosure Status

Title

TMM K LW

Filed

Inventors

Clamping Mechanism for Use on a Rotatable  
Plotter Drum

Bosy

Owner: Optronics International Corp.

Sub

Country Case Status

JP

Pending

Case Application  
Type Number

ORD 6-521283

Filing  
Date

16-Mar-1994

Patent  
Number

Issue  
Date

Tax    Expiration  
Schedule Date

Agent

Yamas

PATENT

REEL: 010710 FRAME: 0022

Monday, January 17, 2000

## Master List By Client

Page: 15

Client 1153    Optronics International Corp.

Client

Matter#

1153.128

Attorney

TMM K LW

Disclosure Status

Filed

Title

Vacuum Drum for Mounting Media of Different  
Sizes

Inventors

Bosy

Owner: Optronics International Corp.

Sub

Country Case Status

US    Issued

Case Application  
Type Number

ORD 023,780

Filing  
Date

22-Feb-1993

Patent  
Number

5,383,001

Issue  
Date

17-Jan-1995

Tax    Expiration  
Schedule Date

LE

Agent

PATENT

REEL: 010710 FRAME: 0023

Monday, January 17, 2000

Master List By Client

Page: 16

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       |                    |             |               |            |              |                 |       |

Monday, January 17, 2000

Master List By Client

Page: 17

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

Monday, January 17, 2000

## Master List By Client

Page: 18

Client 1153    Optronics International Corp.

Client

Matter#

Attorney

Disclosure Status

Title

Inventors

1153.135

JJS    K LW

Filed

Scanner/Plotter and Rotatable Drum for Use  
Therein

Ouellettc

Owner: Optronics International Corp.

Sub

Country Case Status

US    Issued

Case Application  
Type Number

DIV    573,116

Filing  
Date

15-Dec-1995

Patent  
Number

5,907,412

Issue  
Date

25-May-1999

Tax    Expiration  
Schedule Date

LE    29-Sep-2012

Agent

PATENT

REEL: 010710 FRAME: 0026

Monday, January 17, 2000

## Master List By Client

Page: 19

Client 1153    Optronics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                          | Inventors  |
|----------------|----------|-------------------|--------------------------------|------------|
| 1153.136       | RMA K LW | 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 |               |             |              |                 |       |
| US      | Issued          | CIP       | 622,942            | 27-Mar-1996 | 5,758,874     | 02-Jun-1998 | LE           | 28-Mar-2015     | ERIC  |

Master List By Client

Monday, January 17, 2000

Client 1153 Optronics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                                   | Inventors  |
|----------------|----------|-------------------|-----------------------------------------|------------|
| 1153.140       | RMA K LW | Open              | Variable Mask and Universal Vacuum Drum | Morrisette |

Owner: Optronics International Corp.

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

Monday, January 17, 2000

Master List By Client

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Client 1153 Optronics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                   | Inventors                     |
|----------------|----------|-------------------|-------------------------|-------------------------------|
| 1153.141       | TMM KLW  | Filed             | Digital Proofing System | Pinard<br>Thidemann<br>Warner |

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      | CON       | 746,107            | 06-Nov-1996 | 5,767,887     | 16-Jun-1998 | LE           | 16-Jun-2015     |       |

Master List By Client

Monday, January 17, 2000

Client 1153    Optronics International Corp.

| Client Matter# | Attorney   | Disclosure Status | Title                                                               | Inventors |
|----------------|------------|-------------------|---------------------------------------------------------------------|-----------|
| 1153.142       | JJS    KLW | Filed             | Intensity Controlled and Aperature Defining Image Generating System | DeBaryshe |

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       | 867,230            | 23-May-1986 | 4,737,858     | 12-Apr-1988 | LE           | 23-May-2006     |       |

Monday, January 17, 2000

## Master List By Client

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Client 1153    Optronics International Corp.

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

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      | FW        | 880,061            | 20-Jun-1997 | 5,865,433     | 02-Feb-1999 | LE           | 28-Mar-2015     |       |

Monday, January 17, 2000

## Master List By Client

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Client 1153 Optonics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                                                                       | Inventors                        |
|----------------|----------|-------------------|-----------------------------------------------------------------------------|----------------------------------|
| 1153.145       | RMA K LW | Filed             | Method And System for Achieving Enhanced Gray Levels in a Screen Cell Array | Chrusciel<br>Lefebvre<br>Peregoy |

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

Monday, January 17, 2000

## Master List By Client

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Client 1153 Optronics International Corp.

| Client Matter# | Attorney | Disclosure Status | Title                                                    | Inventors |
|----------------|----------|-------------------|----------------------------------------------------------|-----------|
| 1153.146       | TMM K LW | Filed             | Method and Apparatus Involving Digital Screen Generation | Boston    |

Owner: Optronics International Corp.

| Sub Country | Case Status | Case Application Type | Application Number | Filing Date | Patent Number | Issue Date  | Tax Schedule | 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                                                                          | Morrisette      |              |