

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

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

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Polaroid Corporation

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 5, 2006

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Zink Imaging, LLC

Internal Address: \_\_\_\_\_

Street Address: 1265 Main Street- W4

City: Waltham

State: MA

Country: USA Zip: 02451

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/215,682 (which is a CON of USSN 10/743,235 (Attorney Docket Number 8562-AFP/GDM))

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: James F. Ewing

Internal Address: Foley & Lardner LLP; 26th Floor

Street Address: 111 Huntington Avenue

City: Boston

State: MA Zip: 02199

Phone Number: 617-342-4000

Fax Number: 617-342-4001

Email Address: jfewing@foley.com

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

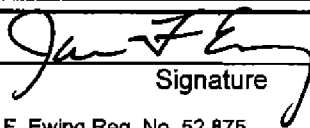
### 8. Payment Information

a. Credit Card Last 4 Numbers 0482  
Expiration Date 11/30/2008

b. Deposit Account Number \_\_\_\_\_

Authorized User Name James F. Ewing

### 9. Signature:

  
Signature

June 21, 2006

Date

James F. Ewing Reg. No. 52,875

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 18

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 11215682

## PATENT AND INVENTION ASSIGNMENT

WHEREAS, POLAROID CORPORATION, a Delaware corporation ("Assignor"), having its office at 1265 Main Street - W4, Waltham, MA 02451, desires to assign its rights, title and interest in and to certain patents and patent applications, all as identified in the attached Schedule A which is made a part hereof (collectively the "Inventions"); and

WHEREAS, ZINK IMAGING, LLC, a Minnesota limited liability company, having its offices at 1265 Main Street - W4, Waltham, MA 02451 ("Assignee"), is desirous of acquiring Polaroid's right, title and interest in and to the Inventions, including any letters patent or applications therein or which derive therefrom, and all rights to apply for letters patent, in all cases throughout the world;

NOW, THEREFORE, for Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the Inventions, and in and to all patents of the United States and in any and all foreign countries which may be issued therefore, and in and to all patent applications, including all continuations, divisionals, reexaminations and reissues thereof in the United States and the equivalents thereof in any and all foreign countries, together with all claims for damages by reason of any or future infringement thereof, along with the right to sue for and collect the same, and to obtain all other possible remedies for Assignee's own use and enjoyment as fully and completely as the same would have been held by Assignor had this Patent and Invention Assignment and sale not been made. The said entire right, title and interest shall vest irrevocably in Assignee, and this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, and Assignor's successors, assigns, and legal representatives.

Assignor covenants and agrees, upon request by Assignee, without additional compensation, but at no expense to Assignor, to execute or assent to foreign applications, to execute all papers, assignments or other documents as reasonably requested by Assignee, to provide testimony by affidavit or otherwise on behalf of Assignee in any proceeding before the United States Patent and Trademark Office, foreign patent authority, state or federal court, or other decision-making body, and, in general, to cooperate fully with Assignee as reasonably necessary or desirable to vest the enjoyment of, and to secure, perfect, maintain or enforce said entire right, title and interest in and to said Application and any patents issuing therefrom or related thereto

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in and to Assignee. Assignor further covenants that no instrument has been executed that is contrary to this Assignment nor has Assignor taken any action contrary to this Assignment nor will Assignor do so in the future.

The Commissioner of Patents and the officials with comparable authority over patents in foreign countries are hereby authorized and directed to issue in the name of Assignee, or as otherwise directed by Assignee, any and all patents which may be granted from the Inventions.

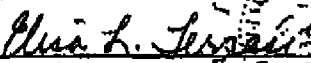
IN WITNESS WHEREOF, Assignor has caused this instrument to be duly executed as of this 5<sup>th</sup> day of January, 2006.

POLAROID CORPORATION

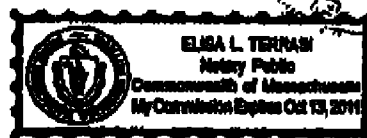
By:   
Thomas L. Beaudoin  
Title: Chief Operating Officer  
Officer

STATE OF Massachusetts )  
 ) ss.  
COUNTY OF Middlesex )

The foregoing instrument was acknowledged before me on January 5, 2006, by Thomas L. Beaudoin, known to me to be the Chief Operating Officer of Polaroid Corporation, a Delaware corporation, on behalf of such corporation.

  
Notary Public

1030175.1



**Schedule A**

**List of Inventions**

**ZINK Asset Purchase Agreement**  
**Exhibit A1 – Zink Patents, Inventions and Copyrights**

<b>Patents and Patent Applications – United States PTO</b>					
<b>Case*</b>	<b>Title</b>	<b>Subject Matter</b>	<b>Status or Issue Date</b>	<b>Patent Number</b>	<b>Application Number</b>
7858	Three-Dimensional Display Method(s) and Apparatus	Optical waveguide	22-Sep-98	5,812,186	08/279,434
8485	Thermal Imaging System	The basic ZINK application. The issued claims are method claims for forming an image on thermal imaging members such as ZINK imaging members.	5-Oct-04	6,801,233	10/151,432
8485	Thermal Imaging System	Continuation application of C-8485-AFP. This application has system claims for ZINK printer - imaging member combinations.	14-Jun-05	6,906,735	10/958,139
8485	Thermal Imaging System	Division of C-8485-AFP. This application has thermal imaging member claims which encompass ZINK imaging members.	Filed. Pending		10/806,749
8543	Choice of Chromophores in Two Color Imaging Systems	A method for selecting two dye chromophores to render images by selecting a first chromophore and selecting a second chromophore to be the complement of the first and a printing system which utilizes the method.	Filed. Pending		10/350,856
8544	Imaging System	Imaging methods and members wherein a chemical compound in a crystalline form is converted, at least partially, to a liquid in the amorphous form, the liquid having intrinsically a different color from the crystalline form.	Filed. Pending		10/789,648
8558	Drive Roller Assembly	Drive roller assemblies for pulling a print medium within, or in conjunction with, a printing apparatus.	1-Nov-05	6,959,849	10/743,588

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**Patents and Patent Applications – United States PTO**

<b>Case*</b>	<b>Title</b>	<b>Subject Matter</b>	<b>Status or Issue Date</b>	<b>Patent Number</b>	<b>Application Number</b>
8559	Thermal Printer Assembly	A thermal printer assembly which includes an elongated thermal print head oriented substantially orthogonally to a print medium path and a platen roller which is aligned with, and opposed to the print head and adapted to pressure the medium against the print-head.	Filed. Pending		10/743,631
8560	Thermal Print Head Alignment Method and Apparatus	A device for mounting a thermal print head, the device including a frame including a reference member and a multiplicity of adjustable datum points oriented orthogonally around a mounting location for the print head.	6-Sep-05	6,940,533	10/743,234
8561	Thermal Printer Assembly	A thermal printer assembly including a plurality of elongated thermal print heads and a frame adapted to fixedly mount and align the print heads in parallel across a single print medium path.	Filed. Pending		10/743,632
8562	Roller Assembly	A roller assembly which can be used in a linear or serial printer includes a platen roller having a central axle which is exposed at opposing ends of the roller and a frame for mounting the platen at both exposed ends of the axle.	Abandoned in favor of C-8562-CON		10/743,235
8562	Roller Assembly	Continuation of C-8562-AFP. A roller assembly which can be used in a linear or serial printer includes a platen roller having a central axle which is exposed at opposing ends of the roller and a frame for mounting the platen at both exposed ends of the axle.	Filed. Pending		11/215,682

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Patents and Patent Applications – United States PTO					
Case*	Title	Subject Matter	Status or Issue Date	Patent Number	Application Number
8563	Thermal Printer Apparatus	A thermal printer apparatus including one or more thermal print heads fixedly mounted with respect to a print path, one or more platen roller assemblies and a frame and a pivotally mounted support member.	Filed. Pending		10/743,351
8566	Image Stitching For a Multi-Head Printer	Techniques for stitching images printed by a multithread thermal printer where printing at each location in the stitching region is accomplished by the print heads with a weighting that depends on the location being printed in the stitching region.	Filed. Pending		10/374,847
8574	Print Head Pulsing Techniques For Multicolor Printers	Novel pulsing method wherein different heating elements of a thermal print head can print on different image-forming layers of a multicolor imaging member in a single pass.	Filed. Pending		11/159,880
8584	Print Job Data Processing for Multi-Head Printers	Techniques for performing processing such as striping, staggering and stitching on print data prior to printing with a multithread printer.	Filed. Pending		10/806,627
8586	Novel Dyes and Use Thereof in Thermal Imaging Members and Methods	Novel fluorescein dyes which exhibit a first color in the crystalline form and a second different color in the liquid amorphous form and imaging members and thermal imaging methods utilizing the dyes.	Filed. Pending		10/789,566
8587	Novel Dyes and Use Thereof in Imaging Members and Methods	Novel rhodamine dyes which exhibit a first color in the crystalline form and a second different color in the liquid amorphous form and imaging members and thermal imaging methods utilizing the dyes.	Filed. Pending		10/788,963

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**Patents and Patent Applications – United States PTO**

<b>Case*</b>	<b>Title</b>	<b>Subject Matter</b>	<b>Status or Issue Date</b>	<b>Patent Number</b>	<b>Application Number</b>
8588	Novel Dyes	Novel rhodol dyes which exhibit a first color in the crystalline form and a second different color in the liquid amorphous form and imaging members and thermal imaging methods utilizing the dyes.	4-Oct-05	6,951,952 B2	10/789,276
8589	Novel Dye Complexes and Use Thereof in Imaging Members and Methods	Novel complexes of hydrogen bond acceptors and phenolic dyes and imaging members and imaging methods including thermal imaging members and methods utilizing the complexes.	Filed. Pending		10/789,600
8598	Thermal Imaging Method	Imagewise activating thermal energy is applied to first and second image-forming layers at a first background temperature and imagewise activating thermal energy is applied to a third image-forming layer at a second background temperature.	Filed. Pending		60/688,702
8601	Parametric Programmable Thermal Printer	The printer may include a controller that performs functions such as thermal history control and common mode voltage control. The controller may be implemented in an integrated programmable medium such as a FPGA.	Filed. Pending		11/168,676
8606	Thermal Imaging Method	Thermal imaging method wherein thermal energy is provided to at least two image-forming layers with one or more print heads while the layers are traveling at different velocities with respect to the print head(s).	Filed. Pending		60/688,800
8608	Novel Rhodamine Dyes and Use Thereof in Imaging Members and Methods	New rhodamine dyes.	Filed. Pending		60/680,088
8614	Novel Rhodamine Dyes and Use Thereof in Imaging Members and Methods	New rhodamine dyes.	Filed. Pending		60/680,212



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Patents and Patent Applications - United States PTO					
Case*	Title	Subject Matter	Status or Issue Date	Patent Number	Application Number
8617	Thermal Printing Head with Two-Dimensional Array of Resistive Heating Elements, and Method for Printing Using Same	Novel print head configuration and thermal printing methods	Filed. Pending		60/734,081

\*Polaroid-designated intellectual property asset case number

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**Patents and Patent Applications – Non-United States**

<b>Case#</b>	<b>Country Name</b>	<b>Application Number</b>	<b>Application Status</b>	<b>Filing Date</b>	<b>Publication Date</b>	<b>Title</b>
007858	Patent Cooperation Treaty	PCTUS95/08777	Inactive	13-Jul-1995		THREE-DIMENSIONAL DISPLAY METHODS AND APPARATUS
007858/PCT	Japan	8-505777	Abandoned	13-Jul-1995		THREE-DIMENSIONAL DISPLAY METHOD(S) AND APPARATUS
008485	Patent Cooperation Treaty	PCTUS02/15868	Inactive	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	Canada	2446880	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	China (Peoples Republic)	02815088.0	Published	20-May-2002	13-Oct-2004	THERMAL IMAGING SYSTEM
008485/PCT	Eurasian Patent Organization	200301177/26	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	European Patent Convention	02751985.9	Published	20-May-2002	24-Mar-2004	THERMAL IMAGING SYSTEM
008485/PCT	India	1481KOLNP2003	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	Japan	2002-593159	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	Korea, Republic of	2003-7015699	Published	20-May-2002	11-Feb-2004	THERMAL IMAGING SYSTEM
008543	Patent Cooperation Treaty	PCTUS03/04159	Inactive	11-Feb-2003		CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS
008543/PCT	Canada	2478690	Pending	11-Feb-2003		CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS

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<b>Case*</b>	<b>Country Name</b>	<b>Application Number</b>	<b>Application Status</b>	<b>Filing Date</b>	<b>Publication Date</b>	<b>Title</b>
008543/PCT	European Patent Convention	03707857.3	Published	11-Feb-2003	08-Dec-2004	CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS
008543/PCT	Japan	2003-577528	Published	11-Feb-2003	07-Jul-2005	CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS
008544	Patent Cooperation Treaty	PCTUS04/05986	Inactive	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Canada	2515507	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	China (Peoples Republic)	200480005432	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	European Patent Convention	04715701.1	Published	27-Feb-2004	23-Nov-2005	IMAGING SYSTEM
008544/PCT	India	1452KOLNP2005	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Japan	not yet assigned	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Korea, Republic of	2005-7016135	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Russian Federation	2005129546	Pending	27-Feb-2004		IMAGING SYSTEM
008558	Patent Cooperation Treaty	PCTUS03/40868	Inactive	22-Dec-2003	15-Jul-2004	DRIVE ROLLER ASSEMBLY
008558/PCT	Canada	2511542	Pending	22-Dec-2003		DRIVE ROLLER ASSEMBLY
008558/PCT	European Patent Convention	03814287.3	Published	22-Dec-2003	05-Oct-2005	DRIVE ROLLER ASSEMBLY
008558/PCT	Japan	2004-563914	Pending	22-Dec-2003		DRIVE ROLLER ASSEMBLY
008559	Patent Cooperation Treaty	PCTUS03/41125	Inactive	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008559/PCT	Canada	2511558	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008559/PCT	European Patent Convention	3814359	Published	22-Dec-2003	26-Oct-2005	THERMAL PRINTER ASSEMBLY
008559/PCT	Japan	2004-564013	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008560/PCT	Canada	2511537	Pending	22-Dec-2003		THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS

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<b>Case*</b>	<b>Country Name</b>	<b>Application Number</b>	<b>Application Status</b>	<b>Filing Date</b>	<b>Publication Date</b>	<b>Title</b>
008560/PCT	European Patent Convention	03814286.5	Published	22-Dec-2003	26-Oct-2005	THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS
008560/PCT	Japan	2004-563913	Pending	22-Dec-2003		THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS
008560/PCT	Patent Cooperation Treaty	PCTUS03/40867	Inactive	22-Dec-2003	15-Jul-2004	THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS
008561	Patent Cooperation Treaty	PCTUS03/40952	Inactive	22-Dec-2002		THERMAL PRINTER ASSEMBLY
008561/PCT	Canada	2511559	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008561/PCT	European Patent Convention	03814317.8	Published	22-Dec-2003	26-Oct-2005	THERMAL PRINTER ASSEMBLY
008561/PCT	Japan	2004-563956	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008562	Patent Cooperation Treaty	PCTUS03/40869	Inactive	22-Dec-2003		ROLLER ASSEMBLY
008562/PCT	Canada	2511539	Pending	22-Dec-2003		ROLLER ASSEMBLY
008562/PCT	European Patent Convention	03814288.1	Published	22-Dec-2003	12-Oct-2005	ROLLER ASSEMBLY
008562/PCT	Japan	2004-563915	Pending	22-Dec-2003		ROLLER ASSEMBLY
008563	Patent Cooperation Treaty	PCTUS03/41188	Inactive	22-Dec-2003	15-Jul-2004	THERMAL PRINTER APPARATUS
008563/PCT	Canada	2511275	Pending	22-Dec-2003		THERMAL PRINTER APPARATUS
008563/PCT	European Patent Convention	3800151.7	Published	22-Dec-2003	05-Oct-2005	THERMAL PRINTER APPARATUS
008563/PCT	Japan	2004-564026	Pending	22-Dec-2003		THERMAL PRINTER APPARATUS
008566	Patent Cooperation Treaty	PCTUS04/04873	Inactive	19-Feb-2004		IMAGE STITCHING FOR A MOL.TI-HEAD PRINTER
008566/PCT	China (Peoples Republic)	200480004790	Pending	19-Feb-2004		DOWN-WEB SCREENING
008566/PCT	European Patent Convention	04712842.6	Published	19-Feb-2004	21-Dec-2005	DOWN-WEB SCREENING

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008566/PCT	Japan	not yet assigned	Pending	19-Feb-2004		DOWN-WEB SCREENING
008584	Patent Cooperation Treaty	PCTUS05/09754	Published	23-Mar-2005	13-Oct-2005	PRINT JOB DATA PROCESSING FOR MULTI-HEAD PRINTERS
008586	Patent Cooperation Treaty	PCTUS04/05984	Abandoned	27-Feb-2004		NOVEL DYES AND USE THEREOF IN THERMAL IMAGING MEMBERS AND METHODS
008587	Patent Cooperation Treaty	PCTUS04/05965	Abandoned	27-Feb-2004	30-Sep-2004	NOVEL DYES AND USE THEREOF IN IMAGING MEMBERS AND METHODS
008588	Patent Cooperation Treaty	PCTUS04/06109	Abandoned	27-Feb-2004		NOVEL DYES
008589	Patent Cooperation Treaty	PCTUS04/05964	Abandoned	27-Feb-2004		NOVEL DYE COMPLEXES AND USE THEREOF IN IMAGING MEMBERS AND METHODS

\*Polaroid-designated intellectual property asset case number



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**ZINK Asset Purchase Agreement**  
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**ZINK Asset Purchase Agreement**  
**Exhibit A1 – Zink Patents, Inventions and Copyrights**

Invention Disclosures	
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**\*Polaroid designated disclosure tracking number**