

07-23-2001

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7-17-01



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Name (line 1) Ott, Cynthia D.

04 10 2001

Name (line 2)

**Second Party**

Execution Date  
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Name (line 1) Ott, D. Michael

04 10 2001

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**PATENT**  
**REEL: 011988 FRAME: 0034**

**Correspondent Name and Address**

Area Code and Telephone Number **510-658-9511**

Name **Elliott B. Aronson**

Address (line 1) **5001 Harbord Dr.**

Address (line 2) **Oakland, CA 94618**

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**Patent Number(s)**

**09 832993**

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

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**Elliott B. Aronson**

**Elliott B. Aronson**

**7/13/2001**

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Name (line 1) Crowhurst, Frederick

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Month Day Year

04 13 2001

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Execution Date  
Month Day Year

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Name (line 2)

Execution Date  
Month Day Year

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Patent Application Number(s)

Patent Number(s)



# ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

Cynthia D. Ott  
777 Panoramic Way  
Berkeley, CA 94704

D. Michael Ott  
777 Panoramic Way  
Berkeley, CA 94704

Frederick Crowhurst  
4278 Knoll Ave.  
Oakland, CA 94619

hereinafter referred to as "Assignor(s)," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of invention: AUTOMATIC BITONAL IMAGE OPTIMIZATION

Date of execution: \_\_\_\_\_

Filing Date: 04/10/2001 Serial No. 09/832993 and

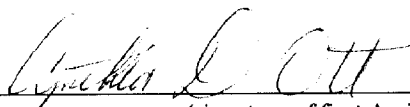
WHEREAS, PICTURE ELEMENTS INCORPORATED  
777 Panoramic Way  
Berkeley, CA 94704

hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

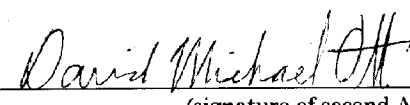
FOR good and valuable consideration, receipt of which is hereby acknowledged by Assignor(s), Assignor(s) have assigned and by these presents do assign to Assignee all right, title and interest in and to the invention and application and all continuations and continuations-in-part thereof, all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor(s) had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation, substitution, conversion, reissue, prolongation or extension thereof.

Assignor(s) further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. patent applications and foreign counterparts on the invention, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor(s) have signed their names on the date indicated.

  
(signature of first Assignor as written above)

4/10/2001  
(date)

  
(signature of second Assignor as written above)

4/10/2001  
(date)

  
(signature of third Assignor as written above)

13 Apr 2001  
(date)