

12/18/03

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Form PTO-1595
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OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Calient Networks, Inc.

2. Name and address of receiving party(ies)

Name: Kionix, Inc.

Internal Address: _____

Street Address: 36 Thornwood Drive

City: Ithaca State: NY Zip: 14850

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 07/25/03

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

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

B. Patent No.(s) 6,563,111

Additional numbers attached? Yes No

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

Name: Brown & Michaels, PC

Internal Address: _____

Street Address: 400 M & T Bank Building

118 North Tioga St.

City: Ithaca State: NY Zip: 14850

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

02-0910

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9. Signature.

Michael F. Brown
Name of Person Signing

Signature

12-15-03
Date

Total number of pages including cover sheet, attachments, and documents: 1

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

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PATENT
REEL: 014822 FRAME: 0153

ASSIGNMENT OF INVENTION
U.S. Patent Number 6,563,111 B1
(Calient File No. P074 D2)

For value received, Calient Networks, Inc. (together with its wholly-owned subsidiary Calient Optical Components, Inc. (formerly Kionix, Inc.)), a Delaware Corporation having a principal place of business at 5853 Rue Ferrari, San Jose, CA 95138 (hereinafter the "ASSIGNOR") hereby sells, assigns and transfers all of its right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all of its rights to claim priority, in and to that certain invention entitled "**Integrated Monolithic Microfabricated Electropray and Liquid Chromatography System and Method**" which is found in U.S. Patent Number 6,563,111 B1 issued on May 13, 2003, and any legal equivalent thereof in a foreign country, and any reissue or re-examination thereof to Kionix, Inc. (formerly Cayuga Sensors Inc.), having offices at 36 Thornwood Drive Ithaca, NY 14850, its successors and assigns (hereinafter the "ASSIGNEE").

ASSIGNOR hereby covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ASSIGNOR

Date July 25, 2003

By: WR Zerella
Name: William R. Zerella
Title: CFO