

05-17-2002



HEET

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TO THE ASSISTANT COMMISSIONER 102093274

1. Name of conveying party(ies): (If multiple assignors, list numerically)

Robert LeChevalier

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

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

Name: Clare Micronix Integrated Systems, Inc.

Street Address: 145 Columbia

City: Aliso Viejo State: CA ZIP: 92656

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

(X) Assignment

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) April 23, 2002

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

(X) Application(s) filed herewith

Execution Date(s): April 5, 2002

Additional numbers attached? () Yes (X) No

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

Name: Mark M. Abumeri

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive

City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: CLMCR.012A1

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. 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.

Mark M. Abumeri

Name of Person Signing

Signature

Date

43,458

Registration No.

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

05/16/2002 DBYRME 00000277 10141318

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U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

ASSIGNMENT

WHEREAS, I, Robert LeChevalier, a United States citizen, residing at 44 Rudi Lane, Golden, CO 80403, have invented certain new and useful improvements in the following:

1. SYSTEM FOR PROPORTIONAL AND INTEGRAL LOOP COMPENSATION USING A HYBRID OF SWITCHED CAPACITOR AND LINEAR AMPLIFIERS (Attorney Docket No. CLMCR.009A);
2. METHOD OF PROPORTIONAL AND INTEGRAL LOOP COMPENSATION USING A HYBRID OF SWITCHED CAPACITOR AND LINEAR AMPLIFIERS (Attorney Docket No. CLMCR.009A1);
3. PROPORTIONAL PLUS INTEGRAL LOOP COMPENSATION USING A HYBRID OF SWITCHED CAPACITOR AND LINEAR AMPLIFIERS, filed October 19, 2001, and having Application No. 60/342,637 (Attorney Docket No. CLMCR.009PR);
4. SYSTEM FOR CHARGE PUMP ACTIVE GATE DRIVE (Attorney Docket No. CLMCR.010A);
5. METHOD OF CHARGE PUMP ACTIVE GATE DRIVE (Attorney Docket No. CLMCR.010A1);
6. CHARGE PUMP ACTIVE GATE DRIVE, filed October 19, 2001, and having Application No. 60/343,856 (Attorney Docket No. CLMCR.010PR);
7. CLAMPING APPARATUS FOR SECURING A MINIMUM REFERENCE VOLTAGE IN A VIDEO DISPLAY BOOST REGULATOR (Attorney Docket No. CLMCR.011A);
8. CLAMPING METHOD FOR SECURING A MINIMUM REFERENCE VOLTAGE IN A VIDEO DISPLAY BOOST REGULATOR (Attorney Docket No. CLMCR.011A1);
9. CLAMPING METHOD AND APPARATUS FOR SECURING A MINIMUM REFERENCE VOLTAGE IN A VIDEO DISPLAY BOOST REGULATOR, filed October 19, 2001, and having Application No. 60/343,638 (Attorney Docket No. CLMCR.011PR);
10. APPARATUS FOR PERIODIC ELEMENT VOLTAGE SENSING TO CONTROL PRECHARGE (Attorney Docket No. CLMCR.012A);
11. METHOD FOR PERIODIC ELEMENT VOLTAGE SENSING TO CONTROL PRECHARGE (Attorney Docket No. CLMCR.012A1);
12. PERIODIC ELEMENT VOLTAGE SENSING FOR PRECHARGE, filed May 9, 2001, and having Application No. 60/289,724 (Attorney Docket No. CLMCR.012PR);
13. MATRIX ELEMENT PRECHARGE VOLTAGE ADJUSTING APPARATUS (Attorney Docket No. CLMCR.013A);
14. MATRIX ELEMENT PRECHARGE VOLTAGE ADJUSTING METHOD (Attorney Docket No. CLMCR.013A1);
15. PRECHARGE VOLTAGE ADJUSTING METHOD AND APPARATUS, filed on October 19, 2001, and having Application No. 60/342,582 (Attorney Docket No. CLMCR.013PR);
16. EXPOSURE TIMING COMPENSATION FOR ROW RESISTANCE, filed on October 19, 2001, and having Application No. 60/346,102 (Attorney Docket No. CLMCR.014PR);
17. SYSTEM FOR PRECHARGING OLED/PLED DISPLAYS WITH A PRECHARGE LATENCY (Attorney Docket No. CLMCR.015A);

18. METHOD OF PRECHARGING OLED/PLED DISPLAYS WITH A PRECHARGE LATENCY (Attorney Docket No. CLMCR.015A1);
19. METHOD AND SYSTEM FOR PRECHARGING OLED/PLED DISPLAYS WITH A PRECHARGE SWITCH LATENCY, filed on October 19, 2001, and having Application No. 60/353,753 (Attorney Docket No. CLMCR.015PR);
20. ADAPTIVE CONTROL BOOST CURRENT METHOD (Attorney Docket No. CLMCR.017A);
21. ADAPTIVE CONTROL BOOST CURRENT APPARATUS (Attorney Docket No. CLMCR.017A1);
22. ADAPTIVE CONTROL BOOST CURRENT METHOD AND APPARATUS, filed on October 19, 2001, and having Application No. 60/342,793 (Attorney Docket No. CLMCR.017PR);
23. PREDICTIVE CONTROL BOOST CURRENT METHODS (Attorney Docket No. CLMCR.018A);
24. PREDICTIVE CONTROL BOOST CURRENT APPARATUS (Attorney Docket No. CLMCR.018A1);
25. PREDICTIVE CONTROL BOOST CURRENT METHOD AND APPARATUS, filed on October 19, 2001, and having Application No. 60/342,791 (Attorney Docket No. CLMCR.018PR);
26. RAMP CONTROL BOOST CURRENT METHOD (Attorney Docket No. CLMCR.019A);
27. RAMP CONTROL BOOST CURRENT APPARATUS (Attorney Docket No. CLMCR.019A1);
28. Application No. 60/343,370, filed on October 19, 2001, entitled RAMP CONTROL BOOST CURRENT METHOD AND APPARATUS (Attorney Docket No. CLMCR.019PR);
29. METHOD OF ADJUSTING PRECHARGE FOR CONSISTENT EXPOSURE VOLTAGE (Attorney Docket No. CLMCR.020A);
30. APPARATUS SETTING PRECHARGE TO STEADY EXPOSURE VOLTAGE (Attorney Docket No. CLMCR.020A1);
31. ADJUSTING PRECHARGE FOR CONSISTENT EXPOSURE VOLTAGE, filed on October 19, 2001, and having Application No. 60/342,783 (Attorney Docket No. CLMCR.020PR);
32. METHOD FOR RAMP CONTROL OF PRECHARGE VOLTAGE (Attorney Docket No. CLMCR.021A);
33. APPARATUS WITH RAMP CONTROL OF PRECHARGE VOLTAGE (Attorney Docket No. CLMCR.021A1);
34. PRECHARGE VOLTAGE CONTROL VIA EXPOSURE VOLTAGE RAMP, filed October 19, 2001, and having Application No. 60/342,794 (Attorney Docket No. CLMCR.021PR);
35. MATRIX ELEMENT CHARGE CONTROL APPARATUS (Attorney Docket No. CLMCR.022A); and
36. MATRIX ELEMENT CHARGE CONTROL METHOD (Attorney Docket No. CLMCR.022A1),

for which applications for Letters Patent have been or will be filed in the United States, as respectively noted above;

AND WHEREAS, Clare Micronix Integrated Systems, Inc. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 145 Columbia, Aliso Viejo, CA 92656, desires to acquire the entire right, title, and interest in and to the said improvements and the said Applications:

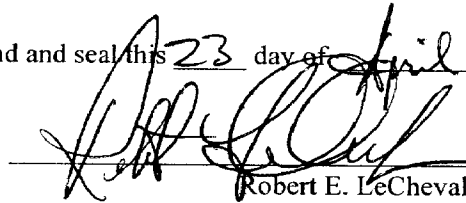
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said applications and all divisions, renewals and continuations thereof, and

all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Except for docket no.'s CLMCR.012A, CLMCR.012A1, CLMCR.012PR, none of the other invention applications listed herein have received my final review.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of April, 2002


Robert E. LeChevalier

STATE OF Colorado }
COUNTY OF Jefferson } ss.

On April 23, 2002, before me, John L. Kalenak, personally appeared Robert E. LeChevalier personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

 com ex 01/05/05
Notary Signature

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