

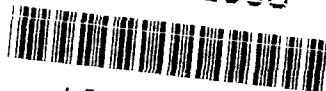
11-10-2003

Form PTO-1595

(Rev. 10/02)

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

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

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

1. Name of conveying party(ies):

Mark G. Frei
Ivan Osorio

11-6-03

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

3. Nature of conveyance:

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

Execution Date: 10/08/2003

2. Name and address of receiving party(ies)

Name: Flint Hills Scientific, L.L.C.

Internal Address: _____

Street Address: 5020 W. 15th Street, Suite A

City: Lawrence State: KS Zip: 66049

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) 10/684,189

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Donald R. Schoonover

Internal Address: _____

Street Address: 4211 Rolling Hills Drive

City: Nixa State: MO Zip: 65714-8771

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:

50-0961

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9. Signature.

Donald R. Schoonover

Name of Person Signing

Signature

Nov. 3, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 5

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

11/07/2003 BYRNE 00000077 10684189

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PATENT

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, jointly and severally, hereby assigns, transfers and conveys to FLINT HILLS SCIENTIFIC, L.L.C., a limited liability company created and existing under and by virtue of the laws of the State of Kansas, and having a principal place of business at 5020 West 15th Street, Suite A, Lawrence, Kansas 66049, its successors, legal representatives and assigns, the entire right, title and interest in and to our invention for improvements in "METHOD, COMPUTER PROGRAM, AND SYSTEM FOR INTRINSIC TIMESCALE DECOMPOSITION, FILTERING, AND AUTOMATED ANALYSIS OF SIGNALS OF ARBITRARY ORIGIN OR TIMESCALE", in and to the United States Patent Application therefor executed by us on the date subscribed herein below, and in and to all applications for Letters Patent, or similar legal protection which may hereafter be filed for said invention in any country or countries both domestic and foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries both domestic and foreign to the United States, and all continuations, divisionals, continuations-in-part, extensions, renewals and reissues thereof, or legal equivalent thereof.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or similar legal protection on applications aforesaid, to issue all Letters Patent or similar legal protection for said invention to said FLINT HILLS SCIENTIFIC, L.L.C., the same to be held by said FLINT HILLS SCIENTIFIC, L.L.C. for its own use and behoof and for the use and behoof of its successors, legal representatives, or assigns, to the full end of the term for which said Letters Patent or similar legal protection are or may be granted, as fully and entirely as the same would have been held and enjoyed by either of us had this assignment and sale not been made.

For said consideration, we hereby agree, upon the request of said assignee, its successors, legal representatives and assigns, to execute any and all applications for Letters Patent or similar legal protection as aforesaid, and any supplemental oath relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted thereon that said assignee, its successors, legal representatives or assigns may deem necessary or expedient, and for said considerations, I further agree, upon the request of said assignee, its successors, legal representatives or assigns, in the event of said applications for Letters Patent or similar legal protection or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of my ability

with said assignee, its successors, legal representatives or assigns in the matters of preparing the preliminary statement and giving and producing evidence in support thereof. I hereby agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent or similar legal protection and to vest all rights therein hereby conveyed in and to the assignee, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, and I hereby covenant and warrant that as of the date hereof, we, the undersigned, are the true and lawful owners of the entire right, title and interest in said invention, patent application aforesaid, and the Letters Patent or similar legal protection which may issue pursuant thereto, and have the full right and power to convey the same, and that the same is free and clear of all liens, charges and encumbrances whatsoever, and that we have not executed and will not execute any agreement in conflict herewith.

WITNESS our hands and seals as subscribed herein below.

Mark G. Frei
Mark G. Frei

STATE OF Kansas)
) ss.
COUNTY OF Douglas

On this 7th day of October, 2003, before me, a Notary Public in and for the State and county aforesaid, personally appeared Mark G. Frei to me known and known to me to be the person of that name who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

My Commission Expires: 3-27-2007



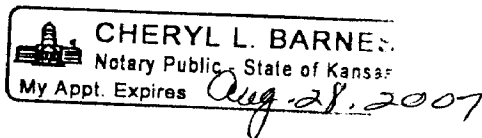
Patty L. Huntzinger
Notary Public

Ivan Osorio
Ivan Osorio

STATE OF KS)
) ss.
COUNTY OF Wagontatter

On this 8 day of October, 2003, before me, a Notary Public in and for the State and county aforesaid, personally appeared Ivan Osorio, to me known and known to me to be the person of that name who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

My Commission Expires:



Notary Public
Cheryl L. Barnea