

TO:MCKEE, VOORHEES & SEASE, PLC COMPANY:801 GRAND AVENUE

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.103/25/2010
501129447

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee: IOWA STATE UNIVERSITY previously recorded on Reel 010782 Frame 0967. Assignor(s) hereby confirms the Assignee: IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DAVID K. HOFFMAN</td> <td>03/20/2000</td> </tr> <tr> <td>MARK ARNOLD</td> <td>04/07/2000</td> </tr> </tbody> </table>		Name	Execution Date	DAVID K. HOFFMAN	03/20/2000	MARK ARNOLD	04/07/2000
Name	Execution Date						
DAVID K. HOFFMAN	03/20/2000						
MARK ARNOLD	04/07/2000						
RECEIVING PARTY DATA							
Name:	IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.						
Street Address:	310 Lab of Mechanics						
City:	Ames						
State/Country:	IOWA						
Postal Code:	50011-2131						
PROPERTY NUMBERS Total: 2							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>09266963</td> </tr> <tr> <td>Patent Number:</td> <td>6847737</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	09266963	Patent Number:	6847737
Property Type	Number						
Application Number:	09266963						
Patent Number:	6847737						
CORRESPONDENCE DATA							
Fax Number:	(515)288-1338						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	515-288-3667						
Email:	palatty@ipmvs.com						
Correspondent Name:	McKee, Voorhees & Sease, PLC						
Address Line 1:	801 Grand Avenue						
Address Line 2:	Suite 3200						
Address Line 4:	Des Moines, IOWA 50309-2721						
ATTORNEY DOCKET NUMBER:	1006-2/ISURF 02362						
NAME OF SUBMITTER:	JOHN D. GOODHUE						

CH \$80.00 09266963

700433178

PATENT
REEL: 024151 FRAME: 0498

TO:MCKEE, VOORHEES & SEASE, PLC COMPANY:801 GRAND AVENUE

Total Attachments: 6

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05-17-2000

Docket No.: 25220/11

FORM PTO-1595 (Modified)
(Rev. 6-83)
OMB No. 0651-0011 (exp. 4/24)
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P28A/REV02

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

4/28/00



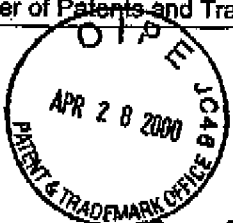
101359361

Tab settings

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

1. Name of conveying party(ies):

David K. Hoffman
Mark Arnold



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

Name: Iowa State University

Address: 314 Alumni Hall

Additional names(s) of conveying party(ies)

Yes No

City: Ames

State/Prov.: Iowa

Country: United States

ZIP: 50011-2011

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Additional name(s) & address(es)

Yes No

Execution Date: March 20, 2000 and April 7, 2000

4. Application number(s) or registration numbers(s):

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

Patent Application No.

Filing date

B. Patent No.(s)

09/266,963

03/12/99

09/266963

Additional numbers

Yes No

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

Name: Robert W. Strozler

Registration No. 34,024

Address: 2925 Briarpark Drive, Suite 930



23873

City: Houston

PATENT TRADEMARK OFFICE

State/Prov.: TX

Country: US

ZIP: 77042

6. Total number of applications and patents involved:

1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

05/16/2000 JSHR007Z 00000115 09266963

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PT FC:501

40.00 BP

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.

Robert W. Strozler

04/28/00

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

4

TO: MCKEE, VOORHEES & SEASE, PLC COMPANY: 801 GRAND AVENUE

ASSIGNMENT

WHEREAS, We, David K. Hoffman and Mark Arnold ^{are} joint inventors of a new and novel invention entitled **METHODS FOR PERFORMING DAF FILTERING AND PADDING**, for which an application for United States Letters Patent was filed on March 13, 1999 and was assigned Application Serial Number 09/266,963.

2/17/10
DKH DKH
Date _____
MA _____
Date _____

WHEREAS, the Iowa State University, ^{Research Foundation, Inc, an Iowa} ~~is a not-for-profit educational institution created and existing under and by virtue of the laws of the State of Iowa~~, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world.

2/17/10
DKH DKH
Date _____
MA _____
Date _____

NOW, THEREFORE, for and in consideration ^{Research Foundation, Inc.} of the sum of One Dollar (\$1.00) to us in hand paid by the Iowa State University and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to the Iowa State University, ^{Research Foundation, Inc.} all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by the Iowa State University ^{Research Foundation, Inc.} for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

2/17/10
DKH DKH
Date _____
MA _____
Date _____

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to the Iowa State University, ^{Research Foundation, Inc.} as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

2/17/10
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And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to the Iowa State University, ^{Research Foundation, Inc.} its successors, assigns, or other legal representatives and that if the Iowa State University, ^{Research Foundation, Inc.} its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or

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Corporation
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Date 3-16-10

TO: MCKEE, VOORHEES & SEASE, PLC COMPANY: 801 GRAND AVENUE

such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to the Iowa State University, ^{Research Foundation, Inc.} its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

2/17/10
DKH
Date _____
MA _____
Date _____

EXECUTED THIS 20th day of March, 2000.

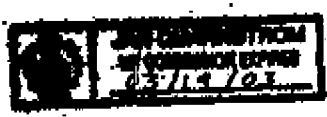
David K. Hoffman
David K. Hoffman

STATE OF Iowa
COUNTY OF Story

§
§
§

BEFORE ME, the undersigned authority, on this day personally appeared David K. Hoffman, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 20th day of March, 2000.



David Mainstrom
NOTARY PUBLIC IN AND FOR
THE STATE OF IOWA

DKH
MA

TO: MCKEE, VOORHEES & SEASE, PLC COMPANY: 801 GRAND AVENUE

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DKH _____
Date _____
MA/MA _____
Date 3-16-10

EXECUTED THIS 20th day of March, 2000.

David K. Hoffman
David K. Hoffman

STATE OF Iowa
COUNTY OF Story

§
§
§

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David J. Jansin
NOTARY PUBLIC IN AND FOR
THE STATE OF IOWA

TO: MCKEE, VOORHEES & SEASE, PLC COMPANY: 801 GRAND AVENUE

EXECUTED THIS 7 day of April, 2000.



Mark Arnold

STATE OF AR
COUNTY OF Washington

001
002
003

BEFORE ME, the undersigned authority, on this day personally appeared Mark Arnold, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 7th day of April, 2000.

Monica Garcia
NOTARY PUBLIC IN AND FOR
THE STATE OF ARIZONA
Commission Expires 11-27-00
WASHINGTON COUNTY, ARIZ.

TO: MCKEE, VOORHEES & SEASE, PLC COMPANY: 801 GRAND AVENUE

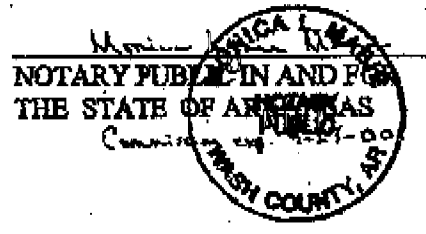
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[Signature]
Mark Arnold

STATE OF AR §
COUNTY OF Washington §
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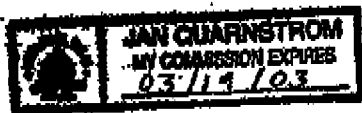
David K. Hoffman
David K. Hoffman

STATE OF Iowa
COUNTY OF Story

§
§
§

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GIVEN UNDER MY HAND and seal of office this 20th day of March, 2000.



Jan Guarnstrom
NOTARY PUBLIC IN AND FOR
THE STATE OF IOWA

EXECUTED THIS 7 day of April, 2000.

Mark Arnold
Mark Arnold

STATE OF AR

§
§
§

COUNTY OF Washington

BEFORE ME, the undersigned authority, on this day personally appeared Mark Arnold, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed and initialed each page of the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 7th day of April, 2000.

Monica L. Mabe
NOTARY PUBLIC IN AND FOR
THE STATE OF ARIZONA
Commission exp. 12-27-00
NOTARY PUBLIC
WASH COUNTY, AR

EXECUTED THIS 7 day of April, 2000.



Mark Arnold

STATE OF AR

§
§
§

COUNTY OF Washington

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GIVEN UNDER MY HAND and seal of office this 7th day of April, 2000.

Monica L. Dwyer
NOTARY PUBLIC IN AND FOR
THE STATE OF ARKANSAS
Commission exp. 9-27-00
