

11-18-1998

FORM PTO-1595  
(Rev. 6-93)

U.S. Department of Commerce

OMB No. 0651-0011 (exp. 4/94)

100903779

Patent and Trademark Office

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

1. Name of conveying party(ies): **WRO 11-2-98**  
**Bruce C. Johnson, Robert R. Trimble, Randhir C. Desai**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **CALLIDUS TECHNOLOGIES, INC.**  
Internal Address:  
Street Address: **7130 S. LEWIS**  
City: **TULSA** State: **OK** Zip: **74136**  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **October 28, 1998**

4. Application number(s) or registration number(s): **09/184,751**  
If this document is being filed together with a new application, the execution date of the application is: **November 2, 1998**  
A. Patent Application No.(s): **UNKNOWN** B. Patent No.(s): **UNKNOWN**  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Stephen D. Dellett, Esq.**  
**Arnold, White & Durkee**  
**P.O. Box 4433**  
City: **Houston** State: **Texas** Zip: **77210**

6. Total number of applications and patents involved: 1  
7. Total fee (37 C.F.R. 3.41) \_\_\_\_\_ \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
if check insufficient or inadvertently omitted  
8. Deposit account number: 01-2508/FMIS:004  
(Attach duplicate copy of this page if paying by deposit account)

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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.*

11/06/1998  
02 FC:561

**STEPHEN D. DELLETT**  
Name of Person Signing, Reg. No. **32,564**

*[Signature]*  
Signature

**11/02/98**  
Date

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

EXPRESS MAIL MAILING LABEL  
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington D.C. 20231.  
*[Signature]*  
**JOHN MCDAVITT**

Mail documents to be recorded with required cover sheet information to:  
**Commissioner of Patents and Trademarks, Office of Public Records,**  
**Crystal Gateway 4, Room 335, Washington, D.C. 20231**

109/184751  
11/02/98

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

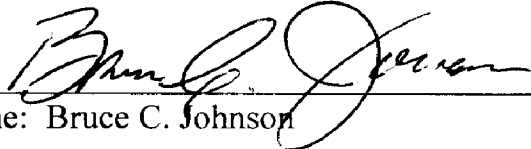
SELL, ASSIGN AND TRANSFER to CALLIDUS TECHNOLOGIES, INC. (the "Assignee"), a corporation of the State of Oklahoma, having a place of business at 7130 S. Lewis, Tulsa, Oklahoma 74136, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**METHOD AND APPARATUS FOR QUENCHING HOT FLUE GASES**" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

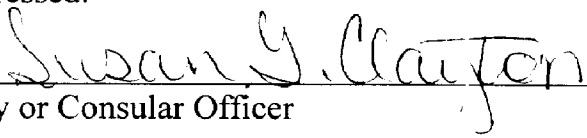
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:   
 Name: Bruce C. Johnson

Date: 10/28/98

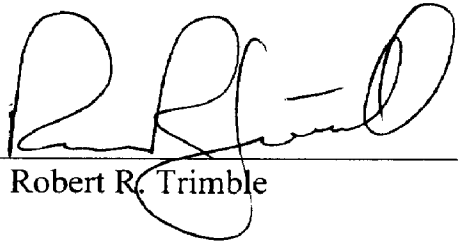
STATE OF OKLAHOMA )  
 )  
 ) ss.  
 COUNTY OF  Tulsa  )

BEFORE ME, the undersigned authority, on this 28 day of October 1998, personally appeared Bruce C. Johnson, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

  
 Notary or Consular Officer

[SEAL]

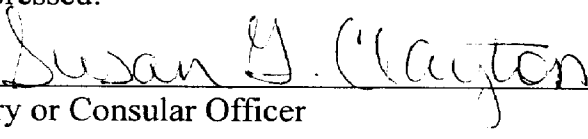
my commission expires 10/20/99

Signature:   
 Name: Robert R. Trimble

Date: OCTOBER 28, 1998

STATE OF OKLAHOMA )  
 )  
 ) ss.  
 COUNTY OF  Tulsa  )

BEFORE ME, the undersigned authority, on this 28 day of October 1998, personally appeared Robert R. Trimble, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

  
 Notary or Consular Officer

[SEAL]

my commission expires 10/20/99

Signature: Randhir C. Desai  
Name: Randhir C. Desai

Date: 10/28/98

STATE OF OKLAHOMA )  
COUNTY OF  Tulsa  ) ss.

BEFORE ME, the undersigned authority, on this 28 day of October, 1998, personally appeared Randhir C. Desai, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Susan G Clayton  
Notary or Consular Officer

[SEAL]

my commission expires 10/24/99

ARNOLD, WHITE & DURKEE

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