

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6096092

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN WU	04/06/2020
NATHAN E. BAHR	04/06/2020
RANGA S. RAMANUJAN	01/15/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARCHITECTURE TECHNOLOGY CORPORATION
<b>Street Address:</b>	9971 VALLEY VIEW ROAD
<b>City:</b>	EDEN PRAIRIE
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55344
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16842625
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)436-9605
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	6124369609
<b>Email:</b>	DOCKETING@CARLSONCASPER.S.COM
<b>Correspondent Name:</b>	AARON W. PEDERSON
<b>Address Line 1:</b>	CARLSON, CASPERS, VANDENBURGH & LINDQUIST P.A.
<b>Address Line 2:</b>	225 S. SIXTH ST., SUITE 4200
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	1367.028US3
<b>NAME OF SUBMITTER:</b>	AARON W. PEDERSON
<b>SIGNATURE:</b>	/Aaron W. Pederson/
<b>DATE SIGNED:</b>	05/07/2020
<b>Total Attachments: 7</b>	
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## ASSIGNMENT

WHEREAS, we, John Wu residing at 17636 Cascade Drive, Eden Prairie, MN 55437, United States; and Nathan E. Bahr residing at 16563 Terry Pine Drive, Eden Prairie, MN 553547, United States, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled IP PACKET TRANSLATION FOR LOW-OVERHEAD OUT-OF-BAND DATA EMBEDDING (the "Application").

AND WHEREAS, ARCHITECTURE TECHNOLOGY CORPORATION a corporation organized and existing under and by virtue of the laws of the state of Minnesota, and having an office and place of business at 9971 Valley View Road, Eden Prairie, MN 55344, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Assignment

Title: IP PACKET TRANSLATION FOR LOW-OVERHEAD OUT-OF-BAND DATA EMBEDDING

ATTORNEY DOCKET: 1367.028US3

PAGE 2 OF 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6<sup>th</sup> day of April

2020.

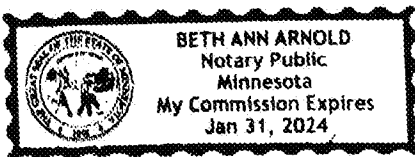
  
\_\_\_\_\_  
John Wu

STATE of Minnesota)  
)ss.  
COUNTY of Hennepin)

On this 6 day of April, 2020, before me personally appeared John Wu to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

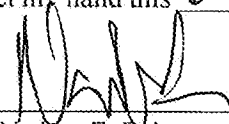
[SEAL]

  
\_\_\_\_\_  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of April

2020.

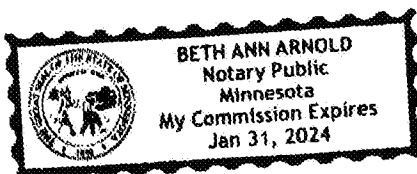
  
\_\_\_\_\_  
Nathan E. Bahr

STATE of Minnesota)  
)ss.  
COUNTY of Hennepin)

On this 6 day of April, 2020, before me personally appeared Nathan E. Bahr to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

  
\_\_\_\_\_  
Notary Public



### ASSIGNMENT

WHEREAS, we, John Wu residing at 17636 Cascade Drive, Eden Prairie, MN 55437, United States; Nathan E. Bahr residing at 16563 Terry Pine Drive, Eden Prairie, MN 55347, United States; Ranga S. Ramanujan residing at 110 Cassia Court, Medina, MN 55340, United States, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled IP PACKET TRANSLATION TO PIGGYBACK NETWORKING INFORMATION (the "Application").

AND WHEREAS, ARCHITECTURE TECHNOLOGY, INC., a corporation organized and existing under and by virtue of the laws of the state of Minnesota, and having an office and place of business at 9971 Valley View Road, Eden Prairie, MN 55344, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Assignment

Title: IP PACKET TRANSLATION TO PIGGYBACK NETWORKING INFORMATION

ATTORNEY DOCKET: 1367.028US1

PAGE 2 OF 3

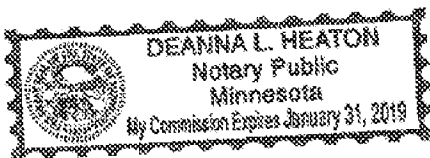
IN TESTIMONY WHEREOF, I have hereunto set my hand this 15<sup>th</sup> day of January, 2019.

John Wu  
John Wu

STATE of MN)  
)ss.  
COUNTY of Hennepin)

On this 15<sup>th</sup> day of January, 2019, before me personally appeared John Wu to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Deanna L. Heaton  
Notary Public

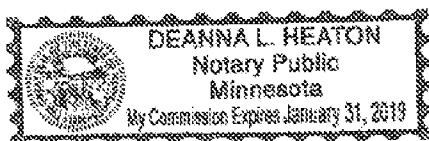
IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of January, 2019.

Nathan E. Bahr  
Nathan E. Bahr

STATE of MN)  
)ss.  
COUNTY of Hennepin)

On this 15<sup>th</sup> day of January, 2019, before me personally appeared Nathan E. Bahr to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Deanna L. Heaton  
Notary Public

Assignment

Title: IP PACKET TRANSLATION TO PIGGYBACK NETWORKING INFORMATION

ATTORNEY DOCKET: 1367.028US1

PAGE 3 OF 3

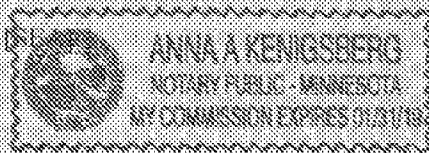
IN TESTIMONY WHEREOF, I have hereunto set my hand this 15<sup>th</sup> day of January, 2019.

R. S. Ramanujan  
Ranga S. Ramanujan

STATE of Minnesota  
JSS.

COUNTY of Le Sueur

On this 15<sup>th</sup> day of January, 2019, before me personally appeared Ranga S. Ramanujan to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



[Signature]  
Notary Public



MINNESOTA SECRETARY OF STATE  
*AND OR*  
CERTIFICATE OF ASSUMED NAME

20823690002

Minnesota Statutes Chapter 333

Read the directions on reverse side before completing.

Filing fee: \$25.00

The filing of an assumed name does not provide a user with exclusive rights to that name. The filing is required for consumer protection in order to enable consumers to be able to identify the true owner of a business.

PLEASE TYPE OR PRINT LEGIBLY IN BLACK INK FOR MICROFILMING PURPOSES.

1. State the exact assumed name under which the business is or will be conducted: (one business name per application)

Architecture Technology Corporation

2. State the address of the principal place of business. A complete street address or rural route and rural route box number is required; the address cannot be a P.O. Box.

9971 Valley View Road	Minneapolis	MN	55344
Street	City	State	Zip

3. List the name and complete street address of all persons conducting business under the above Assumed Name or if the business is a corporation, provide the legal corporate name and registered office address of the corporation. Attach additional sheet(s) if necessary.

Name (please print)	Street	City	State	Zip
Architecture Technology, Inc.	9971 Valley View Road	Eden Prairie	MN	55344

4. I certify that I am authorized to sign this certificate and I further certify that I understand that by signing this certificate, I am subject to the penalties of perjury as set forth in Minnesota Statutes section 609.48 as if I had signed this certificate under oath.

*Kenneth J. Thurber*

Signature (ONLY one person listed in #3 is required to sign.)

October 26, 2006

Date

Kenneth J. Thurber, President

Print Name and Title

Rick Edin

Contact Person

STATE OF MINNESOTA  
DEPARTMENT OF STATE  
FILED

952-829-5864, x107

Daytime Phone Number

NOV 03 2006

bus39 Certificate of Assumed Name Rev. 1-06

*Mary Kiffman*  
Secretary of State

PATENT  
REEL: 052600 FRAME: 0717



## Office of the Minnesota Secretary of State Certification of Record

I, Steve Simon, Secretary of State of Minnesota, do certify that: The filing(s) listed below were filed in the Minnesota computerized/central filing system on the date(s) listed below and that the copies associated with this certification are a true and complete copy of those filings as filed in that system.

**Filing(s) filed on:**

<u>Filing Date</u>	<u>Filing Type</u>	<u>Filing Number</u>
11/03/2006	Original Filing - Assumed Name	2082369-2

This certificate has been issued on: 09/04/2019



A handwritten signature in cursive script that reads "Steve Simon".

Steve Simon  
Secretary of State  
State of Minnesota