

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
Edgetech I.G., Inc.	05/31/2012
RECEIVING PARTY DATA	
Name:	Quanex IG Systems, Inc.
Street Address:	800 Cochran Ave
City:	Cambridge
State/Country:	OHIO
Postal Code:	43725
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	7347909
Patent Number:	8043455
Application Number:	13280706
CORRESPONDENCE DATA	
Fax Number:	8663119964
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	330-526-0104
Email:	docket@PatentlawyerZ.com
Correspondent Name:	Fred Zollinger
Address Line 1:	P.O. Box 2368
Address Line 4:	North Canton, OHIO 44720
ATTORNEY DOCKET NUMBER:	IG000A
NAME OF SUBMITTER:	Fred H. Zollinger III
Signature:	/fhziii/
Date:	08/22/2013

OP \$120.00 7347909

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Total Attachments: 6

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DATE:	DOCUMENT ID	DESCRIPTION	FILING	EXPED	PENALTY	CERT	COPY
05/31/2012	201215200426	DOMESTIC/AMENDED RESTATED ARTICLES (AMA)	65.00	300.00		.00	.00

Receipt

This is not a bill. Please do not remit payment.

THOMPSON HINE LLP
 ATTN:CAROL R. RUSSELL
 41 S. HIGH ST., #1700
 COLUMBUS, OH 43215

STATE OF OHIO CERTIFICATE

Ohio Secretary of State, Jon Husted

872136

It is hereby certified that the Secretary of State of Ohio has custody of the business records for

QUANEX IG SYSTEMS, INC.

and, that said business records show the filing and recording of:

Document(s)

DOMESTIC/AMENDED RESTATED ARTICLES

Document No(s):

201215200426



United States of America
 State of Ohio
 Office of the Secretary of State

Witness my hand and the seal of
 the Secretary of State at Columbus,
 Ohio this 31st day of May, A.D.
 2012.

Ohio Secretary of State



Form 540 Prescribed by:
JON HUSTED
Ohio Secretary of State

Central Ohio: (614) 466-3910
Toll Free: (877) SOS-FILE (767-3453)
www.OhioSecretaryofState.gov
Busserv@OhioSecretaryofState.gov

Mall this form to one of the following:

Regular Filing (non expedite)
P.O. Box 1329
Columbus, OH 43216

Expedite Filing (Two-business day processing
time requires an additional \$100.00).
P.O. Box 1380
Columbus, OH 43216

Certificate of Amendment
(For-Profit, Domestic Corporation)
Filing Fee: \$50

Check appropriate box:

- Amendment to existing Articles of Incorporation (125-AMDS)
- Amended and Restated Articles (122-AMAP) - The following articles supersede the existing articles and all amendments thereto.

Complete the following information:

Name of Corporation

Charter Number

RECEIVED
SECRETARY OF STATE
2012 MAY 31 AM 9:32
CLIENT SERVICE CENTER

Check one box below and provide information as required:

- The articles are hereby amended by the **Incorporators**. Pursuant to Ohio Revised Code section 1701.70(A), incorporators may adopt an amendment to the articles by a writing signed by them if initial directors are not named in the articles or elected and before subscriptions to shares have been received.
- The articles are hereby amended by the **Directors**. Pursuant to Ohio Revised Code section 1701.70 (A), directors may adopt amendments if initial directors were named in articles or elected, but subscriptions to shares have not been received. Also, Ohio Revised Code section 1701.70(B) sets forth additional cases in which directors may adopt an amendment to the articles.

The resolution was adopted pursuant to Ohio Revised Code section 1701.70(B)
(In this space insert the number 1 through 10 to provide basis for adoption.)


- The articles are hereby amended by the **Shareholders** pursuant to Ohio Revised Code section 1701.71.

A copy of the resolution of amendment is attached to this document.

Note: If amended articles were adopted, they must set forth all provisions required in original articles except that articles amended by directors or shareholders need not contain any statement with respect to initial stated capital. See Ohio Revised Code section 1701.04 for required provisions.

Required
 Must be signed by all incorporators, if amended by incorporators, or an authorized officer if amended by directors or shareholders, pursuant to Ohio Revised Code section 1701.73(B) and (C).

If authorized representative is an individual, then they must sign in the "signature" box and print their name in the "Print Name" box.


 Signature

By (if applicable)

Kevin Delaney, Vice President - Secretary
 Print Name

Signature

By (if applicable)

Print Name

ATTACHMENT TO CERTIFICATE OF AMENDMENT

OF

EDGETECH I.G., INC.

The following resolution with respect to the amendment of the Articles of Incorporation of Edgetech I.G., Inc., an Ohio corporation (the "Corporation") was approved and adopted by the sole shareholder in a writing signed by the sole shareholder, effective as of May 31, 2012, pursuant to Ohio Revised Code Section 1701.54:

WHEREAS, the Company was formed by the filing of its Articles of Incorporation with the Ohio Secretary of State on May 23, 1994 (the "Articles"); and

WHEREAS, the Shareholder desires to amend and restate the Articles to change the name of the Company to Quanex IG Systems, Inc. and to increase the number of authorized shares of the Corporation to One Thousand (1,000) common shares without par value by filing the form attached hereto as Exhibit A (the "Amended and Restated Articles") with the Ohio Secretary of State.

NOW, THEREFORE, BE IT RESOLVED, that, the Shareholder declares the adoption of the Amended and Restated Articles to be advisable and the Amended and Restated Articles be, and hereby are, adopted to supersede and take the place of the existing Articles of Incorporation of the Company.

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EXHIBIT A

**AMENDED AND RESTATED ARTICLES OF INCORPORATION
OF
QUANEX IG SYSTEMS, INC.**

FIRST. The name of said corporation is QUANEX IG SYSTEMS, INC. (the "Corporation").

SECOND. The principal office of the Corporation is to be located in the City of Cambridge, County of Guernsey, State of Ohio.

THIRD. The Corporation is formed for the purpose of engaging in any lawful act or activities for which corporations may be formed under Chapter 1701 of the Ohio Revised Code.

FOURTH. The maximum number of shares which the Corporation is authorized to have outstanding is One Thousand (1,000) shares, all of which shall be common shares without par value.

FIFTH. The Corporation, through its Board of Directors, shall have the right and power to repurchase any of its outstanding shares at such price and upon such terms and from such shareholder or shareholders, without regard to pro rata redemption and the provisions of Section 1701.13(B) of the Ohio Revised Code, as may be agreed upon between the Corporation and the selling shareholder or shareholders.

SIXTH. The Corporation shall indemnify any director, officer, employee, or agent, or any former director, officer, employee, or agent of the Corporation, against expenses (including attorney fees, judgments, decrees, fines, penalties, amounts paid in settlement and other liabilities to the extent permitted by Section 1701.13(E) of the Ohio Revised Code.

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SEVENTH. These Amended and Restated Articles of Incorporation supersede and take the place of the existing Articles of Incorporation of the Corporation.

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