

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LESLIE M. CANNING JR.	12/02/2016
NATHAN T. TUTTLE	12/02/2016
CODY J. WALSH	12/02/2016
JOSEPH D. FLORIO	12/02/2016
KENNETH F. WAYMAN	12/02/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUANEX IG SYSTEMS, INC.
<b>Street Address:</b>	800 COCHRAN AVENUE
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43725
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62214704
<b>Application Number:</b>	15256122
<b>CORRESPONDENCE DATA</b>	
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<b>Email:</b>	FredZ@PatentlawyerZ.com
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<b>Address Line 1:</b>	P.O. BOX 2368
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<b>ATTORNEY DOCKET NUMBER:</b>	IG130C
<b>NAME OF SUBMITTER:</b>	FRED H. ZOLLINGER III
<b>SIGNATURE:</b>	/fhziii/
<b>DATE SIGNED:</b>	12/14/2016
<b>Total Attachments: 1</b>	



Assignment Agreement

I, an undersigned joint inventor, have contributed to the inventions which now are described in:

- US provisional application 62/214,704 filed 04 September 2015;
- US Patent Application 15/256,122 filed 02 September 2016;
- Canadian Patent Application 2,941,073 filed 06 September 2016; and
- European Patent Application 16187249.4 filed 05 September 2016.

NOW THEREFORE, pursuant to the obligations imposed by or arising under one or more of the agreements between myself and the Assignee, I hereby make the following assignment:

For good and valuable consideration, the receipt of which is acknowledged by each of the undersigned inventors, I hereby make the following assignment:

To **Quanex IG Systems, Inc.**, an Ohio Corporation, 800 Cochran Avenue, Cambridge, OH 43725, and its successors and assigns, I hereby:

1) assign, transfer, and set over the full and exclusive right to the above-described invention and to the above-described applications for letters patent as well as any substitute, continuation, continuation-in-part, or divisional application filed thereon, to any application for letters patent that claims priority from or the benefit of the above-described application, and to any letters patent that issues from such application(s) as well as any reissue application or request for reexamination filed on such letters patent;

2) covenant and agree for myself and my legal representative(s) to

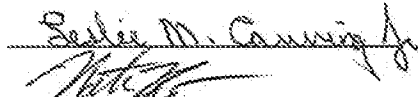
a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of said application for patent, in any interference declared on said application for patent or patent issuing therefrom, or in litigation which arises out of or is based on said application for patent or patent issuing therefrom, and

b) execute all papers related to said application for patent which said assignee or its designee(s) request to be signed, provided that expenses relating thereto shall be borne by said assignee; and

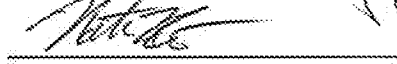
3) authorize and request the Commissioner of Patents and Trademarks to issue any letters patent of the United States relating to the above-described invention in the name of said assignee.

Inventors:

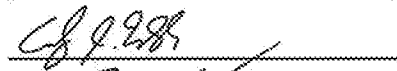
Leslie M. Canning, Jr.



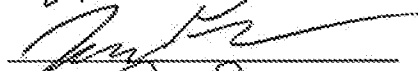
Nathan T Tuttle



Cody J Walsh



Joseph D. Florio



Kenneth F. Wayman



Accepted by:

Quanex IG Systems, Inc., assignee

George L. Wilson, President  
December 2, 2016

