PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3581065

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW A. KENEDY	03/19/2008
CHARLES A. ELDERING	03/19/2008

RECEIVING PARTY DATA

Name:	EXPANSE NETWORKS, INC.
Street Address:	524 ST. LAWRENCE WAY
City:	FURLONG
State/Country:	PENNSYLVANIA
Postal Code:	18925

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14887688

CORRESPONDENCE DATA

(267)880-1721 Fax Number:

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.

Phone: 267-880-1720

Email: phespell@techpats.com **Correspondent Name:** CHARLES ELDERING 100 S, MAIN STREET Address Line 1:

Address Line 2: SUITE 200

Address Line 4: DOYLESTOWN, PENNSYLVANIA 18901

ATTORNEY DOCKET NUMBER:	EBI-034-3
NAME OF SUBMITTER:	PATTI HESPELL
SIGNATURE:	/plh/
DATE SIGNED:	10/22/2015

Total Attachments: 2

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> **PATENT** REEL: 036852 FRAME: 0930 503534438

Patent Assignment Agreement

In consideration of One Dollar (\$1.00) and other good and valuable consideration acknowledged, and intending to be legally bound, Andrew A. Kenedy ("Assignmailing address of 5223 Meadow Canyon Dr., Sugar Land, TX 77479, sells, assing Networks, Inc. ("Assignee"), an organization having a mailing address of 524 St. 18925 the entire right, title and interest in and to the U.S. patent appled Determination and Impact Analysis," filed 3/13/2008, Serial No. 12 inventions and discoveries disclosed therein, provisionals, patents and patent appled claimed, continuations, continuations-in-part, divisions, reissues, reexamination and corresponding foreign patent rights (collectively called the "Patents"), including to sue and collect damages, royalties and other payments for past, present the Patents.	nor"), an individual having a igns and conveys to Expanse Lawrence Way, Furlong, PA lication entitled "Treatment 2/048194", including all plications to which priority is ns, extensions and renewals luding without limitation all
Assignor authorizes Assignee's counsel to insert in this Assignment, after its ex Serial Number of the above-identified patent application.	xecution, the filing date and
In aid of the foregoing assignment, Assignor will provide assistance to Assignee,	as requested, in:
(a) Providing copies of files and other information (whether electro Patents; and	onic or other) relevant to the
(b) Any and all prosecution, litigation and/or licensing of the limitation the execution and delivery of any documents; provid will pay reasonable fees for the time of Assignor expended and a pocket expenses incurred by Assignor in response to requests of A	ded, however, that Assignee reimburse reasonable out-of-
Executed by Assignor this 19th day of March, 2008.	
Andrew A. Hemoly	
Name:	
State or Commonwealth of Pennsylvania	
County of Bucks	
On this 19th day of March , 2008, before Andrew A. Kenedy , the Assignor, and acknowledged the foregoing free and voluntary act and deed.	e me personally appeared ing Assignment to be his/her
In witness whereof, I have hereunto set my hand and affixed my official seal t	he day and year first above
written.	1. 1
(Signature)	
	NOTARIAL SEAL DEBORAH GROWE Notary Public of PIPERSVILLE, BUCKS COUNTY mmission Expires Dec 22, 2008

My appointment expires Dic. 22, 2008.

PATENT REEL: 036852 FRAME: 0931

Patent Assignment Agreement

In consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is acknowledged, and intending to be legally bound, Charles A. Eldering ("Assignor"), an individual having a mailing address of 524 St. Lawrence Way, Furlong, PA 18925, sells, assigns and conveys to Expanse Networks, Inc. ("Assignee"), an organization having a mailing address of 524 St. Lawrence Way, Furlong, PA 18925 the entire right, title and interest in and to the U.S. patent application entitled "Treatment Determination and Impact Analysis," filed 3/13/2008, Serial No. 12/048194, including all inventions and discoveries disclosed therein, provisionals, patents and patent applications to which priority is claimed, continuations, continuations-in-part, divisions, reissues, reexaminations, extensions and renewals and corresponding foreign patent rights (collectively called the "Patents"), including without limitation all rights to sue and collect damages, royalties and other payments for past, present and future infringements of the Patents.
Assignor authorizes Assignee's counsel to insert in this Assignment, after its execution, the filing date and Serial Number of the above-identified patent application.
In aid of the foregoing assignment, Assignor will provide assistance to Assignee, as requested, in:
(a) Providing copies of files and other information (whether electronic or other) relevant to the Patents; and
(b) Any and all prosecution, litigation and/or licensing of the Patents, including without limitation the execution and delivery of any documents; provided, however, that Assignee will pay reasonable fees for the time of Assignor expended and reimburse reasonable out-of-pocket expenses incurred by Assignor in response to requests of Assignee.
Executed by Assignor this 19th day of March, 2008.
Che alle
Name:
State or Commonwealth of Pennsylvania
County of Bucks
On this 19th day of March , 2008, before me personally appeared Charles A. Eldering, the Assignor, and acknowledged the foregoing Assignment to be his/her free and voluntary act and deed.
In witness whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.
(Signature)
Notary public in and for the State on Commence With of PA DEBORAH GROWE

PATENT REEL: 036852 FRAME: 0932

Notory Public
CITY OF PIPERSVILLE, BUCKS COUNTY
My Commission Expires Dec 22, 2008

RECORDED: 10/22/2015

State or Commonwealth of

My appointment expires De 2 22 2008.