# 503005162 10/03/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3051762

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
JASON E BUTCHKO	10/03/2014	
MARK BARMETTLER	10/03/2014	

# **RECEIVING PARTY DATA**

Name:	GREENLEE TEXTRON INC.
Street Address:	4455 BOEING DRIVE
City:	ROCKFORD
State/Country:	ILLINOIS
Postal Code:	61109

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14506106

### **CORRESPONDENCE DATA**

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:** 773-570-3330

**Email:** docketing@kandrip.com

Correspondent Name: KLINTWORTH & ROZENBLAT IP LLC

Address Line 1: 850 W JACKSON BLVD

Address Line 2: SUITE 525

Address Line 4: CHICAGO, ILLINOIS 60607

ATTORNEY DOCKET NUMBER:	TII01-069-US	
NAME OF SUBMITTER:	VINCENT J. GNOFFO	
SIGNATURE:	/Vincent J. Gnoffo/	
DATE SIGNED:	10/03/2014	

**Total Attachments: 2** 

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PATENT 503005162 REEL: 033883 FRAME: 0692

Docket No.: TII01-069-US

#### ASSIGNMENT

WHEREAS, Jason Butchko, residing at 43799 Via Cavalo, Temecula, California 92592 and Mark Barmettler, residing at 16116 Cayenne Creek Road, San Diego, California 92127, have invented a certain new and useful invention and improvement (hereinafter "Invention") described in the United States patent application entitled PLACED WIRELESS INSTRUMENTS FOR PREDICTING QUALITY OF SERVICE for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor filed herewith;

WHEREAS, Greenlee Textron Inc., a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 4455 Boeing Drive, Rockford, Illinois 61109, USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

Ja Ebuckha	10/3/14	
Jason Butchko	Date	
Mark Barmettler	Date	

Docket No.: TII01-069-US

#### ASSIGNMENT

WHEREAS, Jason Butchko, residing at 43799 Via Cavalo, Temecula, California 92592 and Mark Barmettler, residing at 16116 Cayenne Creek Road, San Diego, California 92127, have invented a certain new and useful invention and improvement (hereinafter "Invention") described in the United States patent application entitled PLACED WIRELESS INSTRUMENTS FOR PREDICTING QUALITY OF SERVICE for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor filed herewith;

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation—in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

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IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

10/3/2014

Jason Butchko Date

PATENT REEL: 033883 FRAME: 0694

**RECORDED: 10/03/2014**