506034096 04/28/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER SCHNEIDER	03/01/2017
HAIMING GU	03/03/2017
JIANRUI ZHENG	03/03/2017
JIANJUN MEI	03/03/2017

RECEIVING PARTY DATA

Name:	CHECKPOINT SYSTEMS, INC.
Street Address:	101 WOLF DRIVE
City:	THOROFARE
State/Country:	NEW JERSEY
Postal Code:	08086

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15972440

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	TODD A. BENNI
SIGNATURE:	/Todd A. Benni/
DATE SIGNED:	04/28/2020

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> PATENT REEL: 052508 FRAME: 0950

ASSIGNMENT

For good and valuable consideration provided by Assignee to Assignor(s), the receipt and sufficiency of which is hereby acknowledged, Assignor(s) hereby assigns, sells, and transfers to Assignee, which includes Assignee's successors, assigns, and legal representatives, (Assignor(s) whole and entire right, title, and interest, in and throughout the world and all countries and territories, in and to:

(1) any and all inventions which are disclosed in the following application for Letters Patent (all hereinafter referred to as "said Inventions")

Title: Product Strap Detection Apparatus and Method **Application Serial No.:**

Filed: March 03, 2017

- (2) any and all non-provisional, divisional, continuation, continuation-in-part, renewal, substitute, provisional, design, utility model, convention, or other applications based in whole or in part upon said Inventions, including any and all applications for patent or similar rights from which the above-identified application claims priority (all hereinafter referred to as "said Applications");
- (3) any and all letters patent granted for said Inventions or upon said Applications (all hereinafter referred to as "said Letters Patent");
- (4) any and all reissues, reexaminations, and extensions of Letters Patent granted for said Inventions or upon said Applications;
- (5) any and all improvements to said Inventions or to said Applications which I/we make, conceive, or acquire; and
- (6) any and all priority rights that are predicated upon or arise from said Inventions, said Applications, and said Letters Patent.

Assignor(s) authorize Assignee to file, or forego filing, patent applications in any or all countries on said Inventions in the name of the undersigned or in the name of said Assignee.

Assignor(s) authorize the commissioners of patents for each country, or territory, or union thereof to issue or transfer said Letters Patent to Assignee that are based on said Inventions.

Assignor(s) warrant that Assignor(s) have full power to convey Assignors'(s') right, title, and interest in said Inventions to Assignee, and that such right, title, and interest is not encumbered by another assignment, grant, mortgage, license, or other agreement theretofore executed that affects the right, title, and interest conveyed herein.

Assignor(s)agree: to provide or execute oaths, declarations, assignments, powers of attorney, invention disclaimers, affidavits, petitions, specifications, and other papers that are requested by Assignee and associated with said Inventions, said Applications, or said Letters Patent; to furnish Assignee with all facts relating to said Inventions, said Applications, or the histories thereof; to furnish Assignee with any and all documents, photographs, models, samples, other physical exhibits or materials which may embody or relate to said Inventions; and to testify in any proceedings relating to said Inventions, said Applications, or said Letters Patent.

Assignor(s) hereby authorize said Assignee or an authorized representative of Assignee the power to insert on this Assignment the application serial number, filing date, or any further identification that may be necessary or desirable to the Assignee for recordation of the this Assignment.

This Assignment is deemed to be effective at least as early as March 03, 2017.

IN WITNESS WHEREOF, the parties hereto have duly caused this Assignment to be executed by the individuals identified below who have the authority to and are signing on behalf of the Assignor(s) or Assignee, as appropriate, and intend to be legally bound thereby.

Version 8/2015 Docket No. 40401/09431

> **PATENT** REEL: 052506 FRAME: 0983

ASSIGNEE

CHECKPOINT SYSTEMS, INC. 101 Wolf Drive Thorofare, New Jersey 08086 US

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Docket No. 40401/09431

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Docket No. 40401/09431

Version 8/2015

PATENT REEL: 0**52**508 FRAME: 09**86**

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Docket No. 40401/09431

Version 8/2015

PATENT REEL: 0**52**506 FRAME: 098**3**

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Docket No. 40401/09431

Version 8/2015

RECORDED: 03/28/2020

PATENT REEL: 0**52**506 FRAME: 0986