

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4031017

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IAN GOODWIN	04/27/2016
FAISAL MASUD	06/16/2016
SHIV AGARWAL	04/27/2016
RYAN BARTLEY	04/29/2016
M. STEVEN WALKER	04/27/2016
PRATABKUMAR VEMANA	05/25/2016
RECEIVING PARTY DATA	
Name:	STAPLES, INC.
Street Address:	500 STAPLES DRIVE
City:	FRAMINGHAM
State/Country:	MASSACHUSETTS
Postal Code:	01702
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15136438
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	10027-05451 US
NAME OF SUBMITTER:	PAIGE M. ALSBURY
SIGNATURE:	/Paige Alsbury/
DATE SIGNED:	08/30/2016
Total Attachments: 3	

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **STAPLES, INC.**, a **Delaware** corporation, having a place of business at **500 Staples Drive, Framingham, MA 01702** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **INTELLIGENT ITEM TRACKING AND EXPEDITED ITEM REORDERING BY STAKEHOLDERS** ("APPLICATION"), which:

- ☒ having a filing date of April 22, 2016, and bearing U.S. application serial number 15/136,438.
- ☒ The APPLICATION claims the benefit of provisional application, filed on April 22, 2015, now bearing U.S. application serial number 62/151,389; and provisional application, filed on July 23, 2015, now bearing U.S. application serial number 62/196,201.

2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
 (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

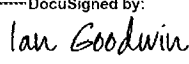
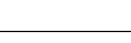
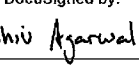
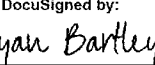
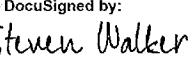
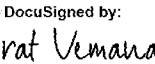
INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

Title: INTELLIGENT ITEM TRACKING AND EXPEDITED ITEM
REORDERING BY STAKEHOLDERS
Filed: April 22, 2016
Application No.: 15/136,438

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<p>X <small>DocuSigned by:</small>  <small>66EBA911C51B4C4...</small> Ian Goodwin</p>	<p>4/27/2016 <hr/> Date of Signature</p>
<p>X <small>DocuSigned by:</small>  <small>0033F566B5D7405...</small> Faisal Masud</p>	<p> <hr/> Date of Signature</p>
<p>X <small>DocuSigned by:</small>  <small>0033F566B5D7405...</small> Shiv Agarwal</p>	<p>4/27/2016 <hr/> Date of Signature</p>
<p>X <small>DocuSigned by:</small>  <small>339F1C4525FA4B4...</small> Ryan Bartley</p>	<p>4/29/2016 <hr/> Date of Signature</p>
<p>X <small>DocuSigned by:</small>  <small>432A53F2136F4DC...</small> M. Steven Walker</p>	<p>4/27/2016 <hr/> Date of Signature</p>
<p>X <small>DocuSigned by:</small>  <small>B1DBCCB1D74F4BA...</small> Pratabkumar Vemana</p>	<p>5/25/2016 <hr/> Date of Signature</p>

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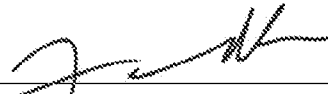
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This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

X _____
Ian Goodwin

Date of Signature

X 
Faisal Masud

06/16/2016

Date of Signature

X _____
Shiv Agarwal

Date of Signature

X _____
Ryan Bartley

Date of Signature

X _____
M. Steven Walker

Date of Signature

X _____
Pratabkumar Vemana

Date of Signature