PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4690955

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	SECURITY INTEREST
RESUBMIT DOCUMENT ID:	504546424
SEQUENCE:	4

CONVEYING PARTY DATA

Name	Execution Date
STAPLES, INC.	09/12/2017
STAPLES BRANDS INC.	09/12/2017

RECEIVING PARTY DATA

Name:	UBS AG, STAMFORD BRANCH, AS COLLATERAL AGENT	
Street Address:	600 WASHINGTON BLVD., 9TH FLOOR	
City:	STAMFORD	
State/Country:	CONNECTICUT	
Postal Code:	06901	

PROPERTY NUMBERS Total: 153

Property Type	Number
Patent Number:	9552400
Patent Number:	9253202
Patent Number:	D794118
Patent Number:	D776194
Patent Number:	D735270
Patent Number:	D733161
Patent Number:	D731593
Patent Number:	D715353
Patent Number:	D695829
Patent Number:	D694824
Patent Number:	D694330
Patent Number:	D694329
Patent Number:	D685850
Patent Number:	D685849
Patent Number:	D677332
Patent Number:	D676729
Patent Number:	D674018

PATENT REEL: 044152 FRAME: 0130

504644235

Property Type	Number
Patent Number:	D669936
Patent Number:	D666673
Patent Number:	D666242
Patent Number:	D660907
Patent Number:	D660345
Patent Number:	D658716
Patent Number:	D656546
Patent Number:	D656188
Patent Number:	D651239
Patent Number:	D619170
Patent Number:	D619169
Patent Number:	D618275
Patent Number:	D616490
Patent Number:	D614690
Patent Number:	D611088
Patent Number:	D608391
Patent Number:	D608390
Patent Number:	D605483
Patent Number:	D602983
Patent Number:	D602982
Patent Number:	D602524
Patent Number:	D602090
Patent Number:	D601631
Patent Number:	D601624
Patent Number:	D599636
Patent Number:	D597390
Patent Number:	D591794
Patent Number:	D587297
Patent Number:	D586846
Patent Number:	D578875
Patent Number:	D576675
Patent Number:	D576673
Patent Number:	D570170
Patent Number:	D569619
Patent Number:	D566771
Patent Number:	D566764
Patent Number:	D566190
Patent Number:	D565099

Property Type	Number
Patent Number:	D564594
Patent Number:	D564593
Patent Number:	D562907
Patent Number:	D559891
Patent Number:	D556250
Patent Number:	D555725
Patent Number:	D555391
Patent Number:	D555390
Patent Number:	D549778
Patent Number:	D549775
Patent Number:	D549655
Patent Number:	D549654
Patent Number:	D549653
Patent Number:	D549455
Patent Number:	D549176
Patent Number:	D547366
Patent Number:	D546872
Patent Number:	D545372
Patent Number:	D545371
Patent Number:	D545370
Patent Number:	D542848
Patent Number:	D541867
Patent Number:	D541866
Patent Number:	D541865
Patent Number:	D537880
Patent Number:	D537689
Patent Number:	D537688
Patent Number:	D537480
Patent Number:	D535554
Patent Number:	D534211
Patent Number:	D531471
Patent Number:	D531225
Patent Number:	D530999
Patent Number:	D530748
Patent Number:	D529495
Patent Number:	D524814
Patent Number:	D524811
Patent Number:	D524310

Property Type	Number
Patent Number:	D520459
Patent Number:	D517909
Patent Number:	D517908
Patent Number:	D516397
Patent Number:	D514907
Patent Number:	9561509
Patent Number:	9539846
Patent Number:	9440238
Patent Number:	9044993
Patent Number:	9044988
Patent Number:	8777138
Patent Number:	8505841
Patent Number:	8347770
Patent Number:	8234759
Patent Number:	8150943
Patent Number:	7731442
Patent Number:	7717639
Patent Number:	7610838
Patent Number:	7527449
Patent Number:	7524127
Patent Number:	7399136
Patent Number:	7346563
Patent Number:	7240026
Application Number:	15460130
Application Number:	62472498
Application Number:	15357944
Application Number:	14479359
Application Number:	14479358
Application Number:	62442891
Application Number:	62422594
Application Number:	62409819
Application Number:	62403001
Application Number:	62376366
Application Number:	62308627
Application Number:	15374460
Application Number:	15257909
Application Number:	15204941
Application Number:	15136438

Property Type	Number
Application Number:	15068336
Application Number:	15068313
Application Number:	14981211
Application Number:	14981041
Application Number:	14737376
Application Number:	14735064
Application Number:	14723360
Application Number:	14687908
Application Number:	14608152
Application Number:	14580222
Application Number:	14580220
Application Number:	14549547
Application Number:	14517613
Application Number:	14479356
Application Number:	14292650
Application Number:	14226618
Application Number:	14163537
Application Number:	13760046
Application Number:	13438044
Application Number:	29523263
Application Number:	29446844
Application Number:	14331186

CORRESPONDENCE DATA

Fax Number: (212)446-4900

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.

Email: susan.zablocki@kirkland.com

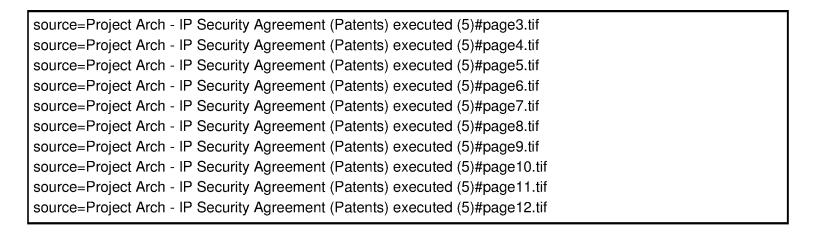
Correspondent Name: SUSAN ZABLOCKI Address Line 1: KIRKLAND & ELLIS LLP Address Line 2: **601 LEXINGTON AVENUE**

Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	24422-48
NAME OF SUBMITTER:	SUSAN ZABLOCKI
SIGNATURE:	/susan zablocki/
DATE SIGNED:	11/15/2017

Total Attachments: 12

source=Project Arch - IP Security Agreement (Patents) executed (5)#page1.tif source=Project Arch - IP Security Agreement (Patents) executed (5)#page2.tif



INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated September 12, 2017, is made by the Persons listed on the signature pages hereof (collectively, the "Grantors") in favor of UBS AG, STAMFORD BRANCH ("UBS"), as collateral agent (the "Term Loan Agent") for the Secured Parties. Capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Credit Agreement and the Security Agreement referred to therein.

WHEREAS, Arch Merger Sub Inc., a Delaware corporation (together with its permitted successors and assigns, the "Borrower"), Arch Parent Inc., a Delaware corporation ("Holdings"), UBS, as administrative agent (in such capacity, and together with its successors and permitted assigns, the "Administrative Agent"), and Term Loan Agent, each Lender from time to time party thereto and each other party thereto have entered into the Credit Agreement dated as of September 12, 2017 (the "Closing Date") (as amended, restated, amended and restated, extended, supplemented or otherwise modified from time to time, the "Credit Agreement"), pursuant to which the Lenders have severally agreed to make Loans to the Borrower upon the terms and subject to the conditions therein.

WHEREAS, in connection with the Credit Agreement, the Grantors have entered into the Security Agreement dated as of the Closing Date (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") in order to induce the Lenders to make Loans.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Term Loan Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the United States Patent and Trademark Office.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. <u>Grant of Security</u>. Each Grantor hereby grants to the Term Loan Agent for the benefit of the Secured Parties a security interest in all of such Grantor's right, title and interest in and to the following (the "<u>Collateral</u>"):

(a) (i) the issued and pending Patents (as defined in the Security Agreement) in the United States Patent and Trademark Office set forth in Schedule A hereto, (ii) all reissues, continuations, divisionals, continuations-in-part, or extensions thereof, and the inventions disclosed or claimed therein, (iii) all rights to sue or otherwise recover past, present and future infringement, misappropriation, dilution or other violation or impairment thereof, (iv) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages and proceeds of suit now or hereafter payable with respect thereto, and (v) all other rights of any kind accruing thereunder or pertaining thereto.

SECTION 2. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Obligations of such Grantor now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the secured Obligations and that would be owed by such Grantor to any Secured Party under the Loan Documents but for the fact that such secured Obligations are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving a Loan Party.

SECTION 3. <u>Recordation</u>. This IP Security Agreement has been executed and delivered by the Grantors for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. Each Grantor authorizes and requests that the Commissioner for Patents and the Commissioner for Trademarks record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Term Loan Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

SECTION 6. <u>Governing Law</u>. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

SECTION 7. Severability. In case any one or more of the provisions contained in this IP Security Agreement should be held invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein and in the Security Agreement shall not in any way be affected or impaired thereby (it being understood that the invalidity of a particular provision in a particular jurisdiction shall not in and of itself affect the validity of such provision in any other jurisdiction). The parties hereto shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

[Signature Pages Follow]

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IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

STAPLES, INC., as Initial Grantor

By:

Name: John Bue

REEL: 044152 FRAME: 0138

STAPLES BRANDS INC., as Initial Grantor

By:

lame: Jan Ro

Title: TARRAGIARA Q SUP

REEL: 044152 FRAME: 0139

UBS AG, STAMFORD BRANCH, as Term Loan Agent

By:

By:

Name: Houssem Daly
Associate Dire

Associate Director
Banking Products Services, US

Title:

Name: Title:

Craig Pearson

Associate Director

Banking Product Services, US

[Signature Page to Staples Term Loan IP Security Agreement (NAD)]

SCHEDULE A

<u>United States Patents and Patent Applications</u>

Patents and Patent Applications

Registered owner/	Patent	
Grantor	Title	Patent No. or Application No.
Staples, Inc.	CARTON INDUCTION	15/460,130
	OPTIMIZATION IN ORDER	
	FULFILLMENT PICKING	
	SYSTEM	
Staples, Inc.	MODULAR STORAGE	62/472,498
	FETCHING SYSTEM	
Staples, Inc.	TRANSACATIONAL	15/357,944
	DIGITAL IMAGED BASED	
	ASYNCHRONOUS	
	ELECTRONIC	
	COMMUNICATION	
Staples, Inc.	DEFINING AND MAPPING	9552400
	INTERFACE SEMANTICS	
Staples, Inc.	IT VULNERABILITY	9253202
	MANAGEMENT SYSTEM	
Staples, Inc.	AUTOMATED TARGETING	14/479,359
	OF INFORMATION TO AN	
	APPLICATION USER BASED	
	ON RETARGETING AND	
	UTILIZING EMAIL	
	MARKETING	
Staples, Inc.	AUTOMATED TARGETING	14/479,358
	OF INFORMATION	
	INFLUENCED BY DELIVERY	
	TO A USER	
Staples, Inc.	AUTOMATED TARGETING	14/479,356
	OF INFORMATION	
	INFLUENCED BY GEO-	
	LOCATION TO AN	
	APPLICATION USER USING	
	A MOBILE DEVICE	
Staples, Inc.	MODULAR STORAGE	62/442,891
	FETCHING SYSTEM (MSFS)	
Staples, Inc.	AUTONOMOUS	62/422,594
	MULTIMODAL LOGISTICS	
Staples, Inc.	TAPE PRINTER	62/409,819
Staples, Inc.	MODULAR STORAGE	62/403,001
	FETCHING SYSTEM (MSFS)	
Staples, Inc.	DYNAMIC IN AISLE	62/376,366
	NAVIGATION AND	
	REORDERING	

Registered owner/	Patent	
Grantor	Title	Patent No. or Application No.
Staples, Inc.	CARTON INDUCTION	62/308,627
	OPTIMIZATION IN ORDER	
	FULFILLMENT PICKING	
	SYSTEM	4.7/2.7.4.60
Staples, Inc.	DEFINING AND MAPPING	15/374,460
C. 1 T	INTERFACE SEMANTICS	15/257.044
Staples, Inc.	TRANSACTIONAL, DIGITAL	15/357,944
	IMAGE-BASED ASYNCHRONOUS	
	ELECTRONIC	
	COMMUNICATION	
Staples, Inc.	DECISION SUPPORT	15/257,909
Stapies, me.	SYSTEM FOR OPTIMIZING	13/237,505
	THE UNIT IDENTIFIER	
	STOCKING DECISION	
Staples, Inc.	LEARNING A VECTOR	15/204,941
	REPRESENTATION FOR	
	UNIQUE IDENTIFICATION	
	CODES	
Staples, Inc.	INTELLIGENT ITEM	15/136,438
-	TRACKING AND EXPEDITED	
	ITEM REORDERING BY	
	STAKEHOLDERS	
Staples, Inc.	ANALYZING PRODUCT	15/068,336
	REVIEW TAGS USING AN	
	OPEN N-GRAM APPROACH	
Staples, Inc.	REVIEW SENTIMENT	15/068,313
C. 1 T	ANALYSIS	14/001 211
Staples, Inc.	REALTIME FEEDBACK	14/981,211
	USING AFFINITY-BASED DYNAMIC USER	
	CLUSTERING	
Staples, Inc.	RANKING OF SEARCH	14/981,041
Stapies, me.	RESULTS BASED ON	14/201,041
	CUSTOMER INTENT	
Staples, Inc.	ABILITY TO INSTANTLY	14/737,376
Supres, and	INVOICE YOUR ACCOUNT	1
	FROM THE SHOPPING CART	
Staples, Inc.	LARGE-SCALE CUSTOMER-	14/735,064
1	PRODUCT RELATIONSHIP	
	MAPPING AND CONTACT	
	SCHEDULING	
Staples, Inc.	BAYESIAN BANDIT OFFER	14/723,360
	OPTIMIZATION	
Staples, Inc.	INFERENCE BASED	14/687,908
	BEHAVIORAL	
	PERSONALIZATION AND	
	TARGETING	

Registered owner/	Patent	D N. A. T N.
Grantor Staples, Inc.	Title CONTENT CUSTOMIZATION	Patent No. or Application No. 14/608,152
•		,
Staples, Inc.	ORDERING SEARCH RESULTS TO MAXIMIZE	14/580,222
	FINANCIAL GAIN	
Staples, Inc.	CLICKSTREAM PURCHASE	14/580,220
Stapies, me.	PREDICTION USING HIDDEN	14/300,220
	MARKOV MODELS	
Staples, Inc.	DYNAMIC DISCOUNT	14/549,547
• ,	OPTIMIZATION	,
Staples, Inc.	INTELLIGENT NAVIGATION	14/517,613
	INCLUDING SCREEN	
	ANIMATION	111170 770
Staples, Inc.	AUTOMATED TARGETING	14/479,359
	OF INFORMATION TO AN APPLICATION USER BASED	
	ON RETARGETING AND	
	UTILIZING EMAIL	
	MARKETING	
Staples, Inc.	AUTOMATED TARGETING	14/479,358
	OF INFORMATION	
	INFLUENCED BY DELIVERY	
	TO A USER	11/170 776
Staples, Inc.	AUTOMATED TARGETING	14/479,356
	OF INFORMATION INFLUENCED BY GEO-	
	LOCATION TO AN	
	APPLICATION USER USING	
	A MOBILE DEVICE	
Staples, Inc.	AUTOMATED	14/292,650
•	DETERMINATION,	
	NOTIFICATION AND	
	ACQUISITION OF PRINTER-	
	RELATED ITEMS (WINDOWS	
Stanlag Ina	8 INK FINDER) ON-SITE AND IN-STORE	14/226,618
Staples, Inc.	CONTENT	14/220,018
	PERSONALIZATION AND	
	OPTIMIZATION	
Staples, Inc.	INTELLIGENT PLATFORM	14/163,537
- .	FOR SELECTION AND	
	RECOMMENDATIONS IN	
	COPY AND PRINT SERVICES	
Staples, Inc.	ASSISTING CUSTOMERS TO	13/760,046
	FIND, PURCHASE, AND	
	RECEIVE MERCHANDISE	

Registered owner/		
Grantor ¹	Patent Title	Patent No. or Application No.
Staples Brands Inc.	BINDER SPINE HINGE	D794118
Staples Brands Inc.	NOTEBOOK	D776194
Staples Brands Inc.	NOTEBOOK SPINE WINDOW	D735270
Staples Brands Inc.	USB DRIVE HOLDER	D733161
Staples Brands Inc.	PAIR OF NOTEBOOK POCKET BUTTONS	D731593
Staples Brands Inc.	MEDIA SHREDDER	D715353
Staples Brands Inc.	PEN	D695829
Staples Brands Inc.	PEN	D694824
Staples Brands Inc.	PEN	D694330
Staples Brands Inc.	PEN	D694329
Staples Brands Inc.	PEN	D685850
Staples Brands Inc.	PEN	D685849
Staples Brands Inc.	RIBBON TAPE DISPENSER	D677332
Staples Brands Inc.	RIBBON STAPLER	D676729
Staples Brands Inc.	CLIPBOARD	D674018
Staples Brands Inc.	HOLE PUNCH	D669936
Staples Brands Inc.	BINDER	D666673
Staples Brands Inc.	BINDER	D666242
Staples Brands Inc.	PAPER SHREDDER	D660907
Staples Brands Inc.	MEDIA SHREDDER	D660345
Staples Brands Inc.	HOLE PUNCH	D658716
Staples Brands Inc.	CLIPBOARD	D656546
Staples Brands Inc.	BINDER	D656188
Staples Brands Inc.	EXPANDABLE FILE	D651239
Staples Brands Inc.	GRIP FOR WRITING INSTRUMENT	D619170
Staples Brands Inc.	WRITING INSTRUMENT	D619169
Staples Brands Inc.	PAPER SHREDDER	D618275
Staples Brands Inc.	PAPER SHREDDER	D616490
Staples Brands Inc.	PAPER SHREDDER	D614690
Staples Brands Inc.	SHREDDER	D611088
Staples Brands Inc.	TAB DIVIDER	D608391
Staples Brands Inc.	TAB DIVIDER	D608390
Staples Brands Inc.	STAPLER	D605483
Staples Brands Inc.	PAPER SHREDDER	D602983
Staples Brands Inc.	PAPER SHREDDER	D602982
Staples Brands Inc.	TAB DIVIDER	D602524

-

Staples the Office Superstore LLC is the registered owner of the patents listed in this chart. The Company will file necessary documentation with the USPTO to update public records to reflect that such patents are owned by Staples Brands Inc.

Registered owner/		
Grantor ¹	Patent Title	Patent No. or Application No.
Staples Brands Inc.	CLIPBOARD	D602090
Staples Brands Inc.	CLIPBOARD	D601631
Staples Brands Inc.	ADJUSTABLE TAB	D601624
	DIVIDER	
Staples Brands Inc.	STAPLER	D599636
Staples Brands Inc.	STAPLER	D597390
Staples Brands Inc.	PANEL DISPLAY	D591794
Staples Brands Inc.	SHREDDER	D587297
Staples Brands Inc.	SHREDDER	D586846
Staples Brands Inc.	PACKAGE	D578875
Staples Brands Inc.	PEN	D576675
Staples Brands Inc.	BINDER	D576673
Staples Brands Inc.	STAPLER	D570170
Staples Brands Inc.	CRATE	D569619
Staples Brands Inc.	DESK STORAGE	D566771
•	CONTAINER	
Staples Brands Inc.	PEN	D566764
Staples Brands Inc.	POP UP DISPENSER	D566190
Staples Brands Inc.	SPINE LABEL	D565099
Staples Brands Inc.	HOLE PUNCH	D564594
Staples Brands Inc.	HOLE PUNCH	D564593
Staples Brands Inc.	HOLDER	D562907
Staples Brands Inc.	CALCULATOR	D559891
Staples Brands Inc.	SHREDDER	D556250
Staples Brands Inc.	FILE FOLDER DISPLAY	D555725
-	WINDOW	
Staples Brands Inc.	COMPACT DISC HOLDER	D555391
Staples Brands Inc.	DISC DIVIDER	D555390
Staples Brands Inc.	PEN	D549778
Staples Brands Inc.	PEN	D549775
Staples Brands Inc.	SURGE PROTECTOR	D549655
Staples Brands Inc.	SURGE PROTECTOR	D549654
Staples Brands Inc.	SURGE PROTECTOR	D549653
Staples Brands Inc.	CRATE	D549455
Staples Brands Inc.	SURGE PROTECTOR	D549176
Staples Brands Inc.	SHREDDER DEVICE	D547366
Staples Brands Inc.	SHREDDER DEVICE	D546872
Staples Brands Inc.	PENCIL SHARPENER	D545372
Staples Brands Inc.	PENCIL SHARPENER	D545371
Staples Brands Inc.	PENCIL SHARPENER	D545370
Staples Brands Inc.	PAPER PUNCH	D542848
Staples Brands Inc.	PUNCH DEVICE	D541867
Staples Brands Inc.	TAPE DISPENSER	D541866

Registered owner/		
Grantor ¹	Patent Title	Patent No. or Application No.
Staples Brands Inc.	TAPE DISPENSER	D541865
Staples Brands Inc.	GRIP FOR A WRITING	D537880
	UTENSIL	
Staples Brands Inc.	STAPLER BASE	D537689
Staples Brands Inc.	STAPLER HAND PORTION	D537688
Staples Brands Inc.	HAND BUTTON	D537480
Staples Brands Inc.	PACKAGE	D535554
Staples Brands Inc.	MARKER HANDLE AND	D534211
	CAP	
Staples Brands Inc.	STAPLER	D531471
Staples Brands Inc.	DESK ORGANIZER	D531225
Staples Brands Inc.	STAPLER	D530999
Staples Brands Inc.	WRITING UTENSIL CAP	D530748
Staples Brands Inc.	COMPUTER	D529495
	PERIPHERAL HOUSING	
Staples Brands Inc.	LABEL AREA OF FLASH	D524814
1	MEMORY DRIVE	
Staples Brands Inc.	FLASH MEMORY DRIVE	D524811
Staples Brands Inc.	COMPUTER PERIPHERAL	D524310
Supres Dianas inc.	DEVICE	
Staples Brands Inc.	CABLE HEAD	D520459
Stupies Braites inc.	CONNECTOR	
Staples Brands Inc.	PACKAGE	D517909
Staples Brands Inc.	PACKAGE	D517908
Staples Brands Inc.	PALM STAPLER	D516397
Staples Brands Inc.	PALM STAPLER	D514907
Staples Brands Inc.	ANTI-JAMMING	9561509
	ASSEMBLY FOR	
	SHREDDERS OF SHEET	
	LIKE MATERIAL	
Staples Brands Inc.	BINDING MACHINE	9539846
Staples Brands Inc.	SHREDDER WITH MEDIA	9440238
Stupies Branes inc.	DETECTOR	3110230
Staples Brands Inc.	BINDER WITH	9044993
	REMOVABLE ARTICLE	
	HOLDER	
Staples Brands Inc.	BINDING MACHINE	9044988
Staples Brands Inc.	OVERLOAD FAULT	8777138
	CONDITION DETECTION	
	SYSTEM FOR ARTICLE	
Staples Brands Inc.	ANTI-JAMMING	8505841
	ASSEMBLY FOR	

Registered owner/		
Grantor ¹	Patent Title	Patent No. or Application No.
	SHREDDERS OF SHEET	
	LIKE MATERIAL	
Staples Brands Inc.	HOLE PUNCH	8347770
Staples Brands Inc.	DEVICE FOR	8234759
	RELEASABLY SECURING	
	TO A SUPPORT SURFACE	
Staples Brands Inc.	METHODS AND	8150943
	APPARATUS FOR	
	DYNAMICALLY	
	GENERATING WEB	
	PAGES	
Staples Brands Inc.	ADJUSTABLE TAB	7731442
•	DIVIDER	
Staples Brands Inc.	BINDER	7717639
Staples Brands Inc.	HOLE PUNCH	7610838
Staples Brands Inc.	RING BINDER	7527449
-	MECHANISM	
Staples Brands Inc.	RING BINDER	7524127
1	MECHANISM	
Staples Brands Inc.	MOLDED BINDER	7399136
Staples Brands Inc.	METHOD AND SYSTEM	7346563
	FOR FACILITATING	
	COMMERCE VIA A	
	COMMUNICATIONS	
	NETWORK	
Staples Brands Inc.	METHOD, APPARATUS,	7240026
	AND COMPUTER-	
	READABLE MEDIUM FOR	
	INTEGRATING ONLINE	
	AND OFFLINE	
	COMMERCE	
Staples Brands Inc.	BINDER	13/438,044
Staples Brands Inc.	NOTEBOOK POCKET	29/523,263
Staples Brands Inc.	NOTEBOOK SPINE	29/446,844
	OPENING	
Staples Brands Inc.	OVERLOAD FAULT	14/331,186
	CONDITION DETECTION	
	SYSTEM FOR ARTICLE	
	DESTRUCTION DEVICE	

RECORDED: 09/13/2017