

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4120300

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
INTELLECTUAL VENTURES ASSETS 8 LLC	03/04/2016
RECEIVING PARTY DATA	
Name:	DROPBOX, INC.
Street Address:	333 BRANNAN STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94107
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09533340
CORRESPONDENCE DATA	
Fax Number:	(650)938-5200
<i>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.</i>	
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Email:	CMEDINA@FENWICK.COM
Correspondent Name:	DANIEL R. BROWNSTONE
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Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94041
ATTORNEY DOCKET NUMBER:	26253-33936/US
NAME OF SUBMITTER:	DANIEL R. BROWNSTONE REG. 46,581
SIGNATURE:	/Daniel R. Brownstone/
DATE SIGNED:	10/31/2016
Total Attachments: 6	
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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 8 LLC, a Delaware limited liability company, with an address at 2711 Centerville Rd, Suite 400, Wilmington, DE 19808 ("*Assignor*"), does hereby sell, assign, transfer, and convey unto Dropbox Inc., a Delaware company with an office at 185 Berry Street, Suite 400, San Francisco CA 94107 ("*Assignee*"), all of Assignor's right, title, and interest in and to the following (collectively, the "*Assigned Patent Rights*");

(a) the patents and patent applications listed in the table below (the "*Patents*");

Patent or application no.	Country	Grant Date (Filing Date)	Title of Patent and Inventors
6098079 (09/054330)	US	8/1/2000 (4/2/1998)	FILE VERSION RECONCILIATION USING HASH CODES John H. Howard
6105027 (09/034587)	US	8/15/2000 (3/4/1998)	Techniques for eliminating redundant access checking by access filters Schneider, David S.; Lipstone, Laurence R.; Jensen, Daniel; Ribet, Michael B.
6178505 (09/034576)	US	1/23/2001 (3/4/1998)	Secure Delivery of Information in a Network David S. Schneider; Laurence B. Lipstone; Daniel Jensen; Michael B. Ribet
6408336 (09/034507)	US	6/18/2002 (3/4/1998)	Distributed Administration of Access to Information David S. Schneider; Michael B. Ribet; Laurence R. Lipstone; Daniel Jensen
6785728 (09/533340)	US	8/31/2004 (3/23/2000)	Distributed Administration of Access to Information David S. Schneider; Michael B. Ribet; Laurence R. Lipstone; Daniel Jensen
11/513427	US	8/31/2006	Distributed administration of access to information and interface for same David S. Schneider; Michael B. Ribet; Laurence R. Lipstone; Daniel Jensen

(b) any future reissues, reexaminations, extensions, continuations, continuing prosecution application, requests for continuing examinations, divisions, and registrations of any of the Patents;

(c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Patents; and

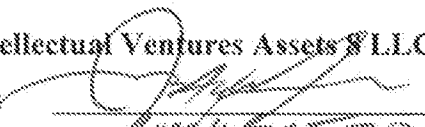
(d) causes of action and enforcement rights of any kind under, or on account of, any of the Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current and future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein. This Assignment of Patent Rights will inure for the benefit of any permitted successors or assigns of Assignee.

Assignor will, at the reasonable request of Assignee, take all reasonable steps necessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this Assignment of Patent Rights, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights

IN WITNESS WHEREOF this Assignment of Patent Rights is executed
on March 4, 2016.

Intellectual Ventures Assets LLC:

By: 

Name: J. M. WESTFORD

Title: AUTHORIZED PERSON

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 9 LLC, a Delaware limited liability company, with an address at 2711 Centerville Rd, Suite 400, Wilmington, DE 19808 ("*Assignor*"), does hereby sell, assign, transfer, and convey unto Dropbox Inc., a Delaware company with an office at 185 Berry Street, Suite 400, San Francisco CA 94107 ("*Assignee*"), all of Assignor's right, title, and interest in and to the following (collectively, the "*Assigned Patent Rights*"):

- (a) the patents and patent applications listed in the table below (the "*Patents*");

Patent or application no.	Country	Grant Date (Filing Date)	Title of Patent and Inventors
6058399 (08/919862)	US	5/2/2000 (8/28/1997)	Guy Morag; Leonid Entin; Yoav Samet; Yoni Rosenbaum

- (b) any future reissues, reexaminations, extensions, continuations, continuing prosecution application, requests for continuing examinations, divisions, and registrations of any of the Patents;

- (c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Patents; and

- (d) causes of action and enforcement rights of any kind under, or on account of, any of the Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current and future infringement.

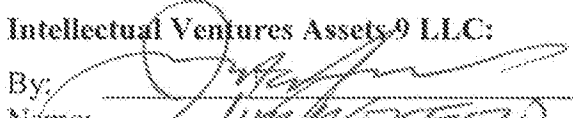
Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein. This Assignment of Patent Rights will inure for the benefit of any permitted successors or assigns of Assignee.

Assignor will, at the reasonable request of Assignee, take all reasonable steps necessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this Assignment of Patent Rights, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights

[Signature Page Follows]

IN WITNESS WHEREOF this Assignment of Patent Rights is executed
on March 4, 2016.

Intellectual Ventures Assets 9 LLC:

By: 

Name: UNIDENTIFIED

Title: AUTHORIZED PERSON

ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 8 LLC, a Delaware limited liability company, with an address at 2711 Centerville Rd, Suite 400, Wilmington, DE 19808 ("*Assignor*"), does hereby sell, assign, transfer, and convey unto Dropbox Inc., a Delaware company with an office at 185 Berry Street, Suite 400, San Francisco CA 94107 ("*Assignee*"), its right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "*Certain Assets*");

Patent or application no.	Country	Grant Date (Filing Date)	Title of Patent and Inventors
EP98120749.1	EP	11/2/1998	File version reconciliation using hash codes HOWARD JOHN H
JP11-013070	JP	1/21/1999	A METHOD OF RECONCILING DIFFERENT DATA FILE STORAGE SITES, AND A SYSTEM INCLUDING DATA STORAGE SITES AND A SET OF JOURNAL FILES ASSOCIATED THEREWITH JOHN H HOWARD
09/263313	US	3/5/1999	REMOTE FILE VERSION RECONCILIATION USING HASH CODES Inventorship not available
JP3450786 (JP2000-056344)	JP	7/11/2003 (3/1/2000)	REMOTE FILE VERSION RECONCILIATION USING HASH CODES HOWARD JOHN H
EP00104717.4	EP	3/3/2000	REMOTE FILE VERSION RECONCILIATION USING HASH CODES HOWARD JOHN H
60/039542	US	3/10/1997	DISTRIBUTED NETWORK SECURITY David Schneider; Michael Ribet
60/040262	US	3/10/1997	SECURE ELECTRONIC NETWORK DELIVERY David Schneider; Laurence R. Lipstone; Daniel Jensen
09/034503	US	3/4/1998	USER INTERFACE FOR ACCESSING INFORMATION RESOURCES David Schneider
AU733109 (AU199864527)	AU	5/10/2001 (3/9/1998)	Methods and apparatus for controlling access to information LIPSTONE LAURENCE R; JENSEN DANIEL; RIBET MICHAEL B; SCHNEIDER DAVID S
EP98910236.3	EP	3/9/1998	METHODS AND APPARATUS FOR CONTROLLING ACCESS TO INFORMATION RIBET MICHAEL B; JENSEN DANIEL; SCHNEIDER DAVID S;

			LIPSTONE LAURENCE R
PCT/US1998/004522	WO	3/9/1998	METHODS AND APPARATUS FOR CONTROLLING ACCESS TO INFORMATION LIPSTONE LAURENCE R; RIBET MICHAEL B; JENSEN DANIEL; SCHNEIDER DAVID S

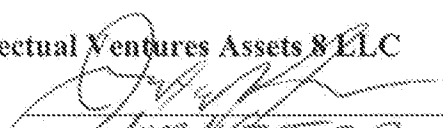
Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 4 day of March 2016.

ASSIGNOR:

Intellectual Ventures Assets 8 ELC

By: 

Name: Jim Weisfeld

Title: Authorized Person

ASSIGNEE:

Dropbox, Inc.:

By: _____

Name: _____

Title: _____