

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6383214

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the TYPOGRAPHICAL ERROR OF DROPBOX, INC. AS RECEIVING PARTY DATA previously recorded on Reel 052701 Frame 0411. Assignor(s) hereby confirms the RECEIVING PARTY DATA SHOULD BE ORACLE INTERNATIONAL CORPORATION REQUEST 1-78155159.

**CONVEYING PARTY DATA**

Name	Execution Date
TOMAS KARNAGEL	05/18/2020
ONUR KOGBERBER	05/18/2020
FARHAN TAUHEED	05/19/2020
NIPUN AGARWAL	05/18/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	Oracle International Corporation
<b>Street Address:</b>	500 Oracle Parkway, Mail Stop 5OP7
<b>City:</b>	Redwood Shores
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94065

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16877882

**CORRESPONDENCE DATA**

**Fax Number:** (408)414-1076  
*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:** 408/414-1080  
**Email:** DSakamoto@h35g.com  
**Correspondent Name:** HICKMAN PALERMO BECKER LLP  
**Address Line 1:** 1 ALMADEN BOULEVARD, FLOOR 12  
**Address Line 4:** SAN JOSE, CALIFORNIA 95113

<b>ATTORNEY DOCKET NUMBER:</b>	50277-5653
<b>NAME OF SUBMITTER:</b>	DANIEL D. LEDESMA
<b>SIGNATURE:</b>	/DanielDLedesma#57181/
<b>DATE SIGNED:</b>	11/03/2020

**Total Attachments: 10**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6113321

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOMAS KARNAGEL	05/18/2020
ONUR KOGBERBER	05/18/2020
FARHAN TAUHEED	05/19/2020
NIPUN AGARWAL	05/18/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DROPBOX, INC.
<b>Street Address:</b>	1800 OWENS STREET, SUITE 200
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94158
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16877882
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)414-1076
<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>	
<b>Phone:</b>	408/414-1080
<b>Email:</b>	DSakamoto@h35g.com
<b>Correspondent Name:</b>	HICKMAN PALERMO BECKER BINGHAM LLP
<b>Address Line 1:</b>	1 ALMADEN BOULEVARD, FLOOR 12
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95113
<b>ATTORNEY DOCKET NUMBER:</b>	50277-5653
<b>NAME OF SUBMITTER:</b>	DANIEL D. LEDESMA
<b>SIGNATURE:</b>	/DanielDLedesma#57181/
<b>DATE SIGNED:</b>	05/19/2020
<b>Total Attachments: 5</b>	
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**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 20, 2020

PTAS

HICKMAN PALERMO BECKER BINGHAM LLP  
1 ALMADEN BOULEVARD, FLOOR 12  
SAN JOSE, CA 95113

**506066606**

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 05/19/2020

REEL/FRAME: 052701/0411

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 50277-5653

ASSIGNOR:

KARNAGEL, TOMAS

DOC DATE: 05/18/2020

ASSIGNOR:

KOCBERBER, ONUR

DOC DATE: 05/18/2020

ASSIGNOR:

TAUHEED, FARHAN

DOC DATE: 05/19/2020

ASSIGNOR:

AGARWAL, NIPUN

DOC DATE: 05/18/2020

ASSIGNEE:

DROPSON, INC.

~~1600 OWENS STREET, SUITE 200  
SAN FRANCISCO CALIFORNIA 94150~~

APPLICATION NUMBER: 16877882

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: ESTIMATING NUMBER OF DISTINCT VALUES IN A DATA SET USING MACHINE LEARNING

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

October 19, 2020

PTAS

HICKMAN PALERMO BECKER LLP  
1 ALMADEN BOULEVARD, FLOOR 12  
SAN JOSE, CA 95113



506166263

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To file the resubmission electronically, navigate to the EPAS website at <http://epas.uspto.gov>, click the Start Resubmission button and enter the following information:

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**Access Code: QH7JKF3G10L44QW**

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MAURICE CARTER  
ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

July 22, 2020

PTAS

HICKMAN PALERMO BECKER LLP  
1 ALMADEN BOULEVARD, FLOOR 12  
SAN JOSE, CA 95113



506069226

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Notice of Non-Recordation of an Assignment Document

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Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Tuesday, September 22, 2020**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

To file the resubmission electronically, navigate to the EPAS website at <http://epas.uspto.gov>, click the Start Resubmission button and enter the following information:

**Document ID: 506069226**  
**Access Code: O8LM0F231V0CIH7**

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LAZENA MARTIN  
ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Tomas Karnagel of Zurich, SWITZERLAND; Onur Kocberber of Baden-Daettwil, SWITZERLAND; Farhan Tauheed of Zurich, SWITZERLAND and Nipun Agarwal of Saratoga, CA USA;

(hereinafter referred to as ASSIGNORS), have made a discovery and/or invention entitled:

ESTIMATING NUMBER OF DISTINCT VALUES IN A DATA SET USING MACHINE LEARNING

- for which application for Letters Patent of the United States has been executed on even date herewith,
- for which application for Letters Patent of the United States has been filed on \_\_\_\_\_, under Application No. \_\_\_\_\_, and

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE in accordance with the terms of this instrument.

Oracle Matter No.  
ORA200466-US-NP

10-1-03



I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

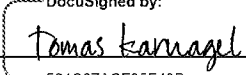
AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE communicate to the ASSIGNEE as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, continuation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will, at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

**Inventors: Please Sign and Date Below:**

(1)  
Tomas Karnagel  
\_\_\_\_\_  
Name

May 18, 2020  
\_\_\_\_\_  
Date

DocuSigned by:  
/  /  
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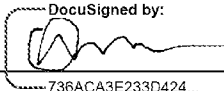
(2)

Onur Kocerber

Name

May 18, 2020

Date

/  /

(3)  
Farhan Tauheed

Name

May 19, 2020

Date

DocuSigned by:

*Farhan Tauheed*

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(4)  
Nipun Agarwal

\_\_\_\_\_  
Name

May 18, 2020

\_\_\_\_\_  
Date

DocuSigned by:

/ *Nipun Agarwal* /

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Oracle Matter No.  
ORA200466-US-NP

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10-1-03