

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
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	SARAH KATE SCHIEFERSTEIN	05/17/2023
	MAX GUTHMANN	05/17/2023
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Property Type	Number	
Application Number:	18321906	
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DATE SIGNED:	06/13/2023	

Total Attachments: 2

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Application No.: 18/321,906
Filing Date: May 23, 2023
Patent No.: _____
Issue Date: _____

ASSIGNMENT

WHEREAS, the undersigned inventor, hereinafter called the "Assignor", has invented one or more useful inventions entitled:

**PROCESSING LEFT JOIN OPERATIONS VIA A DATABASE SYSTEM BASED ON
FORWARDING INPUT**

for which reference a full description is here made in a provisional, design or utility application for Letters Patent in the patent office of the United States, in the patent office of any other jurisdiction(s) and/or under International Convention (e.g., PCT) filed herewith or that was filed with the United States Patent and Trademark Office, in the patent office of any other jurisdiction(s) and/or under an International Convention on May 23, 2023. The Assignor believes himself/herself to be an original inventor of the invention(s) disclosed and claimed in the application for Letters Patent.

WHEREAS, the entity identified immediately below having a principal office and place of business as identified, hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention(s), the application(s) above identified, and in, to and under any and all Letters Patent which may be obtained for said invention(s), as hereinafter more fully set forth;

Ocient Holdings LLC
100 North Riverside Plaza, Suite 800
Chicago, IL 60606
United States of America

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention(s) and the application(s) herein above identified, any and all provisional patent applications from which the application(s) claims benefit or priority, any and all design or utility applications that claim benefit or priority therefrom, and any and all Letters Patents that may issue for the said invention(s) in any jurisdiction, including all divisionals, reissues, reexaminations, substitutions, continuations, renewals and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention(s) may issue including all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, misappropriation, violation, breach, or default, and all other rights, privileges, and protections of any kind whatsoever of Assignor accruing under any of the foregoing provided by any applicable law, treaty, or other international convention throughout the world.

FURTHER, be it known that the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire international rights to the invention(s) disclosed in said application(s), in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention. Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection with any and all United States and international patent applications identified herein or related to such identified patent applications in respective prosecution thereof and/or to perfect such patent rights.

And the Assignor does hereby covenant and agree, for himself/herself and his/her legal representatives, that he/she will assist the Assignee in the prosecution of the application(s) herein

identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention(s) herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for patent rights in any jurisdiction, including any proceeding in the United States Patent and Trademark Office affecting the invention(s), investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention(s), or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this Assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention(s), and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention(s) in all countries.

The United States Patent and Trademark Office is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignor has hereunto set his/her hand on the date indicated below. The undersigned hereby authorizes and requests the attorneys and/or agents of record in the application above identified, and in, to and under any and all Letters Patent which may be obtained for said invention(s), to insert in this assignment the filing date and serial number of said application(s) (and/or issue date and patent number of said corresponding Letters Patent) when officially known, if applicable.

Signature of Inventor: / Sam Bove / Date: 06/07/2023
Samuel Peter Bove

Signature of Inventor: / J Arnold / Date: 05/16/2023
Jason Arnold

Signature of Inventor: / Susmita Saha / Date: 05/18/2023
Susmita Saha

Signature of Inventor: / Sarah Schieferstein / Date: 05/17/2023
Sarah Kate Schieferstein

Signature of Inventor: / Max Guthmann / Date: 05/17/2023
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Signature of Inventor: / Ellis Mihalco Saupe / Date: 05/17/2023
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Signature of Inventor: / Greg R. Dhuse / Date: 05/16/2023
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