PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7863594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NEERAJ KUMAR SINGH	01/05/2023
RAJSEKHAR DAS	01/04/2023

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country: WASHINGTON		
Postal Code: 98052		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17844624

CORRESPONDENCE DATA

Fax Number: (888)785-1482

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.

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Correspondent Name: NEWPORT IP, LLC

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ATTORNEY DOCKET NUMBER:	MS1-9715US
NAME OF SUBMITTER:	LINDSEY HARTZEL
SIGNATURE:	/Lindsey Hartzel/
DATE SIGNED:	03/23/2023

Total Attachments: 4

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PATENT 507816462

REEL: 063081 FRAME: 0827

PATENT ASSIGNMENT

Client Docket No.: 411663-US-NP Attorney Docket No.: MS1-9715US

		al inventor or an original joint
inventor of subject matter	("INVENTION") disclosed a	and/or claimed in a patent
application entitled "FILE SYST	<u>EM METADATA LAYOUT F</u>	OR APPEND-ONLY STORAGE",
which:		
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on the following Of	ASSIGNOR hereby auth representative, Microsoft of Way, Redmond, Washing TATIVES), to insert here and given Application fice "US – United States ICATION's Application No.,	Technology Licensing, pton 98052 (ASSIGNEE'S in parentheses (filed No by Patent and Trademark
No. <u>17844624</u> <u>Patent and Trade</u> Microsoft Technology Li	censing, LLC, a Washingto	fice " <u>US – United States</u> n limited liability company, on
behalf of itself and its successor		
of acquiring, the entire and e		
priority, in the INVENTION and		• •
derived therefrom, such as co	• • • • • • • • • • • • • • • • • • • •	• •
United States, its territories, ar	id all foreign countries (Ar	PLICATION DERIVATIVES)),
ASSICNOR hereby autho	rizes and requests ASSICN	NEE'S LEGAL REPRESENTATIVES
to insert the Application No.,	•	
APPLICATION DERIVATIVES after	_	is the following tuble for any
Application No.	Filing Date	Office
	3	

Page 1 of 2

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Neeraj Kumar SINGH

Printed Name in English

O1/05/2023

Date

Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Client Docket No.: 411663-US-NP Attorney Docket No.: MS1-9715US

I <u>Rajsekhar DAS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>FILE SYSTEM METADATA LAYOUT FOR APPEND-ONLY STORAGE</u>", which:

	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
	on and given Application No by
	the following Office "US - United States Patent and Trademark
	Office"; this APPLICATION's Application No., filing date, and Office,
	when known;
\boxtimes	was filed on <u>June 20, 2022</u> and was given Application
	No. <u>17844624</u> by the following Office " <u>US – United States</u>
	Patent and Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

Page 1 of 2

Chent Docket No.: 411663-US-NP Attorney Docket No.: MS1-9715US

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Rajsekhar DAS

Printed Name in English

Date 7

Printed Name in Native Language (if other than English)

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PATENT REEL: 063081 FRAME: 0831