PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6039519

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNGHO YOO	03/13/2020
JI HOON JANG	03/12/2020
SEYEONG BAE	03/30/2020
YONG SIK KWON	03/12/2020
HYEONG SEOG KIM	03/19/2020

RECEIVING PARTY DATA

Name:	SAP SE
Street Address:	DIETMAR-HOPP-ALLEE 16
City:	WALLDORF
State/Country:	GERMANY
Postal Code:	69190

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16835549

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (214) 747-5070 APSI@fr.com Email:

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	22135-1499001
NAME OF SUBMITTER:	CANDICE R. ROCKETT
SIGNATURE:	/Candice R. Rockett/
DATE SIGNED:	03/31/2020

Total Attachments: 5

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PATENT REEL: 052271 FRAME: 0417

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ASSIGNMENT

For valuable consideration, I, Seungho Yoo,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

Memory allocation and deallocation mechanism to reduce fragmentation and enhance defragmentation performance

which is found in the:

US patent application filed on: March 31, 2020

under Application No. 16/835,549

I authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known. This assignment includes the foregoing patent application or patent, as well as continuations and divisionals of said application, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements. I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment. I hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment. I further agree for myself and my heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to me and to testify as to the same in any interference, litigation, or proceeding relating thereto; and I agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature:	Sungho 400 7D19D13F8F7845C	3/13/2020
	Seungho Yoo	

ASSIGNMENT

For valuable consideration, I, Ji Hoon Jang,

hereby assign to

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Inventor's Signature:	Ji Jang AC72F0394C174BF	3/12/2020
	Ji Hoon Jang	

ASSIGNMENT

For valuable consideration, I, Seyeong Bae,

hereby assign to

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Sylving Bar 84D8DA1B672648D	3/30/202
Seyeong Bae	
	84DeDA1B672648D

ASSIGNMENT

For valuable consideration, I, Yong Sik Kwon,

hereby assign to

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Inventor's Signature:	6B45AC3BC2B344C	3/12/2020
	Yong Sik Kwon	

ASSIGNMENT

For valuable consideration, I, Hyeong Seog Kim,

hereby assign to

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Inventor's Signature:

Hyeong Seog Kim

3/19/2020

PATENT REEL: 052271 FRAME: 0423

RECORDED: 03/31/2020