Form PTO-1595 (Rev. 03/01)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002) 12-13-	2002 U.S. Faterit and Trademark Office
Tab settings → → → → → → → → →	
To the Honorable Commissioner of 102310	- -
Name of conveying party(ies):	Name and address of receiving party(ies)
David ZARESKI Peter SEGAL	Name: BENTLEY SYSTEMS, INC.
	Internal Address:
Additional name of conveying party(ies) attached? Yes No	Internal Address.
3. Nature of conveyance:	Street Address: 685 Stockton Drive
	Street Address. dob Stockton Drive
☐ Security Agreement ☐ Change of Name	City: Exton State/Country: PA
☐ Other	Zip: 19341
Execution Date: December 9, 2002	
	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
A. Patent Application No.(s) 2002 HLE333 00000063 10314271 8021 40.00 0P Additional numbers atta	B. Patent No.(s) ached? ☐ Yes ☐ No
	6. Total number of applications and patents involved: 1
Name and address of party to whom correspondence concerning this document should be mailed:	
 	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
26694	☑ Enclosed
PATENT TRADEMARK OFFICE	Authorized to be charged to deposit account
Name: Venable	8. Deposit account number:
Address: P.O. Box 34385	
City: Washington State: D.C. Zip: 20043-9998	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Interpretation Interpretatio	
	Signature Date
Total number of pages including of	cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

REEL: 013560 FRAME: 0765

Attv. Docket No. 36488-183754

WORLDWIDE ASSIGNMENT

WHEREAS <u>David Zareski and Peter Segal</u>, hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to <u>PARTICLE TRACING WITH ON-DEMAND MESHING</u>, which said assignor has caused an application for United States Letters Patent to be prepared,

	the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Putent and Trademark Office.
[]	said application having been filed in the United States Patent and Trademark Office on

WHEREAS <u>BENTLEY SYSTEMS</u>, <u>INC.</u>, <u>685 Stockton Drive</u>, <u>Exton</u>, <u>Pennsylvania</u> <u>19341</u>, hereinafter referred to as the assignce, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, and any patents which may be granted therefor, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application and all patents which may be granted therefor, and all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is concerned, to the Assignee, 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 or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce proper patent protection for said invention.

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PATENT REEL: 013560 FRAME: 0766

WORLDWIDE ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT -2-

Attorney Docket 36488-183754

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

ASSIGNOR:

EXECUTED this __

Signature:

Name: David ZARESK)

WITNESS:

Signature:

ASSIGNOR:

Signature:

Name: Peter SEGAL

WITNESS:

Signature:

Name:

Venable, Bactjer and Howard, LLP

RECORDED: 12/09/2002

416190v1

PATENT REEL: 013560 FRAME: 0767