



UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment abstract of title for Application 12439421

Invention title/Inventor	Patent	Publication	Application	PCT	International registration
USN MIDDLEWARE APPARATUS AND METHOD FOR GENERATING INFORMATION BASED ON DATA FROM HETEROGENEOUS SENSOR NETWORKS AND INFORMATION SERVICE PROVIDING SYSTEM USING THE SAME	8040232 Oct 18, 2011	20100007483 Jan 14, 2010	12439421 Feb 27, 2009		
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Assignments (2 of 2 total)

Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
065842/0235	Nov 20, 2023	Dec 08, 2023	10	4

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 1

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ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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