

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI626146

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Request for Assignee Address Change
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mapsted Corp.	11/12/2024
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Mapsted Corp.
<b>Street Address:</b>	Suite 209, 2030 Bristol Cir.
<b>City:</b>	Oakville
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	L6H 0H2
<b>PROPERTY NUMBERS Total: 79</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9906914
Patent Number:	9838850
Patent Number:	10003928
Patent Number:	10075935
Patent Number:	10070270
Patent Number:	10257658
Patent Number:	10165407
Patent Number:	10145701
Patent Number:	10145689
Patent Number:	10123195
Patent Number:	10206066
Patent Number:	10249116
Patent Number:	10156447
Patent Number:	10573273
Patent Number:	10352708
Patent Number:	10365111
Patent Number:	10423926
Patent Number:	10165543
Patent Number:	10634816
Patent Number:	10349377

Property Type	Number
Patent Number:	10735897
Patent Number:	10349221
Patent Number:	10670728
Patent Number:	10345452
Patent Number:	10816343
Patent Number:	10820149
Patent Number:	10587988
Patent Number:	10634505
Patent Number:	10425773
Patent Number:	10422854
Patent Number:	10671921
Patent Number:	10655971
Patent Number:	10716089
Patent Number:	10641610
Patent Number:	11428533
Patent Number:	11473915
Patent Number:	11402233
Patent Number:	11512961
Patent Number:	10823573
Patent Number:	11435189
Patent Number:	10820170
Patent Number:	11525686
Patent Number:	10837784
Patent Number:	10893389
Patent Number:	10890450
Patent Number:	11218839
Patent Number:	11356801
Patent Number:	12106014
Patent Number:	11700504
Patent Number:	9961508
Patent Number:	10165422
Patent Number:	10171966
Patent Number:	10197398
Patent Number:	10206067
Patent Number:	10247564
Patent Number:	10274323
Patent Number:	10422646
Patent Number:	10356557

Property Type	Number
Patent Number:	10573105
Patent Number:	10425772
Patent Number:	11049069
Patent Number:	11175144
Patent Number:	11871292
Application Number:	15713370
Application Number:	15888077
Application Number:	15983159
Application Number:	16113044
Application Number:	16136586
Application Number:	16224108
Application Number:	16587392
Application Number:	17134224
Application Number:	17590794
Application Number:	17680693
Application Number:	17727027
Application Number:	17728018
Application Number:	17867923
Application Number:	16045949
Application Number:	16121264
Application Number:	16174771

#### CORRESPONDENCE DATA

**Fax Number:**

*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:** 6479513066

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**Address Line 4:** Oakville, CANADA L6H 0H2

<b>NAME OF SUBMITTER:</b>	Paramvir Nagpal
<b>SIGNATURE:</b>	Paramvir Nagpal
<b>DATE SIGNED:</b>	11/12/2024

#### Total Attachments: 5

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IN THE UNITED STATES PATENT OFFICE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Change of Address of Applicant/Patentee**

The Commissioner of Patents

We are requesting to update the address of Applicant/Patentee, Mapsted Corp., for the matters listed in Appendix I as below:

**Old Address:** 200, 200 Matheson Blvd W,  
Mississauga, L5R 3L7, Ontario, Canada

**New Address:** Suite 209, 2030 Bristol Cir.,  
Oakville, L6H 0H2, Ontario, Canada

Please record the change against the patent and patent applications in Appendix I and kindly forward confirmation of recordal of change.

Respectfully submitted,

Respectfully submitted,

Date: 12/November/2024



Paramvir Singh Nagpal  
Chief Executive Officer, Mapsted Corp.  
Tel. 647-951-3066

**APPENDIX I****Patents**

S.No.	Patent No.	Title
1	9,906,914	SCALABLE INDOOR NAVIGATION AND POSITIONING SYSTEMS AND METHODS
2	9,838,850	SYSTEMS AND METHODS FOR DETERMINING INDOOR LOCATION AND FLOOR OF A MOBILE DEVICE
3	10,003,928	CROWD-SOURCED PASSIVE POSITIONING AND CALIBRATION
4	10,075,935	METHOD AND SYSTEM FOR POSITIONING STATE TRANSITION
5	10,070,270	MOBILE DEVICE LOCALIZATION BASED ON SPATIAL DERIVATIVE MAGNETIC FINGERPRINT
6	10,257,658	SELF-LEARNING LOCALIZATION DATA REPOSITORY
7	10,165,407	MAGNETIC LANDMARK METHOD AND SYSTEM FOR DETECTING IN-BUILDING (LOCAL VENUE) THRESHOLD
8	10,145,701	METHOD AND SYSTEM FOR CROWD- SOURCED NAVIGATION PROFILE OPTIONS
9	10,145,689	METHOD AND SYSTEM OF PEDESTRIAN LOCALIZATION
10	10,123,195	METHOD AND SYSTEM OF CROWD- SOURCED PEDESTRIAN LOCALIZATION
11	10,206,066	METHOD AND SYSTEM FOR SERVER BASED MOBILE DEVICE MONITORING IN CROWD-SOURCED PEDESTRIAN LOCALIZATION
12	10,249,116	METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION-BASED ACCESS
13	10,156,447	METHOD AND SYSTEM FOR CREDENTIAL- BASED PEDESTRIAN ROUTING
14	10573273	METHOD AND SYSTEM FOR DEVICE PLACEMENT BASED OPTIMIZATION TECHNIQUES
15	10352708	METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION USING BAROMETRIC FINGERPRINT
16	10365111	METHOD AND SYSTEM FOR CROWD- SOURCED BAROMETRIC FINGERPRINT DATA REPOSITORY
17	10423926	METHOD AND SYSTEM FOR LOCALIZING TRACKING DEVICES
18	10,165,543	METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION IN EXTREME AMBIENT CONDITIONS
19	10634816	METHOD AND SYSTEM FOR MANAGING MOBILE DEVICES IN EXTREME AMBIENT CONDITIONS

20	10349377	METHOD AND SYSTEM FOR EMBEDDED DEVICE LOCALIZATION-BASED PROGRESSIVE INDICATORS
21	10735897	METHOD AND SYSTEM FOR EMBEDDED DEVICE LOCALIZATION-BASED FAULT INDICATION
22	10349221	METHOD AND SYSTEM FOR MOBILE DEVICE PROCESSING TIMEOUT BASED LOCALIZATION
23	10670728	METHOD AND SYSTEM FOR CROWD-SOURCED TRUSTED-GPS REGION FOR MOBILE DEVICE LOCALIZATION
24	10345452	METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION REGION IN TRUSTED-GPS REGION
25	10816343	METHOD AND SYSTEM FOR DEPLOYING CROWD-SOURCED MAGNETIC DISTORTION REJECTION MAP
26	10820149	METHOD AND SYSTEM FOR MOBILE DEVICE DUAL STREAM LOCALIZATION IN A MAGNETIC DISTORTION REGION
27	10587988	METHOD AND SYSTEM OF MOBILE DEVICE SEQUENCING FOR LOCALIZATION
28	10634505	METHOD AND SYSTEM FOR THRESHOLD-BASED DETECTION OF DISTORTIVE MAGNETIC FIELDS IN INDOOR LOCATIONS
29	10425773	METHOD AND SYSTEM OF CROWD- SOURCED HEADING CORRECTIONS
30	10422854	NEURAL NETWORK TRAINING FOR MOBILE DEVICE RSS FINGERPRINT- BASED INDOOR NAVIGATION
31	10671921	CROWD-SOURCED TRAINING OF A NEURAL NETWORK FOR RSS FINGERPRINTING
32	10655971	MAINTAINING A TRAINED NEURAL NETWORK FOR MOBILE DEVICE RSS FINGERPRINT BASED INDOOR NAVIGATION
33	10716089	DEPLOYMENT OF TRAINED NEURAL NETWORK BASED RSS FINGERPRINT DATASET
34	10641610	NEURAL NETWORK- INSTANTIATED LIGHTWEIGHT CALIBRATION OF RSS FINGERPRINT DATASET
35	11428533	Generating Magnetic Fingerprint for Mobile Device Indoor Navigation
36	11473915	Magnetic Fingerprint Neural Network Training for Mobile Device Indoor Navigation
37	11,402,233	Maintaining a Trained Neural Network in Magnetic Fingerprint based Indoor Navigation
38	11512961	Deployment of Trained Neural Network in Magnetic Fingerprint based Indoor Navigation
39	10823573	Method and System for Lightweight Calibration of Magnetic Fingerprint Dataset
40	11435189	Method and System of Crowd- Sourced Magnetic Fingerprinting with Neural Network Re-Training
41	10820170	Time Offset Based Synchronization In Mobile Device Localization

42	11525686	Crowd Sourced Multi-Stage Mobile Device Fingerprint Based Navigation
43	10837784	Magnetic Parameter-based Localization in Mobile Device Navigation
44	10893389	Infrastructure Re-Purposed RSS Signature in Mobile Device Localization
45	10890450	Infrastructure Re-Purposed Magnetic Signature in Mobile Device Localization
46	11218839	Method And System For Zone-Based Localization Of Mobile Devices
47	11356801	Method And System For Targeted Calibration
48	12106014	Localization Using Grid-Based Representation Of Map Constraints
49	11,700,504	Method And System For Calibration Of An Indoor Space
50	9,961,508	Systems And Methods For Determining Indoor Location And Floor Of A Mobile Device
51	10,165,422	Scalable Indoor Navigation And Positioning Systems And Methods
52	10,171,966	Crowd-Sourced Passive Positioning And Calibration
53	10,197,398	Mobile Device Localization Based On Spatial Derivative Magnetic Fingerprint
54	10,206,067	Method And System For Server Based Mobile Device Monitoring In Crowd- Sourced Pedestrian Localization
55	10,247,564	Method And System For Crowd- Sourced Navigation Profile Options
56	10,274,323	Method And System Of Pedestrian Localization
57	10422646	Method And System For Credential- Based Pedestrian Routing
58	10356557	Magnetic Landmark Method And System For Detecting In-Building (Local Venue) Threshold
59	10573105	Method And System For Mobile Device Localization- Based Access
60	10425772	Self-Learning Localization Data Repository
61	11049069	Method And System For Localizing Tracking Devices
62	11175144	Magnetic Parameter-based Localization in Mobile Device Navigation
63	11871292	Method And System For Localization-Based Data Connectivity Transitioning

### APPLICATIONS

S.No.	Application Number	Title
1	15/713,370	DEVICE ORIENTATION SYSTEMS AND METHODS
2	15/888,077	METHOD AND SYSTEM FOR CROWD-SOURCED INVENTORY CONTROL ADJUSTMENTS
3	15/983,159	METHOD AND SYSTEM FOR LOCALIZATION- ENABLED DATA CONNECTIVITY TRANSITIONING
4	16/113044	METHOD AND SYSTEM FOR CROWD- SOURCED MAP FEATURE UPDATING
5	16/136,586	METHOD AND SYSTEM FOR LOCALIZATION-BASED DATA CONNECTIVITY TRANSITIONING
6	16224108	METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION IN MAGNETIC FIELDS
7	16587392	INFRASTRUCTURE CHARACTERISTICS BASED MOBILE DEVICE NAVIGATION
8	17134224	LOCALIZATION USING TESSELLATED GRIDS
9	17590794	METHOD AND SYSTEM FOR CALIBRATION OF A SPACE IN AN INDOOR AREA
10	17680693	SCANNABLE CODE BASED NAVIGATION IN AN INDOOR AREA
11	17727027	METHOD AND SYSTEM FOR CRITERION-BASED LOCALIZATION OF MOBILE DEVICES
12	17728018	METHOD AND SYSTEM FOR AUTOMATICALLY GENERATING A MAP OF AN INDOOR SPACE
13	17867923	DETERMINING MOTION IN INDOOR SPACE USING PROBABILISTIC REPRESENTATION OF MOTION TRANSITION
14	16/045949	METHOD AND SYSTEM FOR POSITIONING STATE TRANSITION
15	16/121264	METHOD AND SYSTEM OF CROWD- SOURCED PEDESTRIAN LOCALIZATION
16	16174771	METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION IN EXTREME AMBIENT CONDITIONS