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PTO/SB/16 (8-00)

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PROVISIONAL APPLICATION FOR PATENT COVER SHEET

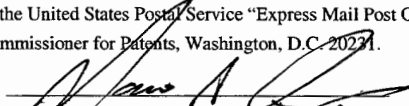
This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

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Marco Jimenez

PTO
11002 U.S. PTO
60/305975

INVENTOR(S)

Given Name (first and middle [if any])	Family Name or Surname	RESIDENCE (City and either State or Foreign Country)
Michael A. Stephen Angie	SHEHA PETILLI ZEVALLOS	Pasadena, CA Pasadena, CA Pasadena, CA

Additional inventors are being named on the ___ separately numbered sheets attached hereto.

TITLE OF THE INVENTION (280 characters max)

POSITION DETERMINATION SYSTEM

CORRESPONDENCE ADDRESS

Direct all correspondence to:

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Customer Number 25224
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25224

PATENT TRADEMARK OFFICE

<input type="checkbox"/> Firm or Individual Name	David T. Yang MORRISON & FOERSTER LLP				
Address	555 W. Fifth Street, Suite 33500, Los Angeles, CA 90013				
Country	United States of America	Telephone	(213) 892-5587	Fax	(213) 892-5454

ENCLOSED APPLICATION PARTS (check all that apply)

<input checked="" type="checkbox"/> Specification Number of Pages	20	<input type="checkbox"/> CD(s), Number	
<input checked="" type="checkbox"/> Drawing(s) Number of Sheets	9	<input type="checkbox"/> Other (specify)	
<input checked="" type="checkbox"/> Application Data Sheet, See 37 CFR 1.76			

METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT


- Applicant claims small entity status. See 37 CFR 1.27.
- A check or money order is enclosed to cover the filing fees.
- The Commissioner is hereby authorized to charge filing fees or credit any overpayment to **Deposit Account No.: 03-1952 (see Fee Transmittal sheet).**
- Payment by credit card. Form PTO-2038 is attached.

FILING FEE
AMOUNT(\$)
\$75.00

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

- No.
- Yes, the name of the U.S. Government agency and the Government contract number are: _____

Respectfully submitted,

SIGNATURE 
TYPED or PRINTED NAME: David T. Yang
TELEPHONE: (213) 892-5587

Date: July 17, 2001
REGISTRATION NO. 44,415
(if appropriate)
Docket Number: 513163000100

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Commissioner for Patents, Washington, D.C. 20231.

FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	Not yet known
Filing Date	Concurrently herewith
First Named Inventor	Michael A. SHEHA
Examiner Name	*
Group Art Unit	*
Attorney Docket No.	513163000100

TOTAL AMOUNT OF PAYMENT (\$)75.00

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 03-1952
Deposit Account Name: Morrison & Foerster LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	75

SUBTOTAL (1) (\$)75.00

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
* -20** =	*	x	*	= \$	
-3** =	*	x	*	= \$	
				= \$	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claims, if not paid	
109	80	209	40	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)*

** or number previously paid, if greater; For reissues, see above.

FEE CALCULATION (continued)

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions of the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per properties (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type)	David T. Yang	Registration No. (Attorney/Agent)	44,415	Telephone	(213) 892-5587
Signature		Date	July 17, 2001		

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Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. 16-501152

Initial Information Data Sheet

Inventor Information

Inventor One Given Name: Michael A.
Family Name: SHEHA
Name Suffix:
Postal Address Line One: 515 S. Madison Ave., #2
Postal Address Line Two:
City: Pasadena
State or Province: CA
Postal or Zip Code: 91101 US
Citizenship Country: United States of America

Inventor Two Given Name: Stephen
Family Name: PETILLI
Name Suffix:
Postal Address Line One: 818 Old Mill Road
Postal Address Line Two:
City: Pasadena
State or Province: CA
Postal or Zip Code: 91108 US
Citizenship Country: United States of America

Inventor Three Given Name: Angie
Family Name: ZEVALLOS
Name Suffix:
Postal Address Line One: 515 S. Madison Ave., #2
Postal Address Line Two:
City: Pasadena
State or Province: CA
Postal or Zip Code: 91101 US
Citizenship Country: United States of America

60305975-021701

1a-501148

Correspondence Information

Name Line One: David T. Yang
Name Line Two: Morrison & Foerster LLP
Address Line One: 555 W. 5th Street
Address Line Two: 35th Floor
City: Los Angeles
State or Province: California
Postal or Zip Code: 90013
Telephone: 213-892-5587
Fax: 213-892-5454
Electronic Mail: Dyang@mofo.com

Application Information

Title Line One: POSITION DETERMINATION SYSTEM
Total Drawing Sheets: 9
Formal Drawings?: Yes
Application Type: provisional
Docket Number: 513163000100

Representative Information

Representative Customer Number:



25224

PATENT TRADEMARK OFFICE

Continuity Information

This application is a:
> Application One:
Filing Date:

which is a:
>>Application Two:
Filing Date:

which is a:
>>>Application Three:
Filing Date:

Prior Foreign Applications

Foreign Application One:
Filing Date:
Country:
Priority Claimed:

1a-501148

60305975-07401

POSITION DETERMINATION SYSTEM

BACKGROUND OF THE INVENTION

5 1. Field of Invention

This invention relates to location and navigational systems and to the determination of local and remote position information in ad-hoc landline and wireless systems, including the utilization of unique identification addresses, such as telephone numbers or Internet Protocol (IP) addresses, for such
10 purposes as providing real-time location information, maps, routing, and direction finding.

2. Description of the Related Art

Navigational systems, defined as systems that provide a unit's local position and a way of planning a course around the unit's local position,
15 sometimes to a remote position, such as in-vehicle navigations systems do, are well know in the art. Typically, an in-vehicle navigation system consists of a display screen, processing unit, storage unit, and user input mechanism. The storage system typically contains, for example, maps and travel information used for navigational purposes. Travel information may include
20 such items as points of interest, local restaurants, theaters, municipality locations, and the like.

Determining a local position in a navigation system has typically been done by integrating or connecting Global Positioning System (GPS) technology into the local navigational system. New positioning determination
25 systems include network-assisted wireless location systems, such as TOA (Time-of-Arrival), and network assisted GPS systems for determining the local navigation system's position. The unit's location is then displayed on the device and is available for various applications, such as in the case of a commuter seeking the shortest route to a location in a specific area or a user
30 wanting to find the nearest gas station.

Destination locations are typically determined by manually accessing stored information from a local database or navigational information storage

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