

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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T-Mobile US, Inc., T-Mobile USA, Inc., TeleCommunication Systems, Inc.,  
Ericsson Inc., and Telefonaktiebolaget LM Ericsson  
*Petitioners,*

v.

TracBeam, LLC,  
*Patent Owner.*

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U.S. Patent No. 7,525,484

Title: GATEWAY AND HYBRID SOLUTIONS FOR WIRELESS LOCATION

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**DECLARATION OF DR. WILLIAM R. MICHALSON**

## TABLE OF CONTENTS

	<b>Page</b>
I. INTRODUCTION .....	1
A. Compensation and Prior Testimony .....	1
B. Background and Qualifications .....	2
C. Materials Considered.....	8
II. LEGAL STANDARDS .....	9
III. THE ‘484 PATENT .....	11
A. Overview .....	11
B. Location Center of the Hybrid Location System .....	15
1. Signal processing subsystem.....	17
2. Location Hypothesizing Models (FOMs) .....	18
3. Hypotheses Evaluator .....	19
4. Output Gateway .....	20
IV. PROSECUTION HISTORY OF THE ‘484 PATENT.....	20
V. LEVEL OF ORDINARY SKILL IN THE ART.....	21
VI. CLAIM CONSTRUCTION .....	21
A. “ <i>mobile station</i> ,” “ <i>location technique(s)</i> ” (and related terms), “ <i>location estimating sources</i> ” (and related terms), “ <i>location determining sources</i> ” (and related terms), “ <i>geographical extent</i> ,” and “ <i>output criteria</i> ” .....	22
B. “ <i>location information</i> ” and related terms.....	23
C. order of claim elements .....	24
D. “ <i>obtained via/from transmissions</i> ” .....	27
E. “ <i>gating module</i> ” and “ <i>communications controller</i> ” .....	29
VII. STATE OF THE ART / TECHNOLOGY OVERVIEW .....	31
A. Early applications of wireless location technologies .....	31
B. Hybrid wireless location approaches .....	32
C. Fundamental location technologies.....	34
1. Coverage Area.....	34

2.	Trilateration (time of arrival and signal strength).....	35
3.	Time Difference of Arrival (TDOA) .....	38
4.	Satellite-Based Location Technologies .....	40
VIII.	PRIOR ART.....	43
A.	<i>Kauser</i> .....	43
B.	<i>Loomis</i> .....	45
C.	<i>Wortham</i> .....	45
IX.	<i>KAUSER COMBINATIONS</i> .....	47
A.	Overview .....	47
B.	Satellite / Non-Terrestrial GPS Technique .....	49
1.	Satellite (non-terrestrial) technique .....	49
2.	Satellite location information.....	50
3.	Satellite signal measurements that are obtained by terrestrial transmissions (or “mobile-assisted GPS”).....	51
4.	Differential GPS.....	53
C.	Terrestrial Geometric Technique .....	56
1.	Terrestrial communication stations at fixed locations .....	57
2.	Terrestrial location technique .....	57
3.	Wireless signal measurements .....	58
D.	Terrestrial Coverage Area Technique .....	59
E.	Resulting Location Determination .....	60
1.	Determining resulting location information .....	60
2.	Likelihood indication .....	63
F.	Output of the Resulting Location Information.....	64
G.	Order of Location Techniques.....	65
H.	Other features .....	69
1.	Messages for Requesting Activation of One or More Mobile Station Location Estimators .....	69
2.	Geographic Extent.....	71
3.	Gating module and communications controller.....	72

4.	GPS and geometric techniques provide different, independent location estimates .....	75
5.	Requests for locations .....	78
6.	Mobile Phone Transmissions .....	79
I.	Global Reasons to Modify and/or Combine .....	80
X.	<i>LOOMIS COMBINATIONS</i> .....	83
A.	Overview .....	83
B.	Two-Way Wireless Communication and Location Functionality .....	85
C.	Satellite / Non-Terrestrial GPS Technique .....	89
1.	Satellite (non-terrestrial) technique .....	89
2.	Satellite signal time delay measurements .....	89
3.	Satellite location information.....	91
D.	Terrestrial Radio Technique.....	92
1.	Terrestrial communication stations at fixed locations .....	92
2.	Terrestrial location technique .....	92
3.	Wireless signal measurements .....	93
4.	Signal time delay measurements.....	94
E.	Resulting Location Determination .....	97
1.	Determining resulting location information .....	97
2.	Likelihood indication .....	99
F.	Output of the Resulting Location Information.....	101
G.	Order of Location Techniques.....	101
H.	Other features .....	106
1.	Storing Data in Memory .....	106
2.	Location Information Determined According to Information Indicative of a Manner in Which an Application Prefers the Requested Location Information .....	106
3.	Geographic Extent.....	107
4.	Plurality of Mobile Stations .....	109
5.	A Plurality of Requests for Information .....	111
6.	Different techniques that generate different estimates .....	112

7.	Application requests and preferences .....	113
8.	Common standardized format & Common data representation .....	115
9.	Tracking a Mobile Wireless Device .....	117
I.	Global Reasons to Modify and/or Combine .....	119

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