# The United States of America

# The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

# **United States Patent**

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Juan Staret Ken

Acting Director of the United States Patent and Trademark Office



# (12) United States Patent Couto et al.

# (10) Patent No.: (45) Date of Patent:

US 8,471,675 B2 Jun. 25, 2013

## METHOD FOR MANAGING LOCKERS (54)REMOTELY

- (75) Inventors: Renato Dale Couto, Rio de Janeiro RJ (BR); Francisco Leao Diegues, Rio de Janeiro RJ (BR)
- (73) Assignee: Thatsit Systems LLC, Rio de Janeiro (BR)
- (\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1073 days.
- (21) Appl. No.: 12/108,938
- (22) Filed: Apr. 24, 2008
- (65)**Prior Publication Data** US 2009/0267788 A1 Oct. 29, 2009

(51)	Int. Cl.	
	B60R 25/00	(2006.01)
	G05B 19/00	(2006.01)
	G06F 7/04	(2006.01)
	H04Q 9/00	(2006.01)

(52)U.S. Cl. USPC .. ..... 340/4.61; 340/5.73; 340/5.2

Field of Classification Search See application file for complete search history.

### (56)References Cited

# U.S. PATENT DOCUMENTS

5,894,227	A *	4/1999	Acuff 326/68
6,879,243			Booth et al 340/5.73
6,882,269	B2 *	4/2005	Moreno 340/5.73
7,113,071	B2 *	9/2006	Cayne et al 340/5.22
7,323,967	B2 *		Booth et al 340/5.73
7,477,132	B2 *		Mayer et al 340/5.73
7,675,421	B2 *	3/2010	Higham 340/572.1
7,728,711	B2 *		Shoenfeld 340/5.73
2003/0025590	A1*		Gokcebay et al 340/5.73
2003/0101254	A1*		Sato 709/223

<sup>\*</sup> cited by examiner

Primary Examiner — Daniel Wu Assistant Examiner - Mohamed Barakat (74) Attorney, Agent, or Firm - Alston & Bird LLP

### (57)**ABSTRACT**

A method capable of remotely managing the implementation, the installation control and use of cabinets or storage lockers at any location over the Internet, through communication between databases that interconnect the end user needs with the capacities and needs of the location that makes the lockers available.

13 Claims, No Drawings