504173595 01/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ylesheet Version v1.2

EPAS ID: PAT4220273

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG LEONARD OGG	10/19/2016

RECEIVING PARTY DATA

Name:	STAMPS.COM INC.		
Street Address:	Address: 1990 E. GRAND AVENUE		
City:	EL SEGUNDO		
State/Country:	CALIFORNIA		
Postal Code:	90245		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Patent Number:	8041644	

CORRESPONDENCE DATA

Fax Number: (626)577-8800

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: (626)795-9900

Email: pto@lrrc.com, tsinclair@lrrc.com

Correspondent Name: LEWIS ROCA ROTHGERBER CHRISTIE LLP

Address Line 1: P.O. BOX 29001

Address Line 4: GLENDALE, CALIFORNIA 91209-9001

ATTORNEY DOCKET NUMBER: 65632/SAH

NAME OF SUBMITTER: TERI M. SINCLAIR

SIGNATURE: /Teri M. Sinclair/

DATE SIGNED: 01/11/2017

Total Attachments: 2

source=Ogg Assignment#page1.tif source=Ogg Assignment#page2.tif

PATENT 504173595 REEL: 040946 FRAME: 0921

CONFIRMATORY ASSIGNMENT

Attorney's Docket No.: 412406-00006

<u>ASSIGNMENT</u>

For valuable consideration, I, Craig Leonard Ogg, residing at 4405 Cerritos Avenue, Long Beach, California 90807, hereby confirm that I have assigned, and hereby do assign to Stamps.com Inc., a corporation of Delaware, having a place of business at 1990 E. Grand Avenue, El Segundo, California 90245; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of the United States patents and patent applications listed on Schedule A hereto; this assignment including said patents and applications, all other patents and applications claiming priority to said patents and applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said patents and applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date 10/19/16

Crain Leonard

SCHEDULE A

U,S, Pat. Appin. No.	Filing Date	U.S. Pat No.	Issue Date	Invention Title
09/585,025	01-Jun-2000	7,149,726	12-Dec-2006	Online Value Bearing Item Printing
09/651,389	29-Aug-2000	6,965,451	15-Nov-2005	Method and Apparatus for Printing Indicia, Logos and Graphics onto Print Media
09/651,390	29-Aug-2000	6,982,808	03-Jan-2006	Virtualized Printing of Indicia, Logos and Graphics
09/688,451	16-Oct-2000	6,868,406	15-Mar-2005	Auditing Method and System for an On-Line Value-Bearing Item Printing System
09/688,452	16-Oct-2000	7,236,956	26-Jun-2007	Role Assignments in a Cryptographic Module for Secure Processing of Value-Bearing Items
09/688,456	16-Oct-2000	7,490,065	10-Feb-2009	Cryptographic Module for Secure Processing of Value-Bearing Items
09/690,066	16-Oct-2000	7,216,110	08-May-2007	Cryptographic Module for Secure Processing of Value-Bearing Items
09/690,083	16-Oct-2000	7,752,141	06-Jul-2010	Cryptographic Module for Secure Processing of Value-Bearing Items
09/690,796	17-Oct-2000	7,613,639	03-Nov-2009	Secure and Recoverable Database for On-Line Value-Bearing Item System
09/692,747	18-Oct-2000	7,251,632	31-Jul-2007	Machine Dependent Login for On-Line Value-Bearing Item System
09/788,069	16-Feb-2001	7,299,210	20-Nov-2007	On-Line Value-Bearing Indicium Printing Using DSA
09/944,534	31-Aug-2001	7,765,168	27-Jul-2010	Method and Apparatus for the Control and Distribution of Value Bearing Items in a PC Postage System
09/975,532	10-Oct-2001	7,191,158	13-Mar-2007	System and Method for Providing Computer-Based Postage Stamps
10/083,236	26-Feb-2002	7,392,377	24-Jun-2008	Secured Centralized Public Key Infrastructure
10/429,642	05-May-2003	6,939,062	06-Sep-2005	System and Layout for Proper Printing of Netstamps and Other Labels
12/564,884	22-Sep-2009	8,027,926	27-Sep-2011	Secure and Recoverable Database for On-Line Value-Bearing Item System
12/606,814	27-Oct-2009	8,027,927	27-Sep-2011	Cryptographic Module for Secure Processing of Value-Bearing Items
12/782,667	18-May-2010	8, 041,644	18-Oct-2011	Cryptographic Module for Secure Processing of Value-Bearing Items
13/216,646	24-Aug-2011	8,301,572	30-Oct-2012	Cryptographic Module for Secure Processing of Value-Bearing Items
13/218,253	25-Aug-2011	8,498,943	30-Jul-2013	Secure and Recoverable Database for On-Line Value-Bearing Item System

TMS PAS1433805.1-*-08/10/16 3:43 PM

PATENT REEL: 040946 FRAME: 0923

RECORDED: 01/11/2017