

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sanyo Electric Co., Ltd.	04/01/2012
RECEIVING PARTY DATA	
Name:	Teeming Data LLC
Street Address:	160 Greentree Drive
Internal Address:	Suite 101
City:	Dover
State/Country:	DELAWARE
Postal Code:	19904
PROPERTY NUMBERS Total: 19	
Property Type	Number
Patent Number:	5498920
Patent Number:	6828879
Patent Number:	6965190
Patent Number:	5844453
Patent Number:	6034577
Patent Number:	5543757
Patent Number:	5877662
Patent Number:	5663697
Patent Number:	6420815
Patent Number:	6480075
Patent Number:	6781483
Patent Number:	6172581
Patent Number:	6310423
Patent Number:	6310425

Patent Number:	6310424
Patent Number:	5808523
Patent Number:	5914645
Patent Number:	6037700
Patent Number:	6424240

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	**TM-0001
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NAME OF SUBMITTER:	Laura Rae Workman
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Total Attachments: 5
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Exhibit B

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, SANYO Electric Co., Ltd., a Japanese corporation, with an office at 2-5-5 Keihan Hondori, Moriguchi-City, Osaka 570-8677, Japan ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Teeming Data LLC, a Delaware limited liability company, with an address at 160 Greentree Drive, Suite 101; Dover, DE 19904 ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "**Patents**");

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5498920	US	05/05/1994	Acoustic wave device and process for producing same Hiroshi Okano
6828879	US	02/14/2002	Longitudinal coupled multiple mode surface acoustic wave filter Naoki Tanaka
6965190	US	09/10/2002	Surface acoustic wave device Toshio Tanuma
5844453	US	05/29/1996	Surface acoustic wave filter utilizing a transducer having interdigital electrodes and continuously adjacent electrodes Kuniyuki Matsui
6034577	US	09/22/1998	Integrated interdigital electrode saw filter with specified distances between input/output electrodes Kuniyuki Matsui
JP3459494	JP	05/29/1995	Surface acoustic wave filter Kuniyuki Matsui

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
DE69636897.8	DE	05/28/1996	Surface Acoustic Wave Filter Kuniyuki Matsui
FR0746095	FR	05/28/1996	Surface acoustic wave filter Kuniyuki Matsui
GB0746095	GB	05/28/1996	Surface acoustic wave filter Kuniyuki Matsui
5543757	US	09/06/1994	Surface acoustic wave filter including alternate open and shorted reflector grating Yasuhiro Hirao
5877662	US	04/19/1996	Surface acoustic wave filter including series and parallel interdigital transducers Yasuhiro Hirao
5663697	US	04/22/1996	Surface accoustic wave filter Yasuhiro Hirao
DE4447740.6	DE	09/05/1994	Surface acoustic wave filter Yasumi Kobayashi
JP3653522	JP	10/20/2003	Surface acoustic wave high frequency filter Taizo Kobayashi
6420815	US	09/15/2000	Substrate for surface acoustic wave device and surface acoustic wave device Naoki Tanaka
6480075	US	03/30/2000	Surface acoustic wave filter Toshiharu Tanaka
6781483	US	12/13/2001	Surface acoustic wave filter Naoki Tanaka

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6172581	US	05/11/1999	Surface acoustic wave filters with cascaded transversely coupled mode resonator filters Naoki Tanaka
6310423	US	03/23/2000	Surface acoustic wave device Naoki Tanaka
6310425	US	03/23/2000	Surface acoustic wave device Naoki Tanaka
6310424	US	03/23/2000	Surface acoustic wave device Morio Ogura
5808523	US	10/28/1997	High frequency filter including both dielectric and surface acoustic wave resonators Yasumi Kobayashi
5914645	US	06/04/1997	Surface acoustic wave device with optimized ratio of film thickness to electrode period Yasumi Kobayashi
6037700	US	03/30/1998	Surface acoustic wave device Naoki Tanaka
6424240	US	03/28/2000	Surface acoustic wave filter device with a shared reflector and portable telephone comprising same Shuichi Yoshikawa

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, or (ii) for which any of the Patents directly or indirectly forms a basis for priority;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, or registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts that have a direct or indirect claim to priority or benefit of, or that provide, directly or indirectly priority or benefit for any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;

(g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

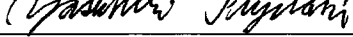
- (i) damages,
- (ii) injunctive relief, and
- (iii) any other remedies of any kind for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at on
April 1st, 2012.

ASSIGNOR: SANYO Electric Co., Ltd.

By: 
Name: Yasuhiro Fujitani
Title: Director

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Yasuhiro Fujitani to the above Assignment of Patent Rights on behalf of SANYO Electric Co., Ltd. and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Yasuhiro Fujitani is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on April 1st, 2012, to execute the above Assignment of Patent Rights on behalf of SANYO Electric Co., Ltd.
3. Yasuhiro Fujitani subscribed to the above Assignment of Patent Rights on behalf of SANYO Electric Co., Ltd.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on April 1st, 2012.


Print Name: Noriyuki Fujibayashi