

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5734854

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 048537 Frame 0962. Assignor(s) hereby confirms the NAME OF THE ASSIGNEE IS DRAGONWAVE-X CANADA, INC.

CONVEYING PARTY DATA

Name	Execution Date
DRAGONWAVE INC.	10/24/2017

RECEIVING PARTY DATA

Name:	DRAGONWAVE-X CANADA, INC.
Street Address:	6969 E. SUNRISE DRIVE
Internal Address:	SUITE 100
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85750

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09990349

CORRESPONDENCE DATA

Fax Number: (877)769-7945
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: (512) 226-8117
Email: apsi@fr.com
Correspondent Name: KENNETH J. HOOVER
Address Line 1: FISH & RICHARDSON P.C.
Address Line 2: P.O.BOX 1022
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	44756-0032001
NAME OF SUBMITTER:	EDWARD G. FAETH
SIGNATURE:	/Edward G. Faeth/
DATE SIGNED:	09/24/2019

Total Attachments: 15

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5411266

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DRAGONWAVE INC.	10/24/2017
RECEIVING PARTY DATA	
Name:	TRANSFORM-X, INC. DRAGONWAVE-X CANADA, INC.
Street Address:	6969 E. SUNRISE DRIVE
Internal Address:	SUITE 100
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85750
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09990349
CORRESPONDENCE DATA	
Fax Number:	(612)288-9696
<i>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.</i>	
Phone:	2142924080
Email:	APSI@fr.com
Correspondent Name:	J. KEVIN GRAY
Address Line 1:	1717 MAIN STREET, SUITE 5000
Address Line 2:	FISH & RICHARDSON
Address Line 4:	DALLAS, TEXAS 75201
ATTORNEY DOCKET NUMBER:	44756-0032001
NAME OF SUBMITTER:	SHERRY L. HUNT
SIGNATURE:	/Sherry L. Hunt/
DATE SIGNED:	03/08/2019
Total Attachments: 13	
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CONFIRMATORY ASSIGNMENT OF INTELLECTUAL PROPERTY ASSETS

WHEREAS, pursuant to a court order dated July 31, 2017, **KSV KOFMAN INC.** is the court-appointed receiver and receiver and manager of the assets, properties and undertakings of **DRAGONWAVE INC.** (the "Assignor"), including all the right, title, and interest of the Assignor in all Intellectual Property (as defined in Section 2.1(f) of the Asset Purchase Agreement (as defined below)), which also includes, without limitation, the trademarks, patents and Internet domain names listed in Schedule A (collectively, the "Intellectual Property Assets");

AND WHEREAS the Assignor has entered into an asset purchase agreement dated September 28, 2017 (the "Asset Purchase Agreement") with Transform-X, Inc.;

AND WHEREAS the Asset Purchase Agreement has been assigned by Transform-X, Inc. to **DRAGONWAVE-X CANADA, INC.** (the "Assignee") pursuant to an assignment agreement dated October 4, 2017;

AND WHEREAS the Assignee is desirous of confirming that it has acquired, from the Assignor pursuant to the Asset Purchase Agreement and subject to the terms and conditions contained in the Asset Purchase Agreement, including without limitation Article 11 AS IS WHERE IS, all of the Assignor's right, title, and interest in and to the Intellectual Property Assets, together with the goodwill of the business in connection with which the Intellectual Property Assets are used;

NOW THEREFORE, in consideration of the covenants and agreements contained in the Asset Purchase Agreement and herein and such other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties hereto, the Assignor confirms, without any representation, warranty, or condition other than as set out therein, that it has assigned, transferred and conveyed, effective as of October 24, 2017, all of the Assignor's right, title, and interest in and to the Intellectual Property Assets, the same to be held and enjoyed as fully and exclusively as the same would have been held and enjoyed by the Assignor had this assignment, transfer and conveyance not been made.

In accordance with section 12.7 of the Asset Purchase Agreement, the Assignor hereby undertakes at any time upon reasonable request to execute such documents and take such further actions as may be necessary to evidence the assignment of all of the Assignor's right, title and interest in and to the Intellectual Property Assets to the Assignee, and to enable the Assignee to obtain and maintain the applications and registrations for the Intellectual Property Assets.

The Assignor does hereby authorize any official whose duty it is to grant registrations of the Intellectual Property Assets, to issue registrations for any pending or yet to be filed applications for said Intellectual Property Assets to the Assignee, and to the Assignee's successors, assigns, nominees or other legal representatives.

The Assignor, on behalf of itself and its successors, assigns, nominees or other legal representatives, does hereby authorize the Assignee, its successors, assigns, nominees or other legal representatives, including its Patent Agents and/or Trademark Agents, to amend the present assignment document to insert or correct the filing date, serial number, registration number or other identifying information as may be needed to record same.

In accordance with section 12.7 of the Asset Purchase Agreement, the Assignor hereby undertakes to cooperate with and take or cause to be taken all necessary steps as required by the registrars of the Internet domain names listed in Schedule A, any Internet registration authorities, and Assignee to cause and effect a transfer the Internet domain names and record the Assignee as the registrant and owner thereof.

This Assignment may be executed in as many counterparts as may be necessary, each of which so executed shall be deemed to be an original and each signed copy sent by facsimile or other means of electronic transmission producing a printed copy shall be deemed to be an original, and such counterparts together shall constitute one and the same document and notwithstanding the date of execution shall be deemed to be effective as of the date set forth above.

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PATENT
REEL: 050480 FRAME: 0330

EXECUTED as of this 24 day of October, 2017.

**DRAGONWAVE INC. by
KSV KOFMAN INC. solely in its capacity
as court-appointed receiver and receiver and
manager of the assets, properties and
undertakings of DragonWave Inc.**

Signature: 

Name: DAVID SIERADZKI

Title: MANAGING DIRECTOR

DRAGONWAVE-X CANADA, INC.

Signature: _____

Name:

Title:

[Signature Page re Confirmatory Assignment of Intellectual Property Assets]

EXECUTED as of this 24 day of October, 2017.

DRAGONWAVE INC. by
KSV KOFMAN INC. solely in its capacity
as court-appointed receiver and receiver and
manager of the assets, properties and
undertakings of DragonWave Inc.

Signature: _____

Name:

Title:

DRAGONWAVE-X CANADA, INC.

Signature:  _____

Name: DANIEL HODGES

Title: Chairman

[Signature Page re Confirmatory Assignment of Intellectual Property Assets]

me to be the person named as authorized representative
the above confirmatory assignment, duly execute the s

DATED at _____

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SCHEDULE A

CANADIAN ISSUED PATENTS

Patent No.	Title	Owner	Issue Date
1. 2547310	APPARATUS AND METHODS FOR CONTROLLING EFFECTIVE COMMUNICATION TRAFFIC RATES	DragonWave Inc.	2013-04-09
2. 2592079	WIRELESS COMMUNICATION PATH MANAGEMENT METHODS AND SYSTEMS	DragonWave Inc.	2011-08-09

CANADIAN REGISTERED TRADEMARKS

Reg. No.	Trademark	Reg Date	Owner
1. TMA563401	AIRPAIR	2002-06-13	DragonWave Inc.
2. TMA745742	HORIZON	2009-08-19	DragonWave Inc.
3. TMA585382	DRAGONWAVE	2003-07-16	DragonWave Inc.

DOMAIN REGISTRATIONS

Domain Name	Domain Information
dragonwaveinc.com	Registrant Name/Organization: Chris Rodgers / Dragonwave Inc Updated Date: 2017-05-03 Creation Date: 2000-05-17 Registry Expiry Date: 2018-05-17
dragonwave.ca	Registrant Name/Organization: Chris Rodgers / Dragonwave Inc Updated Date: 2017-06-26 Creation Date: 2000-11-29 Registry Expiry Date: 2018-05-12

U.S. PATENT APPLICATIONS

Appln. No.	Title	Filing Date	Owner	Publication No.
1. 15/298943	COMPRESSION IN COMMUNICATIONS	October 20, 2016	DragonWave Inc.	20170118675
2. 10/077914	TRANSCEIVER FOR FIXED WIRELESS ACCESS NETWORK APPLICATIONS	February 20, 2002 (abandoned Mar 11 2005, failed to respond to Office Action)	DragonWave Inc.	20020128009
3. 11/812155	RADIO LOOP-BACK	September 12, 2011 (abandoned Sep 12 2011, failed to respond to Office Action)	DragonWave Inc.	20080051038
4. 12/224325	APPARATUS AND METHOD FOR DETECTING OUTPUT POWER FROM AN AMPLIFIER	August 25, 2008 (abandoned Jan 22 2009, failed to respond to Office Action)	DragonWave Inc.	20090021300
5. 13/708421	WIRELESS NETWORK COMMUNICATION APPARATUS, METHODS, AND INTEGRATED ANTENNA STRUCTURES	December 7, 2012 (abandoned Sep 15 2015, failed to respond to Office Action)	DragonWave Inc.	20130100869
6. 15/298943	COMPRESSION IN COMMUNICATIONS	October 20, 2016	DragonWave Inc.	20170118675

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U.S. ISSUED PATENTS

Patent No.	Title	Issue Date	Owner
1. 6,538,509	LINEARIZER FOR A POWER AMPLIFIER	March 25, 2003	DragonWave Inc.
2. 6,657,520	WAVEGUIDE FILTER	December 2, 2003	DragonWave Inc.
3. 6,861,891	SUB-HARMONIC MIXER	March 1, 2005	DragonWave Inc.
4. 6,876,277	E-PLANE FILTER AND A METHOD OF FORMING AN E-PLANE FILTER	April 5, 2005	DragonWave Inc.
5. 7,084,693	SUB-HARMONIC MIXER	August 1, 2006	DragonWave Inc.
6. 7,196,274	MULTI-LAYER INTEGRATED RF/IF CIRCUIT BOARD	March 27, 2007	DragonWave Inc.
7. 7,202,419	MULTI-LAYER INTEGRATED RF/IF CIRCUIT BOARD INCLUDING A CENTRAL NON-CONDUCTIVE LAYER	April 10, 2007	DragonWave Inc.
8. 7,454,222	APPARATUS AND METHOD FOR CONTROLLING WIRELESS COMMUNICATION SIGNALS	November 18, 2008	DragonWave Inc.
9. 7,957,291	APPARATUS AND METHODS FOR CONTROLLING EFFECTIVE COMMUNICATION TRAFFIC RATES	June 7, 2011	DragonWave Inc.
10. 7,787,838	INTEGRATED CIRCUIT, AND AN ARRANGEMENT AND METHOD FOR INTERCONNECTING COMPONENTS OF AN INTEGRATED CIRCUIT	August 31, 2010	DragonWave Inc.
11. 8,081,626	EXPEDITED COMMUNICATION TRAFFIC HANDLING APPARATUS AND METHODS	December 20, 2011	DragonWave Inc.
12. 8,036,332	COMMUNICATION SIGNAL SYMBOL TIMING ERROR DETECTION AND RECOVERY	October 11, 2011	DragonWave Inc.
13. 8,213,306	APPARATUS AND METHODS FOR AGGREGATION OF COMMUNICATION BANDWIDTH OVER MULTIPLE WIRELESS COMMUNICATION LINKS	July 3, 2012	DragonWave Inc.
14. 8,351,987	WIRELESS NETWORK COMMUNICATION APPARATUS, METHODS, AND INTEGRATED	January 8, 2013	DragonWave Inc.

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Patent No.	Title	Issue Date	Owner
15. 8,396,177	ANTENNA STRUCTURES INTERFERENCE CARRIER REGENERATION AND INTERFERENCE CANCELLATION APPARATUS AND METHODS	March 12, 2013	DragonWave Inc.
16. 8,427,937	BRIDGING FOR SONET/SDH AUTOMATIC PROTECTION SWITCHING	April 23, 2013	DragonWave Inc.
17. 8,553,530	OPERATING STATE CONTROL IN REDUNDANCY PROTECTION SYSTEMS	October 8, 2013	DragonWave Inc.
18. 8,606,186	WIRELESS COMMUNICATION PATH MANAGEMENT METHODS AND SYSTEMS	December 10, 2013	DragonWave Inc.
19. 8,995,573	OCTAGONAL QUADRATURE AMPLITUDE MODULATION	March 31, 2015	DragonWave Inc.
20. 9,130,730	APPARATUS AND METHODS FOR AGGREGATION OF COMMUNICATION BANDWIDTH OVER MULTIPLE WIRELESS COMMUNICATION LINKS	September 8, 2015	DragonWave Inc.
21. 9,277,452	ADAPTIVE MODULATION AND PRIORITY-BASED FLOW CONTROL IN WIRELESS COMMUNICATIONS	March 1, 2016	DragonWave Inc.
22. 9,544,181	MULTIPLE-NODE COMMUNICATION LINK MANAGEMENT	January 10, 2017	DragonWave Inc.
23. 9,559,973	WIRELESS COMMUNICATION LINK BANDWIDTH UTILIZATION MONITORING	January 31, 2017	DragonWave Inc.

U.S. TRADEMARK APPLICATIONS

Appln. No.	Trademark	Filing Date	Owner
1. 85199691	DRAGONWAVE FUSION	December 16, 2010 (abandoned Jan. 21, 2013)	DragonWave Inc.

U.S. REGISTERED TRADEMARKS

Reg. No.	Trademark	Reg. Date	Owner
1. 4491581	AVENUE	March 4, 2014	DragonWave Inc.
2. 3606664	HORIZON	April 14, 2009	DragonWave Inc.
3. 3789058	AIRPAIR	May 18, 2010 (Cancelled Dec 23, 2016 – failed to file acceptable declaration)	DragonWave Inc.
4. 3503574	DRAGONWAVE	September 23, 2008	DragonWave Inc.
5. 76170413	AXERRA	May 7, 2002	DragonWave Inc.
6. 78444507	THE PSEUDO-WIRE COMPANY	February 28, 2006	DragonWave Inc.

EUROPEAN PATENT APPLICATIONS

Patent No.	Title	Filing Date	Owner
1. EP07719975	RADIO LOOP-BACK	January 13, 2009 (abandoned Jan. 28, 2014)	Dragon Wave Inc.
2. EP08153503.1	COMMUNICATION SIGNAL SYMBOL TIMING ERROR DETECTION AND RECOVERY	March 28, 2008	Dragon Wave Inc.

EUROPEAN REGISTERED PATENTS

Patent No.	Title	Issue Date	Owner
3. EP1832044	WIRELESS COMMUNICATION PATH MANAGEMENT METHODS AND SYSTEMS	February 8, 2017	Dragon Wave Inc.
4. DE602005051293.4	WIRELESS COMMUNICATION PATH MANAGEMENT METHODS AND SYSTEMS	February 8, 2017	Dragon Wave Inc.
5. IT502017000047814	WIRELESS COMMUNICATION PATH MANAGEMENT METHODS AND SYSTEMS	February 8, 2017	Dragon Wave Inc.
6. EP1832044 (GB Designation)	WIRELESS COMMUNICATION PATH MANAGEMENT METHODS AND SYSTEMS	February 8, 2017	Dragon Wave Inc.
7. EP2050199	EXPEDITED COMMUNICATION TRAFFIC HANDLING APPARATUS AND METHODS	August 24, 2016	Dragon Wave Inc.
8. DE602007047623.3	EXPEDITED COMMUNICATION TRAFFIC HANDLING APPARATUS AND METHODS	August 24, 2016	Dragon Wave Inc.
9. EP2050199 (GB Designation)	EXPEDITED COMMUNICATION TRAFFIC HANDLING APPARATUS AND METHODS	August 24, 2016	Dragon Wave Inc.
10. IT2050199	EXPEDITED COMMUNICATION TRAFFIC HANDLING APPARATUS AND METHODS	August 24, 2016	Dragon Wave Inc.

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