

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6865628

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ABL PATENT SECURITY AGREEMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
B & W GROUP LTD	07/30/2021

RECEIVING PARTY DATA

Name:	BANK OF AMERICA, N.A., AS COLLATERAL AGENT
Street Address:	GATEWAY VILLAGE-900 BUILDING, NC1-026-06-09, (MACLEGAL), 900 W TRADE ST
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255

PROPERTY NUMBERS Total: 96

Property Type	Number
Patent Number:	6896096
Patent Number:	9241206
Patent Number:	9609437
Patent Number:	9866967
Patent Number:	8526655
Patent Number:	7201252
Patent Number:	10244312
Patent Number:	7366318
Patent Number:	7510048
Patent Number:	D588108
Patent Number:	D640238
Patent Number:	D654056
Patent Number:	D641731
Patent Number:	D796471
Patent Number:	D818992
Patent Number:	10956114
Patent Number:	9763120
Patent Number:	9798554
Patent Number:	9806971

PATENT

Property Type	Number
Patent Number:	10390080
Patent Number:	9894409
Patent Number:	9973811
Patent Number:	10743059
Patent Number:	10200800
Patent Number:	10390141
Patent Number:	10296275
Patent Number:	10198230
Patent Number:	10296276
Patent Number:	10387094
Patent Number:	10452332
Patent Number:	10521177
Patent Number:	10198231
Patent Number:	10387095
Patent Number:	10198232
Patent Number:	10430031
Patent Number:	10387000
Patent Number:	9831962
Patent Number:	10298989
Patent Number:	10448091
Patent Number:	9860592
Patent Number:	10097881
Patent Number:	10085059
Patent Number:	9894541
Patent Number:	10200892
Patent Number:	10098023
Patent Number:	10117119
Patent Number:	10255032
Patent Number:	10241748
Patent Number:	10255033
Patent Number:	10296285
Patent Number:	10296286
Patent Number:	10120641
Patent Number:	10120642
Patent Number:	9891932
Patent Number:	10649716
Patent Number:	10552115
Patent Number:	10684817

Property Type	Number
Patent Number:	10296287
Patent Number:	10200737
Patent Number:	10484809
Patent Number:	10708691
Patent Number:	10531221
Patent Number:	10511906
Patent Number:	10524053
Patent Number:	10440473
Patent Number:	10623847
Patent Number:	10638338
Patent Number:	10649721
Patent Number:	10649722
Patent Number:	10846048
Patent Number:	10901684
Patent Number:	10509625
Patent Number:	10547949
Patent Number:	10812909
Patent Number:	D871327
Patent Number:	D879071
Patent Number:	D870068
Application Number:	15607614
Application Number:	15607617
Application Number:	16015690
Application Number:	16016489
Application Number:	16016526
Application Number:	16016533
Application Number:	16016539
Application Number:	16378466
Application Number:	16398170
Application Number:	16416189
Application Number:	16592264
Application Number:	16694344
Application Number:	16730369
Application Number:	16859338
Application Number:	16868473
Application Number:	15250929
Application Number:	15250931
Application Number:	15250933

Property Type	Number
Application Number:	15250941

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	1452042 PAT A1
NAME OF SUBMITTER:	THERESA VOLANO
SIGNATURE:	/Theresa Volano/
DATE SIGNED:	08/16/2021

Total Attachments: 15

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Patent Security Agreement”) dated as of July 30, 2021, is made by B & W GROUP LTD (the “Grantor”) in favor of BANK OF AMERICA, N.A. (“Bank of America”) as Collateral Agent (the “Collateral Agent”) for the Secured Parties. Capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Credit Agreement referred to below.

WHEREAS, DEI SALES, INC., a Florida corporation (the “Administrative Borrower”) and together with any Additional Borrowers from time to time party thereto, the “Borrowers”), DEI HOLDINGS, INC., a Florida corporation (“Parent”), and BANK OF AMERICA, N.A., as Administrative Agent, Collateral Agent, L/C Issuer and Swing Line Lender, each Lender from time to time party thereto (collectively, the “Lenders” and individually, a “Lender”) and each other party thereto have entered into the ABL Credit Agreement dated as of April 29, 2021 (the “Closing Date”) (as amended, restated, amended and restated, extended, supplemented or otherwise modified from time to time, the “Credit Agreement”), pursuant to which the Lenders have severally agreed to make Loans upon the terms and subject to the conditions therein.

WHEREAS, in connection with the Credit Agreement, the Grantor has entered into the UK Collateral Documents referred to therein in order to induce the Lenders to make Loans.

WHEREAS, under the terms of the Credit Agreement and the UK Collateral Documents, the Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain Intellectual Property of the Grantor, and has agreed as a condition thereof to execute this Patent Security Agreement for recording with the United States Patent and Trademark Office.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor agrees as follows:

SECTION 1. Grant of Security. The Grantor hereby grants to the Collateral Agent for the benefit of the Secured Parties a security interest in all of the Grantor’s right, title and interest in and to all issued and pending Patents (as defined in the UK Collateral Documents) in the United States Patent and Trademark Office, including those set forth in Schedule A hereto (the “Collateral”):

SECTION 2. Security for Obligations. The grant of a security interest in the Collateral by the Grantor under this Patent Security Agreement secures the payment of all Obligations of the Grantor now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, this Patent Security Agreement secures, as to the Grantor, the payment of all amounts that constitute part of the secured Obligations and that would be owed by the Grantor to any Secured Party under the Loan Documents but for the fact that such secured Obligations are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving a Loan Party.

SECTION 3. Recordation. This Patent Security Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The Grantor authorizes and requests that the Commissioner for Patents and the Commissioner for Trademarks record this Patent Security Agreement.

SECTION 4. Execution in Counterparts. This Patent Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart of a signature page to this Patent Security Agreement by facsimile or other electronic transmission (including “.pdf” or “.tif” files) shall be effective as delivery of an original executed counterpart of this Patent Security Agreement. The words "execution," "signed," "signature," and words of similar import in this Patent Security Agreement or any notice, certificate, document, agreement or instrument in respect thereof shall be deemed to include electronic or digital signatures or the keeping of records in electronic form, each of which shall be of the same effect, validity and enforceability as manually executed signatures or a paper-based recordkeeping system, as the case may be, to the extent and as provided for under applicable law, including the Electronic Signatures in Global and National Commerce Act of 2000, the Electronic Signatures and Records Act of 1999, or any other similar state Laws based on the Uniform Electronic Transactions Act.

SECTION 5. Grants, Rights and Remedies. This Patent Security Agreement has been entered into in conjunction with the provisions of the UK Collateral Documents. The Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the UK Collateral Documents, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

SECTION 6. Governing Law. This Patent Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

SECTION 7. Conflict. Notwithstanding any provision to the contrary in this Patent Security Agreement, in the event of any conflict or inconsistency between the provisions of the UK Collateral Documents and this Patent Security Agreement, the provisions of the UK Collateral Documents shall prevail.

SECTION 8. Severability. In case any one or more of the provisions contained in this Patent Security Agreement should be held invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein and in the UK Collateral Documents shall not in any way be affected or impaired thereby (it being understood that the invalidity of a particular provision in a particular jurisdiction shall not in and of itself affect the validity of such provision in any other jurisdiction). The parties hereto shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

[Signature Pages Follow]

IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

B & W GROUP LTD,
as the Grantor

By:  _____
Name: Scott St. Clair
Title: Director

BANK OF AMERICA, N.A.,
as Collateral Agent

By: Robert Bleichner
Name: Robert Bleichner
Title: Vice President

Signature Page to
ABL Patent Security Agreement
(B&W Group Ltd.)

PATENT
REEL: 057187 FRAME: 0579

[SCHEDULE A]

Patent No.	Country	Title	Application No.	Filing Date	Patent Issue Date	Renewal Date	Company
US6896096	USA	ACOUSTIC STRUCTURES	US10/333203	2012/12/06	3-Apr-17	6-Dec-20	B & W GROUP LTD
US9241206	USA	DECOUPLED DRIVE UNIT FOR A LOUD-SPEAKER ENCLOSURE	US14/362673	2001/07/21	24-May-05	-	B & W GROUP LTD
US9609437	USA	DIAPHRAGMS FOR LOUD-SPEAKER DRIVE UNITS	US14/428174	2012/12/06	19-Jan-16	19-Jul-23	B & W GROUP LTD
US9866967	USA	DIAPHRAGMS FOR LOUD-SPEAKER DRIVE UNITS	US15/431875	2013/07/31	28-Mar-17	28-Sep-20	B & W GROUP LTD
US8526655	USA	LOUDSPEAKER ENCLOSURES FOR MOUNTING IN AN APERTURE IN A CAVITY WALL	US12/872548	2017/02/14	9-Jan-18	9-Jul-21	B & W GROUP LTD
US7201252	USA	LOUDSPEAKER SYSTEMS	US10/490359	2010/08/31	3-Sep-13	3-Mar-21	B & W GROUP LTD
US10244312	USA	LOUDSPEAKERS	US15/031854	2002/09/12	10-Apr-07	-	B & W GROUP LTD
US7366318	USA	SUSPENSION FOR THE VOICE COIL OF A LOUDSPEAKER DRIVE UNIT	US10/526544	2014/10/23	26-Mar-19	26-Sep-22	B & W GROUP LTD
US7510048	USA	DIAPHRAGMS FOR LOUD-SPEAKER DRIVE UNITS	US10/560777	2003/09/01	29-Apr-08	-	B & W GROUP LTD

B&W Patent Applications

Country	Title	Application No.	Filing Date (yyyy/mm/dd)	Company
USA	PX HEADPHONES - DUAL ACOUSTIC PATH FOR BALANCE	US10/560777	2018/08/02	B & W GROUP LTD

Country	Title	Application No.	Filing Date (yyyy/mm/dd)	Company
	OF AUDIO AND PASSIVE ISOLATION			

Design Patents

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
D588108	USA	LOUDSPEAKER	29/287785	2007/9/19	10/03/2009	10/03/2023	B&W GROUP LTD
D640238	USA	LOUDSPEAKER	29/287958	2007/10/4	21/06/2011	21/06/2025	B&W GROUP LTD
D654056	USA	EARPHONE	29/361113	2010/5/5	14/02/2012	14/02/2026	B&W GROUP LTD
D641731	USA	SPEAKER	29/361117	2010/5/5	19/07/2011	19/07/2025	B&W GROUP LTD
D796471	USA	LOUDSPEAKER	29/524376	2015/4/20	05/09/2017	05/09/2031	B&W GROUP LTD
D818992	USA	LOUDSPEAKER	29/541058	2015/9/30	29/05/2018	29/05/2032	B&W GROUP LTD
10956114	USA	ENVIRONMENTAL CHARACTERIZATION BASED ON A CHANGE CONDITION	15/790000	2017/10/22	23/03/2021		B&W GROUP LTD
9763120	USA	REDUNDANT LINKS FOR RELIABLE COMMUNICATION	14/544343	2014/12/24	12/09/2017		B&W GROUP LTD
9798554	USA	TOUCH-SENSITIVE REMOTE CONTROL WITH VISUAL FEEDBACK	14/851398	2015/9/11	24/10/2017		B&W GROUP LTD
9806971	USA	RESTRICTED-SIGNAL CONFIRMATION FOR HIGH-	14/945424	2015/11/19	31/10/2017		B&W GROUP LTD

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		THROUGHPUT LINKS					
10390080	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/250927	2019/8/20	30/08/2016		B&W GROUP LTD
9894409	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/250928	2018/02/13	30/08/2016		B&W GROUP LTD
	USA	REPEATED COMMANDS BASED ON DEVICE-STATE INFORMATION	15/250929	2016/08/30			B&W GROUP LTD
	USA	REPEATED COMMANDS BASED ON DEVICE-STATE INFORMATION	15/250931	2016/08/30			B&W GROUP LTD
9973811	USA	DETERMINING DEVICE STATE USING A STATE-DETECTION CIRCUIT	15/250932	2016/08/30	15/05/2018		B&W GROUP LTD
	USA	DISPLAYING HDMI CONTENT IN A TILED WINDOW	15/250933	2016/08/30			B&W GROUP LTD
10743059	USA	DISPLAYING HDMI CONTENT AT AN ARBITRARY LOCATION	15/250936	2016/08/30	11/08/2020		B&W GROUP LTD
	USA	CASTING OF HDMI CONTENT	15/250941	2016/08/30			B&W GROUP LTD
10200800	USA	ACOUSTIC CHARACTERIZATION OF AN	15/425088	2016/02/06	05/02/2019		B&W GROUP LTD

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		UNKNOWN MICROPHONE					
10390141	USA	LOUDSPEAKER DIAPHRAGM	15/577333	2017/11/27	20/08/2019		B&W GROUP LTD
10296275	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/593261	2017/05/11	21/05/2019		B&W GROUP LTD
10198230	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/593268	2017/05/11	05/02/2019		B&W GROUP LTD
10296276	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/593282	2017/05/11	21/05/2019		B&W GROUP LTD
10387094	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/593284	2017/05/11	20/08/2019		B&W GROUP LTD
10452332	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/593287	2017/05/11	22/10/2019		B&W GROUP LTD
10521177	USA	USER INTERFACE BASED ON SYSTEM-STATE INFORMATION	15/593290	2017/05/11	31/12/2019		B&W GROUP LTD
10198231	USA	USER INTERFACE BASED ON SYSTEM-STATE INFORMATION	15/593293	2017/05/11	05/02/2019		B&W GROUP LTD
10387095	USA	USER INTERFACE BASED ON SYSTEM-STATE INFORMATION	15/593296	2017/05/11	20/08/2019		B&W GROUP LTD
10198232	USA	USER INTERFACE BASED	15/593300	2017/05/11	05/02/2019		B&W GROUP

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		ON SYSTEM-STATE INFORMATION					LTD
10430031	USA	DISPLAYING HDMI CONTENT IN A TILED WINDOW	15/593306	2017/05/11	01/10/2019		B&W GROUP LTD
10387000	USA	CHANGING HDMI CONTENT IN A TILED WINDOW	15/593307	2017/05/11	20/08/2019		B&W GROUP LTD
9831962	USA	ENVIRONMENT IDENTIFICATION BASED ON MULTIPLE PROXIMATE HUBS	15/607608	2017/05/29	28/11/2017		B&W GROUP LTD
10298989	USA	ENVIRONMENT IDENTIFICATION BASED ON MULTIPLE PROXIMATE HUBS	15/607610	2017/05/29	21/05/2019		B&W GROUP LTD
	USA	AUTOMATED IDENTIFICATION OF VIEWED CONTENT	15/607614	2017/05/29			B&W GROUP LTD
	USA	REPOSITIONING HDMI CONTENT BASED ON CONTENT CHANGES	15/607617	2017/05/29			B&W GROUP LTD
10448091	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/607619	2017/05/29	15/10/2019		B&W GROUP LTD
9860592	USA	USER INTERFACE BASED ON DEVICE-STATE IN-	15/607621	2017/05/29	02/01/2018		B&W GROUP LTD

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		FORMATION					
10097881	USA	DETERMINING DEVICE STATE USING STATE-DETECTION CIRCUIT	15/607624	2017/05/29	09/10/2018		B&W GROUP LTD
10085059	USA	DETERMINING DEVICE STATE USING STATE-DETECTION CIRCUIT	15/607626	2017/05/29	25/09/2018		B&W GROUP LTD
9894541	USA	REDUNDANT LINKS FOR RELIABLE COMMUNICATION	15/663820	2017/07/31	13/02/2018		B&W GROUP LTD
9894409	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/250928	2018/02/13	30/08/2016		B&W GROUP LTD
		REPEATED COMMANDS BASED ON DEVICE-STATE INFORMATION	15/250929	2016/08/30			B&W GROUP LTD
		REPEATED COMMANDS BASED ON DEVICE-STATE INFORMATION	15/250931				B&W GROUP LTD
9973811		DETERMINING DEVICE STATE USING A STATE-DETECTION CIRCUIT	15/250932	2016/08/30	15/05/2018		B&W GROUP LTD
	USA	DISPLAYING HDMI CONTENT IN A TILED WINDOW	15/250933	2016/08/30			B&W GROUP LTD
10743059	USA	DISPLAYING HDMI CON-	15/250936	2016/08/30	11/08/2020		B&W GROUP

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		TENT AT AN ARBITRARY LOCATION					LTD
	USA	CASTING OF HDMI CONTENT	15/250941	2016/08/30			B&W GROUP LTD
10200892	USA	REDUNDANT LINKS FOR RELIABLE COMMUNICATION	15/663821	2017/07/31	05/02/2019		B&W GROUP LTD
10098023	USA	REDUNDANT LINKS FOR RELIABLE COMMUNICATION	15/663824	2017/07/31	09/10/2018		B&W GROUP LTD
10117119	USA	REDUNDANT LINKS FOR RELIABLE COMMUNICATION	15/663828	2017/07/31	30/10/2018		B&W GROUP LTD
10255032	USA	WIRELESS COORDINATION OF AUDIO SOURCES	15/678043	2017/08/15	09/04/2019		B&W GROUP LTD
10241748	USA	SCHEDULE-BASED COORDINATION OF AUDIO SOURCES	15/678048	2017/08/15	26/03/2019		B&W GROUP LTD
10255033	USA	WIRELESS COORDINATION OF AUDIO PLAYBACK	15/678069	2017/08/15	09/04/2019		B&W GROUP LTD
10296285	USA	SOURCE COORDINATION OF AUDIO PLAYBACK	15/678072	2017/08/15	21/05/2019		B&W GROUP LTD
10296286	USA	MAINTAINING COORDINATION FOLLOWING A WIRELESS RESET	15/678078	2017/08/15	21/05/2019		B&W GROUP LTD
10120641	USA	SOFTWARE-ASSISTED	15/678083	2017/08/15	06/11/2018		B&W GROUP

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		WIRELESS COORDINATION OF AUDIO PLAYBACK					LTD
10120642	USA	SOFTWARE-ASSISTED WIRELESS COORDINATION OF AUDIO PLAYBACK	15/678087	2017/08/15	06/11/2018		B&W GROUP LTD
9891932	USA	TOUCH-SENSITIVE REMOTE CONTROL	15/706745	2017/09/17	13/02/2018		B&W GROUP LTD
10649716	USA	ACOUSTIC COORDINATION OF AUDIO SOURCES	15/790001	2017/10/22	12/05/2020		B&W GROUP LTD
10552115	USA	COORDINATION OF ACOUSTIC SOURCES BASED ON LOCATION	15/790003	2017/10/22	04/02/2020		B&W GROUP LTD
10684817	USA	AGGREGATION OF DEVICES BASED ON ACOUSTIC MONITORING	15/790012	2017/10/22	16/06/2020		B&W GROUP LTD
10296287	USA	EQUALIZATION BASED ON ACOUSTIC MONITORING	15/790013	2017/10/22	14/06/2018		B&W GROUP LTD
10200737	USA	USER INTERFACE BASED ON DEVICE-STATE INFORMATION	15/792762	2017/10/25	05/02/2019		B&W GROUP LTD
10484809	USA	CLOSED-LOOP ADAPTION OF 3D SOUND	16/015607	2018/06/22	19/11/2019		B&W GROUP LTD
10708691	USA	DYNAMIC EQUALIZATION IN A DIRECTIONAL	16/015643	2018/06/22	07/07/2020		B&W GROUP LTD

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		SPEAKER ARRAY					
	USA	VOLUME NORMALIZATION	16/015690	2018/06/22			B&W GROUP LTD
10531221	USA	AUTOMATIC ROOM FILLING	16/015781	2018/06/22	07/01/2020		B&W GROUP LTD
10511906	USA	DYNAMICALY ADAPTING SOUND BASED ON ENVIRONMENTAL CHARACTERIZATION	16/016451	2018/06/22	17/12/2019		B&W GROUP LTD
10524053	USA	DYNAMICALY ADAPTING SOUND BASED ON BACKGROUND SOUND	16/016469	2018/06/22	31/12/2019		B&W GROUP LTD
10440473	USA	AUTOMATIC DEBAFFLING	16/016481	2018/06/22	8/10/2019		B&W GROUP LTD
	USA	SOUND ADAPTION BASED ON CONTENT AND CONTEXT	16/016489	2018/06/22			B&W GROUP LTD
	USA	ACTIVE ROOM SHAPING AND NOISE CONTROL	16/016526	2018/06/22			B&W GROUP LTD
	USA	DYNAMIC CROSS-TALK CANCELLATION	16/016533	2018/06/22			B&W GROUP LTD
	USA	SELF-CONFIGURING SPEAKERS	16/016539	2018/06/22			B&W GROUP LTD
10623847	USA	HEADPHONE WITH MULTIPLE ACOUSTIC PATHS	16/053782	2018/08/02	14/04/2020		B&W GROUP LTD
10638338	USA	REDUNDANT LINKS FOR RELIABLE COMMUNICA-	16/221558	2018/12/16	28/04/2020		B&W GROUP LTD

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
		TION					
1064972 1	USA	WIRELESS COORDINATION OF AUDIO SOURCES	16/266099	2019/02/03	12/05/2020		B&W GROUP LTD
1064972 2	USA	SCHEDULE-BASED COORDINATION OF AUDIO SOURCES	16/266100	2019/02/03	12/05/2020		B&W GROUP LTD
1084604 8	USA	WIRELESS COORDINATION OF AUDIO PLAYBACK	16/266101	2019/02/03	24/11/2020		B&W GROUP LTD
1090168 4	USA	WIRELESS INTER-ROOM COORDINATION OF AUDIO PLAYBACK	16/369285	2019/03/29	26/01/2021		B&W GROUP LTD
	USA	SOURCE COORDINATION OF AUDIO PLAYBACK	16/378466	2019/04/08			B&W GROUP LTD
	USA	AUTOMATED PROGRAMMING OF A REMOTE CONTROL	16/398170	2019/04/29			B&W GROUP LTD
1050962 5	USA	MAINTAINING COORDINATION FOLLOWING A WIRELESS RESET	16/416188	2019/05/18	17/12/2019		B&W GROUP LTD
	USA	ASYMMETRIC SPEAKER-DRIVER DIAPHRAGM WITH INCREASED STIFFNESS	16/416189	2019/05/18			B&W GROUP LTD
1054794 9	USA	LOUDSPEAKER DIAPHRAGM	16/427261	2019/05/30	28/01/2020		B&W GROUP LTD

Design patent number	Country	Title	Application No.	Filing Date	Granted Date	Expiration Date	Applicant / Owner
	USA	CONTENT PLAYBACK SYSTEM	16/592264	2019/10/03			B&W GROUP LTD
	USA	CONTENT PLAYBACK SYSTEM	16/694344	2019/11/25			B&W GROUP LTD
10812909	USA	LOUDSPEAKER DIAPHRAGM	16/711429	2019/12/12	20/10/2020		B&W GROUP LTD
	USA	LOUDSPEAKER DIAPHRAGM	16/730369	2019/12/30			B&W GROUP LTD
	USA	REDUNDANT LINKS FOR RELIABLE COMMUNICATION	16/859338	2020/04/27			B&W GROUP LTD
	USA	WIRELESS COORDINATION OF AUDIO SOURCES	16/868473	2020/05/06			B&W GROUP LTD
D871327	USA	REMOTE CONTROL CHARGER	29/646634	2018/05/06	31/12/2019		B&W GROUP LTD
D879071	USA	LOUDSPEAKER ENCLOSURE	35/504916	2017/11/10	24/03/2020		B&W GROUP LTD
D870068	USA	HEADPHONE	35/505366	2018/01/25	17/12/2019		B&W GROUP LTD