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 13 Cyntec Company, Ltd.

14 UNITED STATES DISTRICT COURT  
 15 NORTHERN DISTRICT OF CALIFORNIA

16	CYNTEC COMPANY, LTD.,	)	
17		)	
18	Plaintiff,	)	CASE NO.:
19		)	
20	v.	)	
21		)	COMPLAINT FOR PATENT
22	CHILISIN ELECTRONICS CORP.,	)	INFRINGEMENT
23	CHILISIN AMERICA LTD.,	)	
24		)	
25	Defendants.	)	<b>JURY TRIAL DEMANDED</b>
26		)	
27		)	
28		)	

1 Pursuant to Section 1338 of Title 28 of the United States Code, Plaintiff Cyntec  
2 Company, Ltd. (“Plaintiff” or “Cyntec”) alleges for its Complaint against Chilisin Electronics  
3 Corp. and Chilisin America Ltd. (collectively “Chilisin” or “Defendants”), on personal  
4 knowledge as to Cyntec’s own actions and on information and belief as to the actions of others,  
5 as follows:

6 1. This Complaint arises under the patent laws of the United States, Title 35 of the  
7 United States Code. This Court has subject matter jurisdiction over this action under 35 U.S.C. §  
8 271 *et seq.*, 28 U.S.C. §§ 1331 and 1338(a).

9 **THE PARTIES**

10 2. Plaintiff Cyntec is a Taiwanese corporation with its principal place of business at  
11 2 R&D 2nd Road, Science-Based Industrial Park, Hsinchu 30076, Taiwan. Cyntec is one of the  
12 world’s leading manufacturers of power chokes.

13 3. Upon information and belief, Defendant Chilisin Electronics Corp. is a Taiwanese  
14 corporation having a principal place of business at No. 29, Lane 301, Tehhsin Road, Hosin,  
15 Hukou Hsinchu 303, Taiwan.

16 4. Defendant Chilisin America Ltd. is a California company having a principal place  
17 of business at 2880 Zanker Road, Suite 203, San Jose, CA 95134.

18 5. Defendants and their distributors operate sales offices in this State and District  
19 that sell the products alleged herein to infringe Cyntec’s Patents-in-Suit.

20 **JURISDICTION AND VENUE**

21 6. The Court may exercise personal jurisdiction over Defendants because  
22 Defendants have continuous and systematic contacts with the State of California and, on  
23 information and belief, do business in this District.

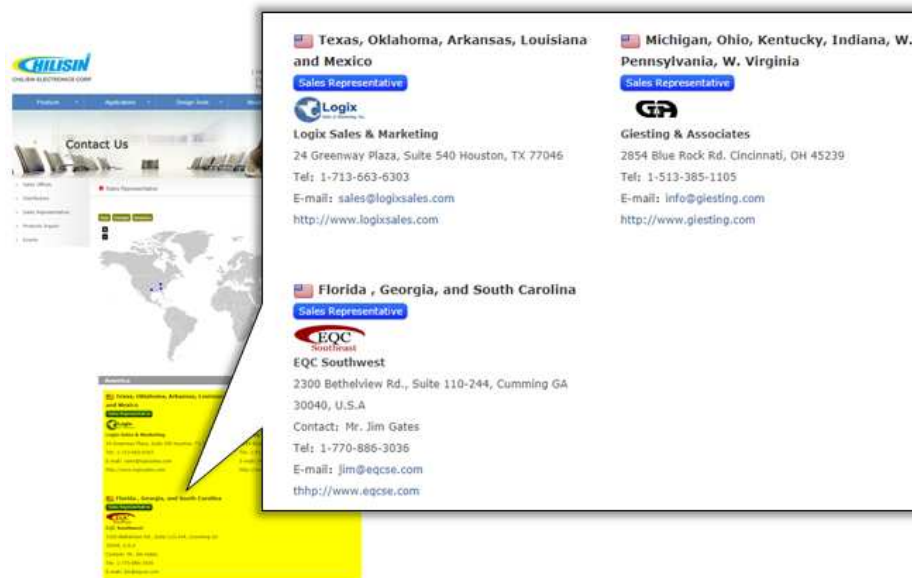
24 7. Defendants conduct business in this District by importing, marketing, offering for  
25 sale, and selling its infringing products in this District. For example, Chilisin America Ltd. sells  
26 infringing products in this District at 2880 Zanker Road, Suite 203, San Jose, CA 95134. *See*  
27  
28

1 Fig. 1 (excerpted and annotated).<sup>1</sup>



11 **Figure 1**

12 8. Upon information and belief, Chilisin Electronics Corp. directly sells infringing  
 13 power chokes in the United States, and in this District, using United States-based sales  
 14 representatives. See Figs. 1-2 (excerpted and annotated).<sup>2</sup>



26 **Figure 2**

27 <sup>1</sup> Figure 1 is available at <http://www.chilisin.com.tw/E/map.html?ctype=2> (last visited Jan. 29, 2018).

28 <sup>2</sup> Figure 2 is available at <http://www.chilisin.com.tw/E/map.html?ctype=4> (last visited Jan. 29, 2018).

1 9. Chilisin Electronics Corp. also knowingly sells infringing power chokes through  
2 Chilisin America Ltd. and its distributors, at least one of which has a location within this District  
3 at 4699 Old Ironsides Drive, Suite 190, Santa Clara, CA 95054. *See* Fig. 3 (Chilisin Elecs. Corp.  
4 website) (excerpted and annotated).<sup>3</sup>



14 **Figure 3**

15 10. Chilisin Electronics Corp. also sells infringing power chokes by accessing any of  
16 its distributor's websites in this District. *See, e.g.,* Fig. 4 (excerpted and annotated); *see also*  
17 Figs. 5-7 (showing the California Distributor website).<sup>4</sup>

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19  
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24 <sup>3</sup> Figure 3 is available at <http://www.chilisin.com.tw/E/map.html?ctype=3> (last visited Jan. 29, 2018); *see also* <https://www.masterelectronics.com/contact> (last visited Jan. 29, 2018).

25 <sup>4</sup> Figure 4 is available at <http://www.chilisin.com.tw/E/map.html?ctype=3> (last visited Jan. 29, 2018) Figure 5 is available at  
26 <https://www.masterelectronics.com/chilisin/hei201610a2r2mq8-48534419.html> (last visited Jan. 29, 2018); Figure 6 is available at  
27 <https://www.masterelectronics.com/chilisin/lvf252a122r2mn-44908498.html> (last visited Jan. 29, 2018); Figure 7 is available at  
28 <https://www.masterelectronics.com/chilisin/lvs4040184r7mn-48536626.html> (last visited Jan. 29, 2018).

The screenshot displays a website interface with a list of distributors on the left and a detailed view of six distributors on the right. The distributors are:

- Toronto Canada Distributor:** **electro sonic** Electro Sonic, 60 Renfrew Drive Markham ON L3R OE1, Tel: 1-800-567-6642, E-mail: info@e-sonic.com, https://www.e-sonic.com
- Nationwide, U.S.A. Distributor:** **AMERICA II ELECTRONICS** America II Electronics, Inc., 2600 118th Avenue North St. Petersburg, FL 33716, Tel: 1-727-573-0900, 1-800-767-2637 (Toll free), Fax: 1-727-572-9696, E-mail: sales@americaii.com, http://www.americaii.com/
- Florida U.S.A. Distributor:** **TJR GLOBAL** TJR Global, 620 E. Twiggs Street, Suite 110 Tampa, FL 33602, U.S.A., Tel: 1-813-574-2200, 1-800-607-1403 (Toll Free), Fax: 1-813-333-9710, E-mail: Sales@tjrglobal.com, http://www.tjrglobal.com/
- Nevada U.S.A. Distributor:** **onlinecomponents.com** Online Components U.S.A., 11125 S. Eastern Ave. Ste 120 Henderson, NV 89052 U.S.A., Tel: 1-888-906-8217, E-mail: cs@onlinecomponents.com, https://www.onlinecomponents.com/suppliers/chilisin-1301/
- Texas U.S.A. Distributor:** **TECAL ELECTRONICS, LLC** Tecal Electronics, LLC, 3209 Avenue E East, Arlington, TX 76011, U.S.A., Contact: Gerry Rodriguez, Tel: 1-800-798-1413 (Toll free), Fax: 1-817-649-9402, E-mail: sales@tecal-electronics.com, http://www.tecal-electronics.com/
- California U.S.A. Distributor:** **MASTER ELECTRONICS** Master Electronics, Contact: Local Contacts, Tel: 1-888-473-5297, http://www.masterelectronics.com/contact

Figure 4

The screenshot shows the Master Electronics website interface for the product HEI201610A-2R2M-Q8. The page includes a search bar, navigation menu, and product details:

- Product Name:** HEI201610A-2R2M-Q8
- Manufacturer:** Chilisin
- Description:** Power Choke Molded Multi-Layer 2.2uH 20% 2MHz 1.8A 135mOhm DCR 0806 T/R
- Availability:** In Stock : 260 Can Ship Tomorrow
- Lead-Time:** 9 weeks
- Ships From:** Phoenix, AZ
- Pricing (USD) Per Each:**

1	\$0.087
25	\$0.083
100	\$0.079
250	\$0.075
500	\$0.071
1,000	\$0.067
3,000 +	\$0.064
- Additional Info:** Data Sheet, RoHS Unknown, Package Type: Reel, Standard Factory Pack Size: 3000

Figure 5

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Contact Master Electronics | (888) 473-5297 Track My Order My Account English

Celebrating 50 Years 1967-2017 **MASTER ELECTRONICS**

Enter Part Number **SEARCH** Browse by Product

Home Company Info Line Card News Solutions Careers Contact Us

Home > All Products > Magnetics > Inductors > Inductor Surface Mount > LVF252A12-2R2M-N

**LVF252A12-2R2M-N**  
Chilisin  
Inductor Power Shielded Wirewound 2.2uH 20% 1MHz 1.62A  
80mOhm DCR 1008 T/R

Data Sheet  
RoHS Compliant

Package Type: Reel  
Standard Factory Pack Size: 2000

**Availability**  
In Stock : 3,950 Can Ship Tomorrow  
Lead-Time: 8 weeks  
Ships From: Phoenix, AZ

Quantity **ADD TO CART**

**Pricing (USD) Per Each**

1	\$0.167
25	\$0.150
100	\$0.137
250	\$0.126
500	\$0.114
1,000	\$0.075
2,000	\$0.070
4,000 +	\$0.066

\* Price Match Request

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**Figure 6**

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Contact Master Electronics | (888) 473-5297 Track My Order My Account English

Celebrating 50 Years 1967-2017 **MASTER ELECTRONICS**

Enter Part Number **SEARCH** Browse by Product

Home Company Info Line Card News Solutions Careers Contact Us

Home > All Products > Magnetics > Inductors > Inductor Surface Mount > LVS404018-4R7M-N

**LVS404018-4R7M-N**  
Chilisin  
Inductor Power Shielded Wirewound 4.7uH 20% 100KHz 1.53A  
90mOhm DCR 1515 T/R

Data Sheet  
RoHS Compliant

Package Type: Reel  
Standard Factory Pack Size: 800

**Availability**  
In Stock : 800 Can Ship Tomorrow  
Lead-Time: 8 weeks  
Ships From: Phoenix, AZ  
Minimum Order: 800 | Multiple: 800

Quantity **ADD TO CART**

**Pricing (USD) Per Each**

800	\$0.105
1,600	\$0.097
3,200	\$0.083
6,400 +	\$0.077

\* Price Match Request

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**Figure 7**

11. Chilisin Electronics Corp.'s United States-facing website also advertises and provides detailed technical datasheets for the individual products accused of infringement that are directed at the United States and this District. See Figs. 11, 13, below.

1 12. Chilisin Electronics Corp.’s United States-facing website also lists the Chilisin  
2 America Ltd. location as its “service site.” *See* [http://www.chilisin.com.tw/E/msg--md---pid-49-  
-id-414.html](http://www.chilisin.com.tw/E/msg--md---pid-49-<br/>3 -id-414.html) (last visited Jan. 29, 2018).

4 13. Because Defendants have availed themselves of the privileges of conducting  
5 activities in this District, Defendants are subject to personal jurisdiction in this District.

6 14. Chilisin Electronics Corp., a Taiwanese corporation, has committed acts of patent  
7 infringement in this District and continues to commit acts of infringement in this district.

8 15. Chilisin America Ltd. is incorporated in this State and has its principal place of  
9 business in this District at 2880 Zanker Road, Suite 203, San Jose, CA 95134; and therefore,  
10 resides in this District for the purposes of venue. Additionally, Chilisin America Ltd. has a  
11 regular and established place of business in this District at 2880 Zanker Road, Suite 203, San  
12 Jose, CA 95134, has committed acts of patent infringement in this District, and continues to  
13 commit acts of infringement in this district.

14 16. For at least the forgoing reasons, venue is proper in this judicial district pursuant  
15 to 28 U.S.C. §§ 1391(b), (c), (d), and/or 1400(b).

16 **FACTUAL BACKGROUND**

17 17. Cytotec brings this action to seek injunctive relief and damages arising out of  
18 Defendants’ infringement of Cytotec’s U.S. Patent Nos. 8,212,641; 8,922,312; 9,117,580; and  
19 9,481,037 (collectively “the Patents-in-Suit”).

20 **Cytotec**

21 18. Founded in 1991, Cytotec is a leader in the research and development of the  
22 miniaturized and highly integrated products. Cytotec staffs 335 engineers that have contributed  
23 to the development of a robust patent portfolio consisting of 328 patents. Cytotec’s research and  
24 development efforts have made Cytotec one of the world’s leading manufacturers of integrated  
25 products. Cytotec has a worldwide network of sales and technical support teams available in the  
26 United States, Asia, and Europe. Its product lines consist of power modules, passive  
27 components, and sensors which serve the appliance, automotive, computer, and communication  
28 industries.

1 19. Cyntec uses combinations of substrate materials (ceramic, glass, silicon material,  
2 etc.) and processing technologies (photolithography, thick film technologies) to produce passive  
3 components such as inductors, chip resistors, resistor arrays, and current sensors which provide  
4 the best design and performance solutions for the computer and communication products.

5 20. With expertise in miniaturization technology, including micro-powder molding  
6 and coil forming, Cyntec has developed and produced a complete series of high saturation  
7 current and low DCR surface mount molding type and hot pressing type power chokes.  
8



16 **Figure 8**

17 21. Specifically, a choke is an inductor used to block higher-frequency alternating  
18 current (AC) in an electrical circuit, while passing lower-frequency or direct current (DC). A  
19 choke usually consists of a coil of insulated wire often wound on a magnetic core, although some  
20 consist of a doughnut-shaped “bead” of ferrite material strung on a wire. The choke’s impedance  
21 increases with frequency. Its low electrical resistance passes both AC and DC with little power  
22 loss, but it can limit the amount of AC due to its reactance.  
23  
24  
25  
26  
27  
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Product Category List



Figure 9

22. Cyntec has received ISO9001 & ISO/TS 16949 international certification in recognition of its outstanding system and product quality, confirmed by the approvals and endorsements shown from several domestic and international Fortune 500 companies.

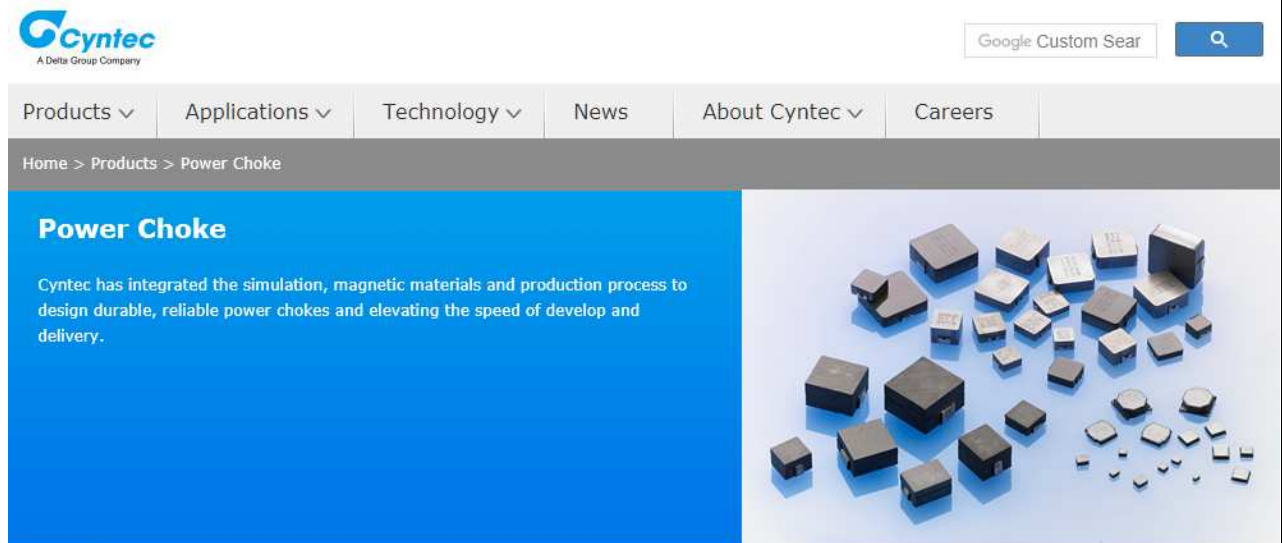


Figure 10

23. As the world's largest choke supplier, Cyntec's power choke manufacturing capacity stands at 1.2 billion units per month, and these products are widely used in computers, smartphones, LED lighting, and the automotive industry.

**The Commercial Power Choke Market**

24. The overall inductor market is expected to grow from USD \$3.01 billion in 2015 to USD \$3.94 billion by 2022. This market growth can be attributed to the increasing number of product launches and developments in the consumer electronics sector, rising demand for passive electronic components, growing use of inductors in automotive electronics, and increasing adoption of smart grids.

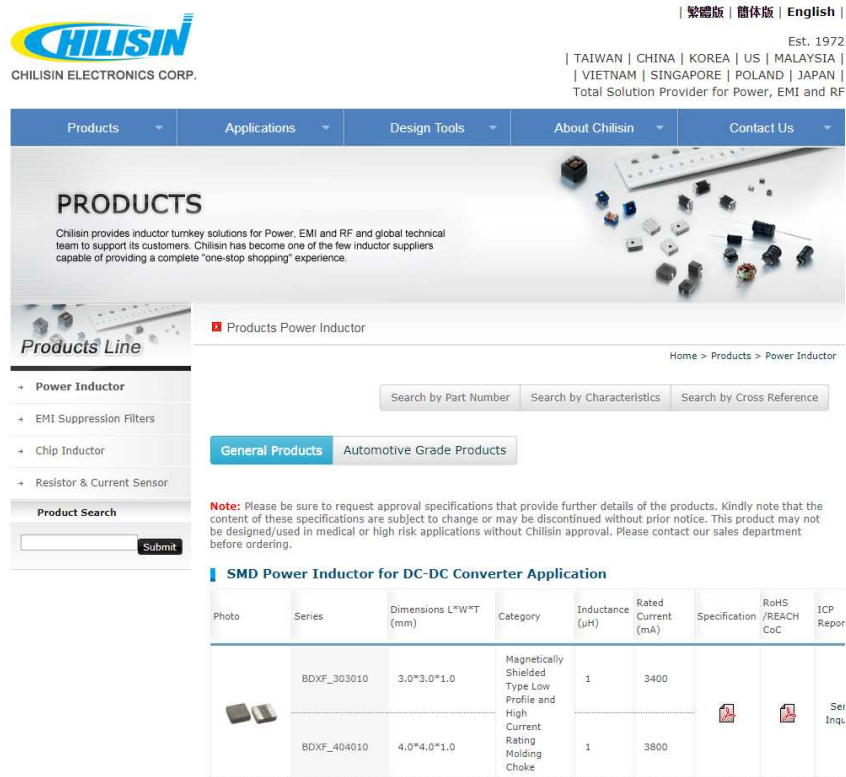
**Chilisin Electronics, Corp. and Chilisin America, Ltd.**

25. Defendant Chilisin Electronics Corp. is headquartered in Taiwan.

26. Defendant Chilisin America Ltd. is headquartered in San Jose, California.

27. Defendants tout themselves as a major supplier in the power choke industry. Defendants advertise on their United States-facing website that they provide inductor turnkey solutions for Power, EMI, and RF and maintain a global technical team to support its customers.

See Fig. 11.



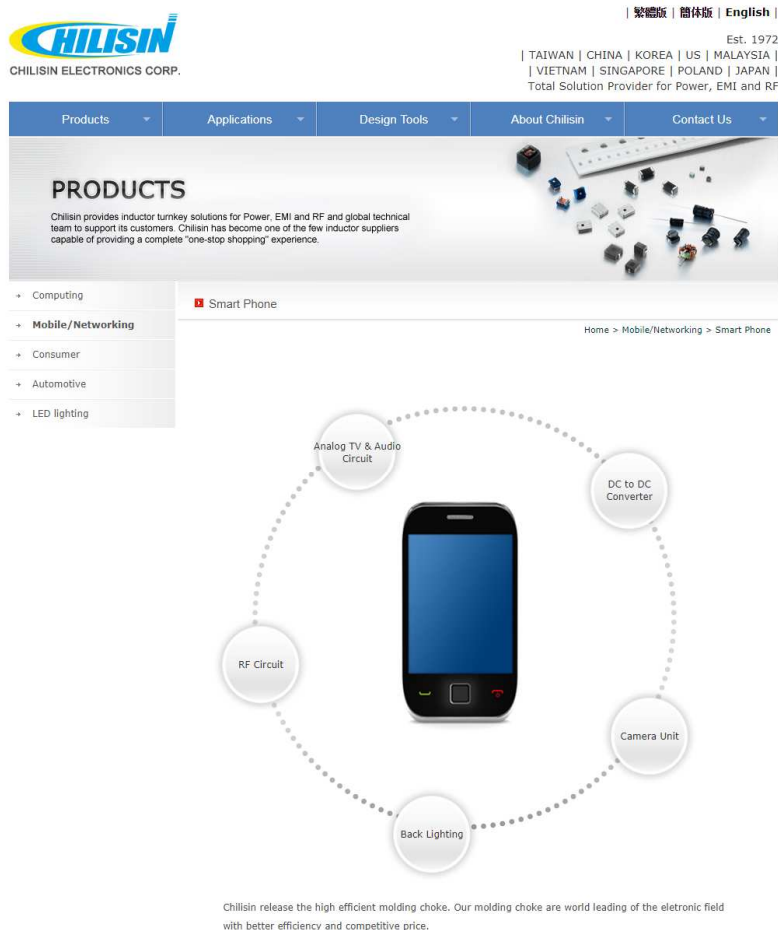
**Figure 11**

28. Upon information and belief, Defendant Chilisin Electronics Corp. manufactures infringing power chokes, including, but not limited to, selling the HEI, BDHE, HPPC, BMQ(x),

1 LVS, LVF, and BWV(x) series power chokes, and similar products (the “Accused Products”).

2 29. Defendants have, and continue to, offer for sale and sell, the Accused Products in  
 3 all 50 states within the Unites States, including within the Northern District of California.

4 30. Defendant Chilisin Electronics Corp. also has, and continues to, offer for sale and  
 5 sell, the Accused Products to be incorporated into electronic devices such as smartphones,  
 6 tablets, wearable devices, PC peripheral devices, and camcorders manufactured abroad and  
 7 imported into, sold, and used in the United States, and this District. *See, e.g.*, Figs. 12-13.



23 **Figure 12**

## Molding Power Inductors – BDHE Series

### BDHE Series



The BDHE Series is designed specifically to enhance both PFM and PWM application performance. Q(Rac) value at light load and the RDC value at heavy load are both exceptional. Furthermore, the saturated current performance is also optimal, helping to reduce the ripple current and enhance the efficiency.

#### Features

- RoHS, Halogen Free and REACH Compliance
- High Efficiency
- Excellent Q, RDC and saturation current
- Low profile and miniature size down to 1.6\*0.8\*0.8mm

#### Applications

- Smartphones, tablets and wearable devices
- HDD, SSD and PC peripheral devices
- DSC, camcorders
- PND
- DC/DC converters

**Figure 13**

### The Patents-in-Suit

31. The Patents-in-Suit represent key achievements of Cynotec's continuous research and development efforts. These patents relate to smaller and better performing power chokes and, as a result, help drive demand for Cynotec's products.

32. On July 3, 2012, the United States Patent and Trademark Office duly and legally issued U.S. Patent No. 8,212,641 ("the '641 patent"), entitled "Choke," to Tsung-Chan Wu, Roger Hsieh, Yi-Min Huang, and Lan-Chin Hsieh. Cynotec is the owner of the '641 patent. A true and correct copy of the '641 patent is attached hereto as Exhibit 1.

33. On December 30, 2014, the United States Patent and Trademark Office duly and legally issued U.S. Patent No. 8,922,312 ("the '312 patent"), entitled "Electronic Device and Manufacturing Method Thereof," to Wen-Hsiung Liao, Roger Hsieh, Hideo Ikuta, and Yueh-Lang Chen. Cynotec is the owner of the '312 patent. A true and correct copy of the '312 patent is attached hereto as Exhibit 2.

34. On August 25, 2015, the United States Patent and Trademark Office duly and legally issued U.S. Patent No. 9,117,580 ("the '580 patent"), entitled "Choke," to Tsung-Chan Wu, Roger Hsieh, Yi-Min Huang, Lan-Chin Hsieh, Yu-Ching Kuo, and Chia-Hui Lai. Cynotec is

1 the owner of the '580 patent. A true and correct copy of the '580 patent is attached hereto as  
2 Exhibit 3.

3 35. On November 1, 2016, the United States Patent and Trademark Office duly and  
4 legally issued U.S. Patent No. 9,481,037 (“the '037 patent”), entitled “Electronic Device and  
5 Manufacturing Method Thereof,” to Wen-Hsiung Liao, Roger Hsieh, Hideo Ikuta, and Yueh-  
6 Lang Chen. Cytotec is the owner of the '037 patent. A true and correct copy of the '037 patent is  
7 attached hereto as Exhibit 4.

8 36. Defendants infringe one or more claims of the Patents-in-Suit, literally or under  
9 the doctrine of equivalents, under 35 U.S.C. § 271(a)-(c), (g), as alleged below.

10 **Defendants’ Knowledge of the Patents-in-Suit**

11 37. Cytotec has directly communicated to both Defendants that the Accused Products  
12 infringe the Patents-in-Suit. Defendants had actual knowledge of the asserted Patents-in-Suit  
13 and/or their respective applications at least as of December 14, 2017. Despite this actual  
14 knowledge, and without communicating any theory of noninfringement as to at least two of the  
15 Patents-in-Suit or making any good-faith efforts to avoid infringing the Patents-in-Suit,  
16 Defendants continued to infringe, and profit from, the Accused Products. Defendants actively,  
17 knowingly, and intentionally manufacture, import, sell, and offer to sell the Accused Products  
18 that infringe the Patents-in-Suit.

19 **FIRST CAUSE OF ACTION**

20 **(Infringement of U.S. Patent No. 8,212,641)**

21 38. Cytotec realleges and incorporates by reference the allegations of all of the  
22 preceding paragraphs of the Complaint as though fully set forth herein.

23 39. Defendants have infringed, either literally and/or under the doctrine of  
24 equivalents, one or more claims of the '641 patent, and continue to infringe in this District, by  
25 making, using, selling, offering for sale, and/or importing into the United States products  
26 including, but not limited to, the LVS404018-4R7M-N power choke, without the permission of  
27 Cytotec. Defendants are thus liable for direct infringement of the '641 patent pursuant to 35  
28

1 U.S.C. § 271(a). A representative claim chart detailing Defendants' infringement of at least  
2 claim 1 of the '641 patent is attached as Exhibit 5.

3 40. Defendants both had pre-suit knowledge of the '641 patent and that the products  
4 identified herein infringe, either literally and/or under the doctrine of equivalents, one or more  
5 claims of the '641 patent. Defendants have knowingly and intentionally induced and encouraged  
6 the direct infringement of the '641 patent by Defendants' customers, resellers, retailers,  
7 distributors, and end users by intentionally directing them and encouraging them to make, use,  
8 sell, and/or offer to sell within the United States and/or to import into the United States one or  
9 more devices that embody the patented invention and that incorporate the Accused Products  
10 identified above. For example, and as evidenced above, with regards to Chilisin Electronics  
11 Corp., these actions include, but are not limited to: advertising the Accused Products;  
12 establishing distribution channels for these Accused Products; drafting, distributing, or making  
13 available datasheets, instructions, or manuals for the Accused Products; providing technical  
14 support or other services for the Accused Products to Defendants' customers and prospective  
15 customers; controlling Chilisin America Ltd.'s sale of the Accused Products; and/or  
16 affirmatively providing the Accused Products for incorporation into electronic devices imported  
17 into, sold, and used in the United States. For example and as evidenced above, with regards to  
18 Chilisin America Ltd., these actions include, but are not limited to: providing technical support  
19 or other services for the Accused Products to Defendants' customers and prospective customers.  
20 These third parties in fact have directly infringed the '641 patent in the United States by  
21 importing, making, using, offering to sell, and/or selling products containing, using, or  
22 incorporating the Accused Products. Defendants are therefore liable for indirect infringement of  
23 the '641 patent pursuant to 35 U.S.C. § 271(b).

24 41. Defendants both had pre-suit knowledge of the '641 patent and that the products  
25 identified infringe, either literally and/or under the doctrine of equivalents, one or more claims of  
26 the '641 patent. Defendants have and continue to contributorily infringe, and will continue to  
27 contributorily infringe, either literally and/or under the doctrine of equivalents, one or more  
28 claims of the '641 patent. Defendants have knowingly and intentionally contributorily infringed

1 the '641 patent by offering to sell, selling, and/or importing into the United States a component  
2 constituting a material part of the invention disclosed in the '641 patent, knowing the same to be  
3 made or adapted specifically for use in the infringement of the '641 patent, and not a staple  
4 article or commodity of commerce suitable for substantial non-infringing use. Defendants are  
5 therefore liable for indirect infringement of the '641 patent pursuant to 35 U.S.C. § 271(c).

6 42. Unless enjoined by this Court, Defendants will continue to infringe the '641  
7 patent, and Cytotec will continue to suffer irreparable harm for which there is no adequate  
8 remedy at law. Accordingly, Cytotec is entitled to preliminary and permanent injunctive relief  
9 against such infringement pursuant to 35 U.S.C. § 283.

10 43. Defendants acted in a manner that was willful, malicious, in bad-faith, deliberate,  
11 consciously wrongful, or flagrant. As a result of Defendants' infringement of the '641 patent,  
12 Cytotec has been and continues to be irreparably injured in its business and property rights, and is  
13 entitled to recover damages for such injuries pursuant to 35 U.S.C. § 284 in an amount to be  
14 determined at trial.

## 15 **SECOND CAUSE OF ACTION**

### 16 **(Infringement of U.S. Patent No. 8,922,312)**

17 44. Cytotec realleges and incorporates by reference the allegations of all of the  
18 preceding paragraphs of the Complaint as though fully set forth herein.

19 45. Defendants have infringed, either literally and/or under the doctrine of  
20 equivalents, one or more claims of the '312 patent, and continue to infringe in this District by  
21 making, using, selling, offering for sale, and/or importing into the United States products  
22 including, but not limited to, the HEI201610A-2R2M-Q8 power choke, without the permission  
23 of Cytotec. Defendants are thus liable for direct infringement of the '312 patent pursuant to 35  
24 U.S.C. § 271(a). A representative claim chart detailing Defendants' infringement of at least  
25 claim 1 of the '312 patent is attached as Exhibit 6.

26 46. Defendants both had pre-suit knowledge of the '312 patent and that the products  
27 identified herein infringe, either literally and/or under the doctrine of equivalents, one or more  
28 claims of the '312 patent. Defendants have knowingly and intentionally induced and encouraged

1 the direct infringement of the '312 patent by Defendants' customers, resellers, retailers,  
2 distributors, and end users by intentionally directing them and encouraging them to make, use,  
3 sell, and/or offer to sell within the United States, and/or to import into the United States, one or  
4 more devices that embody the patented invention, and that incorporate the Accused Products  
5 identified above. For example and as evidenced above, with regards to Chilisin Electronics  
6 Corp., these actions include, but are not limited to: advertising the Accused Products;  
7 establishing distribution channels for these Accused Products; drafting, distributing or making  
8 available datasheets, instructions, or manuals for the Accused Products; providing technical  
9 support or other services for the Accused Products to Defendants' customers and prospective  
10 customers; controlling Chilisin America Ltd.'s sale of the Accused Products; and/or  
11 affirmatively providing the Accused Products for incorporation into electronic devices imported  
12 into, sold, and used in the United States. For example and as evidenced above, with regards to  
13 Chilisin America Ltd., these actions include, but are not limited to: providing technical support  
14 or other services for the Accused Products to Defendants' customers and prospective customers.  
15 These third parties in fact have directly infringed the '312 patent in the United States by  
16 importing, making, using, offering to sell, and/or selling products containing, using, or  
17 incorporating the Accused Products. Defendants are therefore liable for indirect infringement of  
18 the '312 patent pursuant to 35 U.S.C. § 271(b).

19 47. Defendants both had pre-suit knowledge of the '312 patent and that the products  
20 identified infringe, either literally and/or under the doctrine of equivalents, one or more claims of  
21 the '312 patent. Defendants have and continue to contributorily infringe, and will continue to  
22 contributorily infringe, either literally and/or under the doctrine of equivalents, one or more  
23 claims of the '312 patent. Defendants have knowingly and intentionally contributorily infringed  
24 the '312 patent by offering to sell, selling, and/or importing into the United States a component  
25 constituting a material part of the invention disclosed in the '312 patent, knowing the same to be  
26 made or adapted specifically for use in the infringement of the '312 patent, and not a staple  
27 article or commodity of commerce suitable for substantial non-infringing use. Defendants are  
28 therefore liable for indirect infringement of the '312 patent pursuant to 35 U.S.C. § 271(c).



1 48. Unless enjoined by this Court, Defendants will continue to infringe the '312  
2 patent, and Cytotec will continue to suffer irreparable harm for which there is no adequate  
3 remedy at law. Accordingly, Cytotec is entitled to preliminary and permanent injunctive relief  
4 against such infringement pursuant to 35 U.S.C. § 283.

5 49. Defendants acted in a manner that was willful, malicious, in bad-faith, deliberate,  
6 consciously wrongful, or flagrant. As a result of Defendants' infringement of the '312 patent,  
7 Cytotec has been and continues to be irreparably injured in its business and property rights, and is  
8 entitled to recover damages for such injuries pursuant to 35 U.S.C. § 284 in an amount to be  
9 determined at trial.

10 **THIRD CAUSE OF ACTION**

11 **(Infringement of U.S. Patent No. 9,117,580)**

12 50. Cytotec realleges and incorporates by reference the allegations of all of the  
13 preceding paragraphs of the Complaint as though fully set forth herein.

14 51. Defendants have infringed, either literally and/or under the doctrine of  
15 equivalents, one or more claims of the '580 patent and continue to infringe in this District, by  
16 making, using, selling, offering for sale, and/or importing into the United States products  
17 including, but not limited to, the LVF252A12-2R2M-N power choke, without the permission of  
18 Cytotec. Defendants are thus liable for direct infringement of the '580 patent pursuant to 35  
19 U.S.C. § 271(a). A representative claim chart detailing Defendants' infringement of at least  
20 claim 1 of the '580 patent is attached as Exhibit 7.

21 52. Defendants both had pre-suit knowledge of the '580 patent and that the products  
22 identified herein infringe, either literally and/or under the doctrine of equivalents, one or more  
23 claims of the '580 patent. Defendants have knowingly and intentionally induced and encouraged  
24 the direct infringement of the '580 patent by Defendants' customers, resellers, retailers,  
25 distributors, and end users by intentionally directing them and encouraging them to make, use,  
26 sell, and/or offer to sell within the United States, and/or to import into the United States, one or  
27 more devices that embody the patented invention and that incorporate the Accused Products  
28 identified above. For example and as evidenced above, with regards to Chilisin Electronics

1 Corp., these actions include, but are not limited to: advertising the Accused Products;  
2 establishing distribution channels for these Accused Products; drafting, distributing or making  
3 available datasheets, instructions, or manuals for the Accused Products; providing technical  
4 support or other services for the Accused Products to Defendants' customers and prospective  
5 customers; controlling Chilisin America Ltd.'s sale of the Accused Products; and/or  
6 affirmatively providing the Accused Products for incorporation into electronic devices imported  
7 into, sold, and used in the United States. For example and as evidenced above, with regards to  
8 Chilisin America Ltd., these actions include, but are not limited to: providing technical support  
9 or other services for the Accused Products to Defendants' customers and prospective customers.  
10 These third parties in fact have directly infringed the '580 patent in the United States by making,  
11 using, offering to sell, and/or selling products containing, using, or incorporating the Accused  
12 Products. Defendants are therefore liable for indirect infringement of the '580 patent pursuant to  
13 35 U.S.C. § 271(b).

14 53. Defendants both had pre-suit knowledge of the '580 patent and that the products  
15 identified infringe, either literally and/or under the doctrine of equivalents, one or more claims of  
16 the '580 patent. Defendants have and continue to contributorily infringe, and will continue to  
17 contributorily infringe, either literally and/or under the doctrine of equivalents, one or more  
18 claims of the '580 patent. Defendants have knowingly and intentionally contributorily infringed  
19 the '580 patent by offering to sell, selling, and/or importing into the United States a component  
20 constituting a material part of the invention disclosed in the '580 patent, knowing the same to be  
21 made or adapted specifically for use in the infringement of the '580 patent, and not a staple  
22 article or commodity of commerce suitable for substantial non-infringing use. Defendants are  
23 therefore liable for indirect infringement of the '580 patent pursuant to 35 U.S.C. § 271(c).

24 54. Unless enjoined by this Court, Defendants will continue to infringe the '580  
25 patent, and Cytotec will continue to suffer irreparable harm for which there is no adequate  
26 remedy at law. Accordingly, Cytotec is entitled to preliminary and permanent injunctive relief  
27 against such infringement pursuant to 35 U.S.C. § 283.

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1 55. Defendants acted in a manner that was willful, malicious, in bad-faith, deliberate,  
2 consciously wrongful, or flagrant. As a result of Defendants' infringement of the '580 patent,  
3 Cyntec has been and continues to be irreparably injured in its business and property rights, and is  
4 entitled to recover damages for such injuries pursuant to 35 U.S.C. § 284 in an amount to be  
5 determined at trial.

6 **FOURTH CAUSE OF ACTION**

7 **(Infringement of U.S. Patent No. 9,481,037)**

8 56. Cyntec realleges and incorporates by reference the allegations of all of the  
9 preceding paragraphs of the Complaint as though fully set forth herein.

10 57. Upon information and belief, Defendants have infringed, either literally and/or  
11 under the doctrine of equivalents, one or more claims of the '037 patent and continue to infringe  
12 in this District, by using, selling, offering for sale, and/or importing into the United States  
13 products manufactured by the patented process including, but not limited to, the HEI201610A-  
14 2R2M-Q8 power choke, without the permission of Cyntec. The Accused Products identified  
15 above are neither materially changed by subsequent process nor a trivial or non-essential  
16 component of another product. Defendants are thus liable for direct infringement of the '037  
17 patent pursuant to 35 U.S.C. § 271(g). A representative claim chart detailing Defendants'  
18 infringement of at least claim 1 of the '037 patent is attached as Exhibit 8.

19 58. Defendants both had pre-suit knowledge of the '037 patent and that the products,  
20 or manufacture thereof, identified herein infringe, either literally and/or under the doctrine of  
21 equivalents, one or more claims of the '037 patent. Defendants have knowingly and  
22 intentionally induced and encouraged the direct infringement of the '037 patent by Defendants'  
23 customers, distributors resellers, retailers, and end users by intentionally directing them and  
24 encouraging them to make, use, sell, and/or offer to sell within the United States, and/or to  
25 import into the United States, one or more devices that embody the patented invention and that  
26 incorporate the Accused Products identified above. For example and as evidenced above, with  
27 regards to Chilisin Electronics Corp., these actions include, but are not limited to: advertising the  
28 Accused Products; establishing distribution channels for these Accused Products; drafting,

1 distributing or making available datasheets, instructions, or manuals for the Accused Products;  
2 providing technical support or other services for the Accused Products to Defendants' customers  
3 and prospective customers; controlling Chilisin America Ltd.'s sale of the Accused Products;  
4 and/or affirmatively providing the Accused Products for incorporation into electronic devices  
5 imported into, sold, and used in the United States. For example and as evidenced above, with  
6 regards to Chilisin America Ltd., these actions include, but are not limited to: providing technical  
7 support or other services for the Accused Products to Defendants' customers and prospective  
8 customers. These third parties in fact have directly infringed the '037 patent by importing, using,  
9 offering to sell, and/or selling products containing, using, or incorporating the Accused Products  
10 manufactured by the patented process. Defendants are therefore liable for indirect infringement  
11 of the '037 patent pursuant to 35 U.S.C. § 271(b).

12         59. Defendants both had pre-suit knowledge of the '037 patent and that the products  
13 identified infringe, either literally and/or under the doctrine of equivalents, one or more claims of  
14 the '037 patent. Defendants have and continue to contributorily infringe, and will continue to  
15 contributorily infringe, either literally and/or under the doctrine of equivalents, one or more  
16 claims of the '037 patent. Defendants have knowingly and intentionally contributorily infringed  
17 the '037 patent by offering to sell, selling, and/or importing into the United States a component  
18 constituting a material part of the invention disclosed in the '037 patent, knowing the same to be  
19 made or adapted specifically for use in the infringement of the '037 patent, and not a staple  
20 article or commodity of commerce suitable for substantial non-infringing use. Defendants are  
21 therefore liable for indirect infringement of the '037 patent pursuant to 35 U.S.C. § 271(c).

22         60. Unless enjoined by this Court, Defendants will continue to infringe the '037  
23 patent, and Cytotec will continue to suffer irreparable harm for which there is no adequate  
24 remedy at law. Accordingly, Cytotec is entitled to preliminary and permanent injunctive relief  
25 against such infringement pursuant to 35 U.S.C. § 283.

26         61. Defendants acted in a manner that was willful, malicious, in bad-faith, deliberate,  
27 consciously wrongful, or flagrant. As a result of Defendants' infringement of the '037 patent,  
28 Cytotec has been and continues to be irreparably injured in its business and property rights, and is

1 entitled to recover damages for such injuries pursuant to 35 U.S.C. § 284 in an amount to be  
2 determined at trial.

3 **PRAYER FOR RELIEF**

4 WHEREFORE, Plaintiff requests entry of judgment in its favor and against Defendants  
5 as follows:

6 a. That Defendants are liable for infringement, contributing to the infringement,  
7 and/or inducing the infringement of one or more claims of the Patents-in-Suit, as alleged herein;

8 b. That such infringement is willful;

9 c. That Defendants and their parents, subsidiaries, affiliates, successors,  
10 predecessors, assigns, and the officers, directors, agents, servants, and employees of each of the  
11 foregoing, customers and/or licensees, and those persons acting in concert or participation with  
12 any of them, are enjoined and restrained from continued infringement, including but not limited  
13 to using, making, importing, offering for sale and/or selling products that infringe, and from  
14 contributorily and/or inducing the infringement of the Patents-in-Suit prior to their expiration,  
15 including any extensions;

16 d. An Order directing Defendants to file with this Court and serve upon Plaintiff's  
17 counsel within 30 days after the entry of the Order of Injunction a report setting forth the manner  
18 and form in which Defendants have complied with the injunction;

19 e. An award of damages adequate to compensate Plaintiff for the infringement that  
20 has occurred, in accordance with 35 U.S.C. § 284, in lost profits, price erosion and/or reasonable  
21 royalty, including pre-judgment and post-judgment interest at the highest rates allowed by law;

22 f. An accounting and/or supplemental damages for all damages occurring after any  
23 discovery cutoff and through the Court's decision regarding the imposition of a permanent  
24 injunction;

25 g. An award of attorneys' fees based on this being an exceptional case pursuant to  
26 35 U.S.C. § 285, including prejudgment interest on such fees;

27 h. Costs and expenses in this action;

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i. Such other and further relief, in law and in equity, as this Court may deem just and appropriate.

Dated: Feburary 13, 2018

WILSON SONSINI GOODRICH & ROSATI  
Professional Corporation

By: /s/ James C. Yoon  
James C. Yoon

Attorney for Cyntec Company, Ltd.

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**DEMAND FOR JURY TRIAL**

Pursuant to Rule 38(b) of the Federal Rules of Civil Procedure, Plaintiff Cyntec Company, Ltd. demands a trial by jury of this action.

Dated: Feburary 13, 2018

WILSON SONSINI GOODRICH & ROSATI  
Professional Corporation

By: /s/ James C. Yoon  
James C. Yoon

Attorney for Cyntec Company, Ltd.