

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PAT1630068

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shanghai Langbo Communication Technology Co., Ltd.	10/30/2024

RECEIVING PARTY DATA

Company Name:	Bunker Hill Technologies LLC
Street Address:	812 W McDermott Dr # 1053
City:	Allen
State/Country:	TEXAS
Postal Code:	75013-6500

PROPERTY NUMBERS Total: 112

Property Type	Number
Application Number:	16662044
Application Number:	17720331
Application Number:	17971652
Application Number:	18592470
Application Number:	17035923
Application Number:	16833699
Application Number:	17967861
Application Number:	18217602
Application Number:	17023384
Application Number:	17083338
Application Number:	18383480
Application Number:	17084673
Application Number:	18241898
Application Number:	17165980
Application Number:	17082036
Application Number:	17979775
Application Number:	18509337
Application Number:	17088589
Application Number:	17168163
Application Number:	17235962

PATENT

Property Type	Number
Application Number:	17325231
Application Number:	16713007
Application Number:	17348778
Application Number:	16790759
Application Number:	16869614
Application Number:	17864438
Application Number:	18227327
Application Number:	17529297
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Application Number:	17845958
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Application Number:	16991061
Application Number:	17672724
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Application Number:	17737039
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Application Number:	17536075
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Application Number:	17542514
Application Number:	17547201
Application Number:	18231790
Application Number:	18236957

Property Type	Number
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Application Number:	17986901
Application Number:	18080756
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Application Number:	18098725
Application Number:	18212186
Application Number:	18225698
Application Number:	18368570
Application Number:	18508263
Application Number:	18509330
Application Number:	18520578

CORRESPONDENCE DATA

Fax Number: 4087736177

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: 8668774883

Email: patents@ascendalaw.com

Correspondent Name: Mr. Tarek N. Fahmi

Address Line 1: 2150 N. First Street, Suite 420

Address Line 4: San Jose, CALIFORNIA 95131

ATTORNEY DOCKET NUMBER:	5109-BHILL-GEN
NAME OF SUBMITTER:	Mrs. SARAH ZIZZO
SIGNATURE:	Mrs. SARAH ZIZZO
DATE SIGNED:	11/13/2024

Total Attachments: 17

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ASSIGNMENT AGREEMENT

This Assignment Agreement ("Assignment") is made effective as of the last date of its execution below ("Effective Date"), by and between Shanghai Langbo Communication Technology Co., Ltd., a Chinese Corporation ("Assignor"), and Bunker Hill Technologies, LLC, a Texas Limited Liability Company ("Assignee").

RECITALS:

WHEREAS, contemporaneously herewith, Assignor and Assignee are entering into a Patent Rights Purchase and Assignment Agreement (the "Agreement");

WHEREAS, pursuant to the Agreement, Assignor has agreed to assign to Assignee all of Assignor's right, title, and interest in and to the patents listed in EXHIBIT A (hereinafter referred to as the "Patents").

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor and Assignee hereby agree as follows:

ASSIGNMENT:

1. Subject to the encumbrances set forth in Exhibit C of the PATENT RIGHTS PURCHASE AND ASSIGNMENT AGREEMENT, Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, privilege, title and interest in, to and under the Patents and in the case of patent applications in and to any patents that may issue therefrom, including, in all instances, any counterparts of any of the foregoing in any jurisdiction throughout the world, and any and all divisions, continuations, reissues or reexaminations of any of the foregoing, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the inventions and the Patents under the laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages, royalties, income or other remuneration (hereinafter "Damages") by reason of past, present and future infringements of the Patents or other rights being assigned hereunder, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.

2. Insofar as this assignment concerns European patents and patent applications, Assignor does hereby declare that it is the owner of said Patents and that Assignor has assigned same, along with all rights and duties appurtenant thereto, to Assignee and agree that the assignment will be recorded in the register with the European Patent Office; and Assignee hereby declares that Assignee

has agreed to the assignment of the aforementioned Patents to it and that Assignee will simultaneously apply for recording of the assignment in the register with the European Patent Office.

3. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

4. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining the Patents in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.

5. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.

6. Assignor hereby acknowledges and agrees that all of the rights, title and interest in and to the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.

7. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

8. This Assignment is made upon the terms and conditions set forth in the Agreement and without any additional representations, warranties or undertakings of any kind.

The undersigned having read this Assignment and fully understanding the provisions of this Assignment, hereby executes this Assignment as of the Effective Date.

ASSIGNOR:

Shanghai Langbo Communication Technology Co., Ltd.

By: Lin Yang
Name: Lin Yang
Title: CEO
Date: 30/Oct./2024

State of Shanghai, P.R.China
County of Pudong District
This instrument was acknowledged before me on
30/Oct./2024 by Hurong XING, attorney of
Shanghai Best Integrity Intellectual Property Agency

(Seal) Hurong XING

ASSIGNEE: Bunker Hill Technologies LLC

By: David Pridham
Name: David Pridham
Title: CEO
Date: 11/13/24

State of Texas
County of Dallas
This instrument was acknowledged before me on
11/13/24 by Jennifer Childers

(Seal) Jennifer Childers

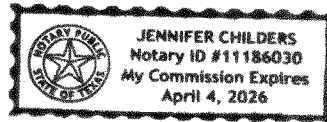


EXHIBIT A
PATENTS TO BE TRANSFERRED

Family No.	LANGBO No.	Country	App.No
1	20130007	CN	CN201310258269.5
2	20130019	CN	CN201310513526.5
3	20130028	CN	CN201310699979.1
4	20140020	CN	CN201410191488.0
5	20140028	CN	CN201410265213.7
6	20150024	CN	CN201510487661.6
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7	20160019	CN	CN201610290070.4
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8	20170043-PCT	WIPO	PCT/CN2017/081176
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	20170043-PCT-CN-DA2	CN	CN202111330238.7
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9	20170049	CN	CN201710307301.2
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	20170049-DA2	CN	CN202011394329.2
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11	20180085	CN	CN201810662243.X
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12	20180095	CN	CN201810803294.X
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13	20180099	CN	CN201810852866.3
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	20190128-PCT-US	US	US17/715020
88	20190129	CN	CN201911037170.6
89	20190130	CN	CN201911055271.6
90	20190132	CN	CN201911159432.6
	20190132-DA1	CN	CN202210510569.7
	20190132-DA2	CN	CN202210504894.2
	20190132-PCT	WIPO	PCT/CN2020/124692
	20190132-PCT-US	US	US17/743458
91	20190133	CN	CN201911046514.X
92	20190134	CN	CN201911074376.6
	20190134-DA1	CN	CN202211471074.4
	20190134-US	US	US17/019357
	20190134-US-DA1	US	US18/116850
93	20190135	CN	CN201911089595.1
	20190135-PCT	WIPO	PCT/CN2020/121094
	20190135-PCT-US	US	US17/732534
94	20190138	CN	CN201911135080.0
	20190138-DA1	CN	CN202210328625.5
	20190138-PCT	WIPO	PCT/CN2020/121085
	20190138-PCT-US	US	US17/735127
95	20190140	CN	CN201911090952.6
	20190140-DA1	CN	CN202210864149.9
	20190140-PCT	WIPO	PCT/CN2020/121363
	20190140-PCT-US	US	US17/737039
96	20190141	CN	CN201911115433.0
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	20190141-PCT	WIPO	PCT/CN2020/121368
	20190141-PCT-US	US	US17/735134
97	20190142	CN	CN201911115436.4
	20190142-PCT	WIPO	PCT/CN2020/121380
	20190142-PCT-US	US	US17/741486
98	20190145	CN	CN201911136310.5
99	20190151	CN	CN201911136306.9
	20190151-PCT	WIPO	PCT/CN2020/124713

	20190151-PCT-US	US	US17/744761
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	20190152-DA1	CN	CN202210448164.5
	20190152-PCT	WIPO	PCT/CN2020/125055
	20190152-PCT-US	US	US17/751702
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	20190156-DA1	CN	CN202210285884.4
	20190156-PCT	WIPO	PCT/CN2020/129818
	20190156-PCT-US	US	US17/848348
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104	20190163	CN	CN201911337263.0
105	20190168	CN	CN201911391268.1
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107	20200009	CN	CN202010028251.6
	20200009-DA1	CN	CN202211297893.1
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	20200010-DA1	CN	CN202210628329.7
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109	20200015	CN	CN202011494836.3
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	20200021-PCT-US	US	US17/359651
111	20200024	CN	CN202010071119.3
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	20200024-PCT-EP	EP	EP21700145.2
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	20200035-PCT-US	US	US17/458575
113	20200041	CN	CN202010091328.4
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	20200041-DA2	CN	CN202210504890.4
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	20200041-PCT-EP	EP	EP21704384.3
	20200041-PCT-IN	IN	IN202217049446
	20200041-PCT-US	US	US17/673759

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	20200048-PCT-US	US	US17/882618
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	20200053-PCT-US	US	US17/725575
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	20200101-PCT-US	US	US17/963182
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118	20200116	CN	CN202010391714.5
119	20200117	CN	CN202010396071.3
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	20200134.141-PCT-US	US	US17/978222
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128	20200146	CN	CN202010545685.3
129	20200151	CN	CN202010566341.0
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	20200112-DA1	CN	202311568531.6
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	20200112-US	US	17/978219
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132	20200156	CN	CN202010598759.X
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134	20200165	CN	CN202010694218.7
	20200165.173-PCT	WIPO	PCT/CN2021/101196
	20200165.173-PCT-US	US	US18/096572

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137	20200169	CN	CN202010686444.0
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	20200169-US-DA1	US	US18/097184
138	20200180	CN	CN202010739383.X
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139	20200182	CN	CN202010748144.0
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	20200182.187.196-US-DA1	US	US18/097174
	20200182.187.196-US-DA2	US	US18/367466
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142	20200189	CN	CN202010838540.2
143	20200191	CN	CN202010805410.9
	20200191.206-US	US	US17/394415
	20200191.206-US-DA1	US	US18/093819
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	20200203-PCT-US	US	US18/099248
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	20200232.244-PCT-US	US	US18/131882
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	20200250-PCT-EP	EP	EP21888614.1
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	20200261-PCT-US	US	US18/201766
158	20200266	CN	CN202011370801.9
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159	20200267	CN	CN202011389301.X
	20200267-PCT	WIPO	PCT/CN2021/134696
	20200267-PCT-US	US	US18/140624
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161	20200276	CN	CN202011433032.2
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162	20200285	CN	CN202011532905.5
163	20200288	CN	CN202011577708.5
164	20200295	CN	CN202011630911.4
165	20210003	CN	CN202110023637.2
166	20210028.35-PCT	WIPO	PCT/CN2022/075818
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	20210028.35-PCT-US	US	US18/231790
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168	20210061	CN	CN202110345666.0
169	20210066	CN	CN202110380791.5
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	20210066-PCT-US	US	US18/236957
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171	20210080	CN	CN202110459838.7
172	20210082	CN	CN202110479474.9
173	20210091	CN	CN202110537270.6
174	20210095	CN	CN202110550033.3
175	20210099	CN	CN202110566282.1
176	20210100	CN	CN202111324975.6
177	20210101	CN	CN202110585225.8
	20210101-US	US	US17/751707
178	20210104	CN	CN202110598044.9
179	20210113	CN	CN202110690142.5
180	20210117	CN	CN202110719734.5
	20210117-PCT	WIPO	PCT/CN2022/100952
	20210117-PCT-US	US	US18/539309
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	20210149-US	US	US17/878066
184	20210165	CN	CN202111034777.6
	20210165-PCT	WIPO	PCT/CN2022/116022
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	20210182-PCT-US	US	US18/434755
186	20210183	CN	CN202111133366.2
	20210183-PCT	WIPO	PCT/CN2022/120897
	20210183-PCT-CN	CN	202280007349.0
187	20210193	CN	CN202111181439.5
188	20210196	CN	CN202111207709.5
189	20210201	CN	CN202111246083.9
	20210201-PCT	WIPO	PCT/CN2022/127294
	20210201-PCT-US	US	US18/113596
190	20210206	CN	CN202111314627.0
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	20210216-US	US	US17/985113
192	20210219	CN	CN202111344590.6
	20210219-US	US	US17/986901
193	20210220	CN	CN202111368650.8
194	20210223	CN	CN202111381415.4
195	20210225	CN	CN202111385153.9
196	20210242	CN	CN202111540698.2
	20210242-US	US	US18/080756
197	20210243	CN	CN202111549610.3
198	20210249	CN	CN202111646365.8
199	20210252	CN	CN202111663989.0
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	20220008-US	US	US18/097468
201	20220013	CN	CN202210078084.5
	20220013-US	US	US18/098725
202	20220035	CN	CN202210193458.8
203	20220044	CN	CN202210249357.8
	20220044-PCT	WIPO	PCT/CN2023/081198
204	20220058	CN	CN202210347302.0
	20220058-PCT	WIPO	PCT/CN2023/085838
205	20220086	CN	CN202210512983.1
	20220086-PCT	WIPO	PCT/CN2023/091022

206	20220093	CN	CN202210534621.2
	20220093-PCT	WIPO	PCT/CN2023/094099
207	20220094	CN	CN202210552847.5
	20220094-PCT	WIPO	PCT/CN2023/094100
208	20220100	CN	CN202210584437.9
	20220100-PCT	WIPO	PCT/CN2023/095492
209	20220126	CN	CN202210735692.9
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210	20220153	CN	CN202210961156.0
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	20220153-PCT	WIPO	PCT/CN2023/109135
211	20220158	CN	CN202210916297.0
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212	20220164	CN	CN202210958255.3
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213	20220170	CN	CN202210945343.X
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214	20220172	CN	CN202210961211.6
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215	20220174	CN	CN202210963689.2
	20220174-PCT	WIPO	PCT/CN2023/111368
216	20220180	CN	CN202210978886.1
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217	20220187	CN	CN202211046041.5
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218	20220188	CN	CN202211046022.2
219	20220190	CN	CN202211062028.9
	20220190-PCT	WIPO	PCT/CN2023/115172
220	20220199	CN	CN202211100216.6
	20220199-PCT	WIPO	PCT/CN2023/116658
221	20220201	CN	CN202211103467.X
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222	20220215	CN	CN202211168769.5
	20220215-PCT	WIPO	PCT/CN2023/119886
223	20220219	CN	CN202211183072.5
	20220219-PCT	WIPO	PCT/CN2023/121320
224	20220223	CN	CN202211192219.7
	20220223-US	US	US18/368570
225	20220229	CN	CN202211252660.X
	20220229-PCT	WIPO	PCT/CN2023/123478
226	20220234	CN	CN202211293853.X

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227	20220243	CN	202211344907.0
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228	20220252	CN	202211379409.X
229	20220259	CN	202211428176.8
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230	20220263	CN	202211434763.8
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231	20220267	CN	202211467979.4
232	20220274	CN	202211521628.7
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