

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been
filed in the U.S. District Court Eastern District of Texas on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:26-cv-00052	DATE FILED 1/1/1900	U.S. DISTRICT COURT Eastern District of Texas
PLAINTIFF ROKFORM LLC; ROKFORM IP LLC		DEFENDANT SHENZHEN TORRAS TECHNOLOGY CO., LTD.; SHENZHEN LECHUANG TIANCHENG TECHNOLOGY CO., LTD.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 11,775,019	10/3/2023	Rokform IP LLC
2		
3		
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5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:26-cv-00050	DATE FILED 1/22/2026	U.S. DISTRICT COURT Eastern District of Texas
PLAINTIFF ROKFORM LLC; ROKFORM IP LLC		DEFENDANT SHENZHEN RUIXIN DIGITAL TECHNOLOGY CO., LTD.; SHANGHAI KUKE NETWORK TECHNOLOGY CO., LTD.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 11,775,019	10/3/2023	Rokform IP LLC
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☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT Eastern District of Texas
PLAINTIFF Rokform LLC, Rokform IP LLC		DEFENDANT Annex Products Pty. Ltd.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 8,708,151	4/29/2014	Rokform IP LLC
2 9,383,774	7/5/2016	Rokform IP LLC
3 9,592,871	3/14/2017	Rokform IP LLC
4 10,112,670	10/30/2018	Rokform IP LLC
5		Additional patents appended in page below.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT DISMISSING CASE WITH PREJUDICE.

CLERK <i>David A. O'Poole</i>	(BY) DEPUTY CLERK <i>Michael James</i>	DATE 10/10/2025
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
10,864,956	12/15/2020	Rokform IP LLC
11,775,019	10/3/2023	Rokform IP LLC
12,250,333	3/11/2025	Rokform IP LLC

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11,775,019	10/3/2023	Rokform IP LLC
12,250,333	3/11/2025	Rokform IP LLC



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153
20995	7590	10/03/2023		
KNOBBE MARTENS OLSON & BEAR LLP			EXAMINER	
2040 MAIN STREET			COLLINS, RAVEN	
FOURTEENTH FLOOR				
IRVINE, CA 92614				
			ART UNIT	PAPER NUMBER
			3735	
			NOTIFICATION DATE	DELIVERY MODE
			10/03/2023	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

cassie.wolf@knobbe.com
efiling@knobbe.com



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.
17/118,371	03-Oct-2023	11775019

KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
IRVINE, CA 92614

EGRANT NOTIFICATION

Your electronic patent grant (eGrant) is now available, which can be accessed via Patent Center at <https://patentcenter.uspto.gov>

The electronic patent grant is the official patent grant under 35 U.S.C. 153. For more information, please visit <https://www.uspto.gov/electronicgrants>



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	10/03/2023	11775019	ROK.019C6	7153

20995 7590 09/13/2023
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at <https://patentcenter.uspto.gov/>. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at <https://certifiedcopycenter.uspto.gov/index.html>. The Certified Copy Center may be reached at (800)972-6382.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 9 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Center (<https://patentcenter.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional inventors):

Jeff Whitten, Irvine, CA;
Bernhard Leitner, Mission Viejo, CA;
Craig Erion, Lemon Heights, CA;

APPLICANT(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional applicants):

ROKFORM IP LLC, Irvine, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit [SelectUSA.gov](https://selectusa.gov).

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	17/118371	
	Filing Date	December 10, 2020	
	First Named Inventor	Whitten, Jeff	
	Art Unit	3735	
(Multiple sheets used when necessary)		Examiner	Raven Collins
SHEET 1 OF 1		Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	D852,681	07-02-2019	Peters et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	2	AU 201817027 S	01-03-2019	Annex Products Pty. Ltd.		
	3	AU 201817028 S	01-03-2019	Annex Products Pty. Ltd.		
	4	AU 201817029 S	01-03-2019	Annex Products Pty. Ltd.		
	5	CN 204785421 U	11-18-2015	Enix Products Pte. Ltd.		X
	6	CN 303239699 S	06-10-2015	Peters, Christopher		X
	7	EM EU 005832789	01-24-2019	Annex Products Pty. Ltd.		
	8	EM EU 005832813	01-21-2019	Annex Products Pty. Ltd.		
	9	EM EU 005832854	03-04-2019	Annex Products Pty. Ltd.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

56609535

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C/

Examiner Signature	/RAVEN COLLINS/	Date Considered	12/16/2022
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

T¹ - Place a check mark in this area when an English language Translation is attached.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
08/22/2023 02:47:46 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY J ennifer Balicki

PATENT CENTER # 62656421

FILING DATE 12/10/2020

CUSTOMER # 20995

FIRST NAMED
INVENTOR J eff Whitten

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Paige Cappelli

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
Comments - ROK.019C6.pdf	1	Miscellaneous Incoming Letter	77 KB
Issue Fee Transmittal - ROK.019C6.pdf	1	Issue Fee Payment (PTO-85B)	122 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
Comments - ROK.019C6.pdf	905825D038B836D030E5B2878FC8EF68B4072D454603616F1F D9456940A24CF9714922C6BEBF93B06AAA342F2FB3D0393C7 2C6F10ED62B94E0A30C7ECDF508EC

Issue Fee Transmittal -
ROK.019C6.pdf

0C63C9F8B99AF8CA5226D55C1334A4030E083A282841C0C48
9417D1FF0A25781228F95AC6A597BCCEAD76FF98E3233B457
C4FA2DE36DF3E2736A6D2DF096D511

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

First Inventor: Whitten, Jeff	Conf. No.: 7153
App. No.: 17/118371	Filed: December 10, 2020
Examiner: Colins, Raven	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

Mail Stop Issue Fee

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Commissioner:

Applicant thanks the Examiner for indicating that Claims 16-18, 20-24, 34, and 36-43 are allowed. Although the Examiner has not provided specific reasons for allowance with the Notice of Allowance dated June 8, 2023, Applicant agrees that the claimed subject matter is patentable, and respectfully submits that additional recitations in the independent and/or dependent claims, and the combinations thereof with other recitations in these claims, also provide patentable distinctions. Applicant does not waive its rights with respect to arguments that the claims are patentable for such reasons not explicitly recited by the Examiner by not further addressing such reasons herein.

Additionally, Applicant respectfully submits that the claims recite various combinations of features, and each combination is independently patentable. Any remarks in support of patentability of one claim should not be imputed to any other claim, including claims in other applications, even if similar terminology is used.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: August 22, 2023

By: /Paige Cappelli/

Paige Cappelli

Registration No. 79,142

Registered Practitioner

(202) 640-6400

-1-



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
08/22/2023 02:47:46 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY J ennifer Balicki

PATENT CENTER # 62656421

AUTHORIZED BY Paige Cappelli

CUSTOMER # 20995

FILING DATE 12/10/2020

CORRESPONDENCE ADDRESS -

FIRST NAMED INVENTOR J eff Whitten

Payment Information

PAYMENT METHOD
CARD / 2549

PAYMENT TRANSACTION ID
E20238LE49168109

PAYMENT AUTHORIZED BY
Aimee Kazan

PRE-AUTHORIZED ACCOUNT
111410

PRE-AUTHORIZED CATEGORY
37 CFR 1.16 (National application filing, search, and examination fees); 37
CFR 1.17 (Patent application and reexamination processing fees)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2501	UTILITY ISSUE FEE	480.00	1	480.00
TOTAL AMOUNT:				\$480.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

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New International Application Filed with the USPTO as a Receiving Office

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

20995 7590 06/08/2023
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153

TITLE OF INVENTION: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	09/08/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
COLLINS, RAVEN	3735	206-320000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 Knobe, Martens, Olson & Bear, LLP

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2

3

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

RokForm IP LLC

Irvine, CA

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 111410

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Paige Cappelli/

Date 8/22/23

Typed or printed name Paige Cappelli

Registration No. 79,142



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	R0K.019C6	7153
20995	7590	06/22/2023	EXAMINER	
KNOBBE MARTENS OLSON & BEAR LLP			COLLINS, RAVEN	
2040 MAIN STREET			ART UNIT	PAPER NUMBER
FOURTEENTH FLOOR			3735	
IRVINE, CA 92614			NOTIFICATION DATE	DELIVERY MODE
			06/22/2023	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

cassie.wolf@knobbe.com
efiling@knobbe.com

Corrected Notice of Allowability	Application No. 17/118,371	Applicant(s) Whitten et al.	
	Examiner RAVEN COLLINS	Art Unit 3735	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/22/2023.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are See Continuation Sheet. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov**.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____ 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____	5. ☐ Examiner's Amendment/Comment 6. ☐ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____
--	--

/RAVEN COLLINS/ Examiner, Art Unit 3735	/Anthony D Stashick/ Supervisory Patent Examiner, Art Unit 3735
--	--

Continuation of 3. The allowed claim(s) is/are: 16-18,20-24,34 and 36-43



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

20995 7590 06/08/2023
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

EXAMINER	
COLLINS, RAVEN	
ART UNIT	PAPER NUMBER
3735	

DATE MAILED: 06/08/2023

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153

TITLE OF INVENTION: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	09/08/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

20995 7590 06/08/2023
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153

TITLE OF INVENTION: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	09/08/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
COLLINS, RAVEN	3735	206-320000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153
20995	7590	06/08/2023	EXAMINER	
KNOBBE MARTENS OLSON & BEAR LLP			COLLINS, RAVEN	
2040 MAIN STREET			ART UNIT	
FOURTEENTH FLOOR			PAPER NUMBER	
IRVINE, CA 92614			3735	
DATE MAILED: 06/08/2023				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 17/118,371	Applicant(s) Whitten et al.	
	Examiner RAVEN COLLINS	Art Unit 3735	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/22/2023.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 16-24,34 and 36-43. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
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5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

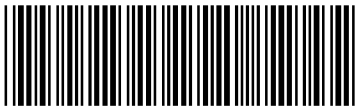
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

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Attachment(s)

1. ☐ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____ 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____	5. ☐ Examiner's Amendment/Comment 6. ☐ Examiner's Statement of Reasons for Allowance 7. ☒ Other <u>pto 2323</u> .
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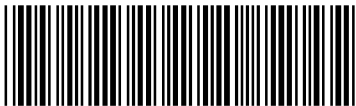
/RAVEN COLLINS/ Examiner, Art Unit 3735	/Anthony D Stashick/ Supervisory Patent Examiner, Art Unit 3735
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Issue Classification 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.	
	Examiner RAVEN COLLINS	Art Unit 3735	

CPC						
Symbol					Type	Version
G06F	/	1	/	1656	F	2013-01-01
H04B	/	1	/	3888	I	2013-01-01
B62J	/	9	/	21	I	2020-02-01
G06F	/	1	/	1633	I	2013-01-01
A45C	/	11	/	00	I	2013-01-01
F16B	/	1	/	00	I	2013-01-01
F16B	/	3	/	00	I	2013-01-01
F16B	/	47	/	003	I	2013-01-01
F16M	/	13	/	022	I	2013-01-01
G06F	/	2200	/	1633	A	2013-01-01
B62J	/	45	/	00	A	2020-02-01
A45C	/	2011	/	001	A	2013-01-01
A45C	/	2011	/	002	A	2013-01-01
A45C	/	2011	/	003	A	2013-01-01
F16B	/	2001	/	0035	A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version
/				

/RAVEN COLLINS/ Examiner, Art Unit 3735 (Assistant Examiner)	31 May 2023 (Date)	Total Claims Allowed: 17	
/Anthony D Stashick/ Supervisory Patent Examiner, Art Unit 3735 (Primary Examiner)	01 June 2023 (Date)	O.G. Print Claim(s) 16	O.G. Print Figure 1,8c

Issue Classification 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.	
	Examiner RAVEN COLLINS	Art Unit 3735	

INTERNATIONAL CLASSIFICATION			
CLAIMED			
G06F1/16	/	1	/ 16
A45C11/00	/	11	/ 00

NON-CLAIMED			
H04B1/3888	/	1	/ 3888
B62J9/21	/	9	/ 21
F16B1/00	/	1	/ 00
F16B3/00	/	3	/ 00
F16B47/00	/	47	/ 00
F16M13/02	/	13	/ 02
B62J45/00	/	45	/ 00

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				

/RAVEN COLLINS/ Examiner, Art Unit 3735 (Assistant Examiner)	31 May 2023 (Date)	Total Claims Allowed: 17	
/Anthony D Stashick/ Supervisory Patent Examiner, Art Unit 3735 (Primary Examiner)	01 June 2023 (Date)	O.G. Print Claim(s) 16	O.G. Print Figure 1,8c

Issue Classification 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original

/RAVEN COLLINS/ Examiner, Art Unit 3735 (Assistant Examiner)	31 May 2023 (Date)	Total Claims Allowed: 17	
/Anthony D Stashick/ Supervisory Patent Examiner, Art Unit 3735 (Primary Examiner)	01 June 2023 (Date)	O.G. Print Claim(s) 16	O.G. Print Figure 1,8c

<i>Search Notes</i> 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
A45C 2011/001-003	03/16/2022	RC
B62J 7/06	03/16/2022	RC

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
206	320	03/16/2022	RC
	updated search	03/22/2023	RC

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
cpc, class and text search	03/16/2022	RC

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	cpc and class search of patents and pg pubs noted in the search section above	05/31/2023	RC

/RAVEN COLLINS/ Examiner, Art Unit 3735	
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AFCP 2.0 Decision

Application No.

17/118,371

Applicant(s)

Whitten et al.

Examiner

RAVEN COLLINS

Art Unit

3735

AIA (FITF) Status

No

This is in response to the After Final Consideration Pilot request filed 22 May 2023.

1. **Improper Request** – The AFCP 2.0 request is improper for the following reason(s) and the after final amendment submitted with the request will be treated under pre-pilot procedure.

- ☐ An AFCP 2.0 request form PTO/SB/434 (or equivalent document) was not submitted.
- ☐ A non-broadening amendment to at least one independent claim was not submitted.
- ☐ The request is not the first proper AFCP 2.0 request submitted in response to the most recent final rejection.
- ☐ Other: _____

2. Proper Request

A. After final amendment submitted with the request will not be treated under AFCP 2.0.

The after final amendment cannot be reviewed and a search conducted within the guidelines of the pilot program.

- ☐ The after final amendment will be treated under pre-pilot procedure.

B. Updated search and/or completed additional consideration.

The examiner performed an updated search and/or completed additional consideration of the after final amendment within the time authorized for the pilot program. The result(s) of the updated search and/or completed additional consideration are:

- ☒ 1. All of the rejections in the most recent final Office action are overcome and a Notice of Allowance is issued herewith.
- ☐ 2. The after final amendment would not overcome all of the rejections in the most recent final Office action. See attached interview summary for further details.
- ☐ 3. The after final amendment was reviewed, and it raises a new issue(s). See attached interview summary for further details.
- ☐ 4. The after final amendment raises new issues, but would overcome all of the rejections in the most recent final Office action. A decision on determining allowability could not be made within the guidelines of the pilot. See attached interview summary for further details, including any newly discovered prior art.
- ☐ 5. Other: _____

Examiner Note: Please attach an interview summary when necessary as described above.

<i>Index of Claims</i> 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	03/16/2022	07/01/2022	03/22/2023	05/31/2023					
	16	✓	✓	=	=					
	17	✓	✓	=	=					
	18	✓	✓	=	=					
	19	O	-	-	-					
	20	O	✓	=	=					
	21	O	✓	=	=					
	22	✓	✓	=	=					
	23	O	✓	=	=					
	24	✓	✓	=	=					
	25	✓	✓	-	-					
	26	O	✓	-	-					
	27	O	-	-	-					
	28	O	✓	-	-					
	29	✓	✓	-	-					
	30	✓	✓	-	-					
	31	✓	✓	-	-					
	32	O	✓	-	-					
	33	✓	✓	-	=					
	34			✓	=					
	35			✓	=					
	36			✓	=					
	37			✓	=					
	38			✓	=					
	39			✓	=					
	40			✓	=					
	41			✓	=					
	42			✓	=					
	43			✓	=					
	44			-	-					

ROK.019C6

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor: Jeff Whitten	Conf. No.: 7153
App. No.: 17/118,371	Filed: December 10, 2020
Examiner: Raven Collins	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

AMENDMENTS AND RESPONSE**MAIL STOP AF**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated March 28, 2023 in the above-referenced application, Applicant respectfully submits the following amendments and remarks for consideration along with an After Final Consideration Program Request.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
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PE2E SEARCH - Search History (Interference)

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N66	1089	206/701	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
N67	4113	206/320	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
N68	309	224/412	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM

N69	488	224/929	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
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N71	5628	N66 N67 N68 N69	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:23 PM
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N76	34	B62J7/06	(US-PGPUB; USPAT)	OR	ON	ON	2015/07/10 05:01 PM
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N116	1329	b62j11/00.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:36 AM
N117	3249	h04b1/3888.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:36 AM
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N123	931	f16b2001/0035.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/08/02 02:07 PM

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0		
Practitioner Docket No.: ROK.019C6	Application No.: 17/118371	Filing Date: 2020-12-10
First Named Inventor: Whitten, Jeff	Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	
<p>APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.</p> <ol style="list-style-type: none"> 1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (<i>e.g.</i>, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c). 2. The above-identified application contains an outstanding final rejection. 3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect. 4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection. 5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response. 6. This certification and request is being filed electronically using the USPTO's patent electronic filing system. 7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.] 8. By filing this certification and request, applicant acknowledges the following: <ul style="list-style-type: none"> • Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0. • The examiner will verify that the AFCP 2.0 submission is compliant, <i>i.e.</i>, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions: <ul style="list-style-type: none"> ○ The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, by mailing an advisory action. ○ If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview. <ul style="list-style-type: none"> ▪ The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate. ▪ If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116. 		
Signature /Paige Cappelli/	Date 05-22-2023	Practitioner Registration No. 79,142
Name (Print/Typed) Paige Cappelli	Telephone Number 202-640-6400	
<p>Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p>		
☒ * Total of <u>1</u> forms are submitted.		

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor: Jeff Whitten	Conf. No.: 7153
App. No.: 17/118,371	Filed: December 10, 2020
Examiner: Raven Collins	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

AMENDMENTS AND RESPONSE**MAIL STOP AF**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated March 28, 2023 in the above-referenced application, Applicant respectfully submits the following amendments and remarks for consideration along with an After Final Consideration Program Request.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (Previously Presented) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member that defines at least a portion of an exterior surface of the rear portion of the case, the flexible non-slip member comprising a non-slip material, wherein an interior surface of the flexible non-slip member defines an indentation;

a magnet received within the indentation of the flexible non-slip member such that a rear-facing surface of the magnet is covered by the flexible non-slip member; and

wherein the non-slip region further comprises an open space defined by the case, wherein the non-slip member is shaped to fit within the open space.

17. (Previously Presented) The case of Claim 16, further comprising a cover piece adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device.

18. (Previously Presented) The case of Claim 17, wherein the cover piece is made of the same material as the flexible non-slip member.

19. (Canceled)

20. (Previously Presented) The case of Claim 16, wherein the open space of the non-slip region is at least partially defined by a flange formed by the disposition of a smaller opening within a larger opening.

21. (Previously Presented) The case of Claim 20, wherein the flexible non-slip member contains a peripheral groove that engages the flange to removably couple the flexible non-slip member to the case.

22. (Previously Presented) The case of Claim 16, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

23. (Previously Presented) The case of Claim 22, wherein the frictional gripping exterior surface of the flexible non-slip member comprises roughened surface features.

24. (Previously Presented) The case of Claim 16, wherein the magnet is a rare-earth magnet.

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Canceled)

33. (Canceled)

34. (***Currently Amended***) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear wall that is configured to be positioned along a rear surface of the electronic device in use and a sidewall extending from the rear wall and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use, wherein the rear wall and the sidewall are a unitary structure;

an exterior-facing member configured to be removably received in the rear wall of the case, the exterior facing member having an indentation ~~configured to receive~~ and at least one magnet received within the indentation, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet.

35. (Canceled)

36. (Previously Presented) The case of Claim 34, wherein the exterior-facing member is a non-slip member.

37. (Previously Presented) The case of Claim 36, wherein the non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

38. (Previously Presented) The case of Claim 34, wherein the magnet is removable from the exterior-facing member.

39. (Previously Presented) The case of Claim 34, wherein the attachment region further comprises an open space configured to receive an interlocking member.

40. (Previously Presented) The case of Claim 39, wherein the open space comprises four access spaces configured to receive corresponding tabs of an interlocking member.

41. (***Currently Amended***) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear wall that is configured to be positioned along a rear surface of the electronic device in use and a sidewall extending from the rear wall and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use, wherein the rear wall and the sidewall are a unitary structure;

an attachment region on the rear portion of the case, the attachment region comprising:

an open space defining an interlock area, the interlock area being sized and shaped to receive a corresponding interlocking member, wherein the interlock area has four access spaces sized to receive corresponding tabs of the interlocking member when the interlocking member is attached to the mountable case; and

an exterior facing member configured to be removably received in a cavity in the rear of the case, the exterior facing member having an indentation ~~configured to receive~~ and at least one magnet received within the indentation, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet.

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Filing Date: December 10, 2020

42. (Previously Presented) The case of Claim 41, wherein the exterior-facing member is a non-slip member.

43. (Previously Presented) The case of Claim 41, wherein the at least one magnet is removable from the exterior-facing member.

44. (Canceled)

REMARKS

Claims 16-18, 20-24, 34, and 36-43 are pending in the application. By this amendment, Claims 34 and 41 are amended. No new matter is added. Claims 16-18, 20-24, 34, and 36-43 are therefore pending for consideration.

Allowable Subject Matter

The Applicant notes with appreciation that Claims 16-24 are allowed and that Claim 37 would be allowable if rewritten in independent form and to include all the limitations of the base claim and any intervening claims.

Claim Rejection - 35 U.S.C. § 102

The Office Action rejected Claims 34, 36, and 38-43 under 35 U.S.C. § 102(b) as allegedly being anticipated by U.S. Pat. Pub. No. 2006/0229740 (“Kreisel”). Applicant respectfully disagrees with the rejections. Nevertheless, in an effort to expedite allowance, Applicant has amended Claims 34 and 41 as shown herein. Applicant respectfully submits that Claims 34 and 41 are allowable over the cited references as explained below.

Amended Claim 34 is directed to a mountable case for a handheld electronic device including, among other features, “an exterior-facing member configured to be removably received in the rear wall of the case, the exterior facing member having an indentation and at least one magnet received within the indentation.” Amended Claim 41 is directed to a mountable case for a handheld electronic device including, among other features, “an exterior facing member configured to be removably received in a cavity in the rear of the case, the exterior facing member having an indentation and at least one magnet received within the indentation.” Applicant respectfully submits that the cited reference fails to teach or suggest at least these features.

The Office Action acknowledges that Kreisel does not disclose a magnet received within the indentation. *Office Action* at 3-4. The Office Action cites the space to the right and left of the offset portion 303 of Kreisel as being configured to receive at least one magnet. *Id.* However, Kreisel is silent as to the incorporation of a magnet. Therefore, Applicant respectfully submits that Kreisel fails to teach or suggest “at least one magnet received within the indentation,” as recited in amended Claims 34 and 41.

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For at least the reasons above, Applicant respectfully submits that Kreisel fails to teach or suggest each and every element of amended Claims 34 and 41. Claims 36-40 and 42-43 each depend directly or indirectly from Claim 34 or 41, and incorporate every feature recited in their respective independent claims. Therefore, for at least the same reasons discussed above with regard to Claims 34 and 41, Kreisel does not teach or suggest every element of Claims 36-40 and 42-43. Accordingly, Applicant respectfully requests that the rejections be withdrawn and allowance of the claims.

No Disclaimers or Disavowals

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: May 22, 2023

By: /Paige Cappelli/_____
Paige L. Cappelli
Registration No. 79,142
Registered Practitioner
(949) 760-0404



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
05/22/2023 03:12:06 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY Jennifer Balicki

PATENT CENTER # 62130749

FILING DATE 12/10/2020

CUSTOMER # 20995

FIRST NAMED
INVENTOR Jeff Whitten

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Paige Cappelli

Documents

TOTAL DOCUMENTS: 4

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
AFCP - ROK.019C6.pdf	2	After Final Consideration Program Request	245 KB
Draft Response - ROK.019C6.pdf	7	-	135 KB
Draft Response - ROK.019C6-A.NE.pdf	(1-1) 1	Response After Final Action	79 KB
Draft Response - ROK.019C6-CLM.pdf	(2-5) 4	Claims	108 KB
Draft Response - ROK.019C6-REM.pdf	(6-7) 2	Applicant Arguments/Remarks Made in an Amendment	123 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
AFCP - ROK.019C6.pdf	D5B62CD1EF5425D3CD6A28FA926C1B51AB32E34FD2CFB2C6 570ABB57118441788115A5170A6E74B4DF9725117C6E6171278 7A74C8050641C76D5DC61EF4F8F74
Draft Response - ROK.019C6.pdf	9A8E766C654BDDC27D63B47AEC8804535739F3F81D4833925 9EEC154C7456D04428EA1BD3142C8861E33036277976925CD3 232C6AACFF05A282ED446D9038AAF
Draft Response - ROK.019C6- A.NE.pdf	22F4D160F267D863707A1EDB83061B8A639A1F1CCD92BD9AB 998CF5DC50E7877DFDEC23D393EAC6F74B9E67A9B1374D2D 5B3518C5C1E91F462C94BACED63DA3E
Draft Response - ROK.019C6- CLM.pdf	A8D00FA6546F02FE80A5E642B619B4821864CDF8D4666BD19 498A9959DE92B08937A2F7BCE59C9A0F24E6AAB6886626667 B6EBC92F0838E358A4F8FB28746107
Draft Response - ROK.019C6- REM.pdf	F3780158B849E125D9DC4E93CDCF55621E5FD7F1CBD8503E C82AA58936D97F5B9AF72BC8832E5347DF96B4079F3A6D891E C1DDAFF4D9C8EF7512D9F7921ECAFA7

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 17/118,371		Filing Date 12/10/2020		☐ To be Mailed			
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO											
APPLICATION AS FILED - PART I											
		(Column 1)		(Column 2)							
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 = *				x \$50 =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 = *				x \$240 =					
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL					
APPLICATION AS AMENDED - PART II											
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	05/22/2023	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 17	Minus	** 20	= 0			x \$40 =		0	
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0			x \$192 =		0	
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE		0	
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=			x \$0 =			
	Independent (37 CFR 1.16(h))	*	Minus	***	=			x \$0 =			
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.								LIE			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".								/MARCUS D MONROE/			
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".											
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153
20995	7590	03/28/2023	EXAMINER	
KNOBBE MARTENS OLSON & BEAR LLP			COLLINS, RAVEN	
2040 MAIN STREET			ART UNIT	PAPER NUMBER
FOURTEENTH FLOOR			3735	
IRVINE, CA 92614			NOTIFICATION DATE	DELIVERY MODE
			03/28/2023	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

cassie.wolf@knobbe.com
efiling@knobbe.com

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.
2. This action is written in response to the amendment filed 03/16/2023
 - Claims 34 and 41 have been amended and claims 35 and 44 have been cancelled
 - Claims 16-24, 34 and 36-43 are presented for examination
 - This action is Final

Claim Rejections - 35 USC § 102

3. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.
4. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. **Claim(s) 34, 36 and 38-43 is/are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Kreisel (US 2006/0229740).**

34, 38: Kreisel discloses a mountable case for a handheld electronic device, comprising: a case **202** configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use (**abstract**), the case

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comprising a rear wall **214** that is configured to be positioned along a rear surface of the electronic device in use and a sidewall portion (**upwardly extending walls from 214**) extending from the rear wall and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use, wherein the rear wall and the sidewall are a unitary structure (**fig. 2, 7**);

an exterior-facing member **206** configured to be removably received in the rear wall of the case, the exterior facing member having an indentation (**fig. 5; space to R/L of 303**) configured to receive at least one magnet, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet [**0055**].

It is noted that the magnet has not been positively claimed. The case of Kreisel is required to be capable or configured to encase the unclaimed magnet.

36: Kreisel discloses the case of Claim 34, wherein the exterior-facing member is a non-slip member (fig. 2).

39: Kreisel discloses the case of Claim 34, wherein the attachment region further comprises an open space configured to receive an interlocking member (fig. 2).

40: Kreisel the case of Claim 39, wherein the open space comprises four access spaces configured to receive corresponding tabs of an interlocking member (fig. 4, 8).

41, 43: Kreisel discloses a mountable case for a handheld electronic device, comprising:

a case **202** configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear wall portion **214** that is configured to be positioned along a rear surface of the electronic device in use and a sidewall portion extending from the rear wall portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use, wherein the rear wall and the sidewall are a unitary structure (**fig. 2, 7**);

an attachment region **204** on the rear portion of the case, the attachment region comprising:

an open space defining an interlock area, the interlock area being sized and shaped to receive a corresponding interlocking member, wherein the interlock area has four access spaces sized to receive corresponding tabs of the interlocking member when the interlocking member is attached to the mountable case (**fig. 8**); and

an exterior facing member **206** configured to be removably received in a cavity in the rear portion of the case, the exterior facing member having an indentation (**fig. 5; space to R/L of 303**) configured to receive at least one magnet, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet **[0055]**.

It is noted that the magnet has not been positively claimed. The case of Kreisel is required to be capable or configured to encase the unclaimed magnet.

42: Kreisel discloses the case of Claim 41, wherein the exterior-facing member is a non-slip member (fig. 2).

Allowable Subject Matter

6. Claim 37 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. Claims 16-24 are allowed.

Response to Arguments

Applicant's arguments with respect to the claims have been considered but in view of the amendment the search has been updated, new prior art has been identified and applied, and a new rejection has been made.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **RAVEN COLLINS** whose telephone number is (571)270-1672. The examiner can normally be reached **Monday-Friday 8:30am to 5:00pm EST**.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is

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encouraged to use the USPTO Automated Interview Request (AIR) at

<http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ANTHONY STASHICK can be reached on 571-272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/RAVEN COLLINS/
Examiner, Art Unit 3735

/Anthony D Stashick/
Supervisory Patent Examiner, Art Unit 3735

<i>Notice of References Cited</i>	Application/Control No. 17/118,371		Applicant(s)/Patent Under Reexamination Whitten et al.	
	Examiner RAVEN COLLINS		Art Unit 3735	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20060229740-A1	10-2006	Kreisel; James H.	H02H3/006	700/22
	B					
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Search Notes</i> 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
A45C 2011/001-003	03/16/2022	RC
B62J 7/06	03/16/2022	RC

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
206	320	03/16/2022	RC
	updated search	03/22/2023	RC

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
cpc, class and text search	03/16/2022	RC

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/RAVEN COLLINS/ Examiner, Art Unit 3735	
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<i>Index of Claims</i> 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	03/16/2022	07/01/2022	03/22/2023						
	16	✓	✓	=						
	17	✓	✓	=						
	18	✓	✓	=						
	19	○	-	-						
	20	○	✓	=						
	21	○	✓	=						
	22	✓	✓	=						
	23	○	✓	=						
	24	✓	✓	=						
	25	✓	✓	-						
	26	○	✓	-						
	27	○	-	-						
	28	○	✓	-						
	29	✓	✓	-						
	30	✓	✓	-						
	31	✓	✓	-						
	32	○	✓	-						
	33	✓	✓	-						
	34			✓						
	35			✓						
	36			✓						
	37			✓						
	38			✓						
	39			✓						
	40			✓						
	41			✓						
	42			✓						
	43			✓						
	44			-						

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	8	((("20020139822") or ("20040204169") or ("20080314941") or ("20110043086")).PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/23 11:37 AM
L2	3677	206/320	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/23 12:04 PM
L3	0	("13593220").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/23 12:38 PM
L4	0	("2008314941").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/29 07:01 PM
L5	2	("0314941").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/29 07:01 PM
L6	1774454	adhesive	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/30 11:47 AM
L7	3684	206/320	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/30 11:48 AM
L8	3684	L7	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/30 11:48 AM
L9	685	L6 and L7	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/30 11:48 AM
L10	33	("2002/0139822" "2004/0204169" "2008/0314941" "2011/0043086").URPN	(USPAT)	OR	ON	ON	2013/09/22 03:34 PM
L11	1038	206/701	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/09/22 03:53 PM
L12	15	224/19	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/09/22 04:37 PM
L13	813	224/197	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/09/22 04:37 PM
L14	0	("8457701").URPN.	(USPAT)	OR	ON	ON	2013/12/06 06:57 PM
L15	972	(attachment with region) and magnet and case	(USPAT)	OR	ON	ON	2013/12/06 08:17 PM
L16	26	L15 AND ((A61M5/172 OR H01F7/0242 OR	(USPAT)	OR	ON	ON	2013/12/06 08:21 PM

L17	2102	H01F7/0252 OR G06F1/1628 OR E05B65/006 OR E05C19/16).CPC.) 455/575.8	(USPAT)	OR	ON	ON	2013/12/06 09:09 PM
L18	209997	magnet	(USPAT)	OR	ON	ON	2013/12/06 09:10 PM
L19	96	L17 and L18	(USPAT)	OR	ON	ON	2013/12/06 09:10 PM
L20	16142	interlocking with surface	(USPAT)	OR	ON	ON	2013/12/07 09:10 PM
L21	1901698	electronic device and cover	(USPAT)	OR	ON	ON	2013/12/07 09:10 PM
L22	73505	(electronic adj device) and cover	(USPAT)	OR	ON	ON	2013/12/07 09:11 PM
L23	258	L20 and L22	(USPAT)	OR	ON	ON	2013/12/07 09:11 PM
L24	3709	interlocking near2 surface	(USPAT)	OR	ON	ON	2013/12/07 09:18 PM
L25	65	L22 and L24	(USPAT)	OR	ON	ON	2013/12/07 09:18 PM
L26	65	((("20060279924") or ("20070139873") or ("20070297149") or ("20100008028") or ("20100104814") or ("20100147737") or ("20110073608") or ("20110226545") or ("20110228458") or ("20110228459") or ("20120018323") or ("20120074005") or ("20120118773") or ("20120211382") or ("20120261306") or ("4688580") or ("6068119") or ("6349824") or ("6646864") or ("6995976") or ("7180736") or ("7230823") or ("7312984") or ("7449650") or ("7609512") or ("7663879") or ("7889489") or ("7907394") or ("7933122") or ("D670280"))).PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/09 05:50 PM
L27	28826	microns with membrane	(US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	ON	2013/12/09 08:40 PM

L28	47789	case and waterproof	DERWENT) (US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/09 08:40 PM
L29	900	L27 and L28	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/09 08:40 PM
L30	323656	modulus	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/09 08:41 PM
L31	68	L29 and L30	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/09 08:41 PM
L32	476097	case and mount	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/11 05:46 PM
L33	24415	bike	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/11 05:46 PM
L34	2345	L32 and L33	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/11 05:46 PM
L35	3060629	electronic and device	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/11 05:47 PM
L36	813	L34 and L35	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/11 05:47 PM
L37	3	("2010/0078536").URP N.	(USPAT)	OR	ON	ON	2013/12/11 06:04 PM
L38	2	("2007/0014120").URP N.	(USPAT)	OR	ON	ON	2013/12/11 06:43 PM
L39	85013	gps	(USPAT)	OR	ON	ON	2013/12/11 06:56 PM
L40	5820	L32 and L39	(USPAT)	OR	ON	ON	2013/12/11 06:56 PM
L41	562632	adhesive	(USPAT)	OR	ON	ON	2013/12/11 06:58 PM
L42	57	L33 and L40 and L41	(USPAT)	OR	ON	ON	2013/12/11 06:58 PM
L43	3624	livingston.inv.	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/11 07:55 PM
L44	24	modulus and mircons and density	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/16 01:00 PM
L45	1070612	membrane	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/16 01:00 PM
L46	3	L44 and L45	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2013/12/16 01:00 PM

L47	488	224/929	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 10:20 AM
L48	650	224/930	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:12 AM
L49	1001967	magnet	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:12 AM
L50	48	L48 and L49	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:12 AM
L51	308	224/412	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:25 AM
L52	203	224/419	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:26 AM
L53	272	224/420	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:26 AM
L54	632	L51 L52 L53	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:26 AM
L55	17	L49 and L54	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:26 AM
L56	107	224/428	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 11:51 AM
L57	0	b6217/02	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 12:02 PM
L58	0	(b6217/02).CCLS.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 12:03 PM
L59	717	B62J7/02	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 12:03 PM
L60	978	B62J7/06	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 12:05 PM
L61	143	B62J2099/0006	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2014/03/04 12:05 PM
L62	0	("8608120").URPN.	(USPAT)	OR	ON	ON	2014/03/04 12:27 PM
L63	1	("D653190").URPN.	(USPAT)	OR	ON	ON	2014/03/04 12:27 PM
L64	1	("8317067").URPN.	(USPAT)	OR	ON	ON	2014/03/04 12:27 PM
L65	33	(US-20040204169-\$ or	(US-PGPUB; USPAT;	OR	ON	ON	2014/03/04

		US-20020139822-\$ or US-20110043086-\$ or US-20130098790-\$ or US-20110253569-\$ or US-20100200456-\$ or US-20040155079-\$ or US-20120211382-\$ or US-20080226846-\$ or US-20130006722-\$ or US-20100078536-\$ or US-20070014120-\$ or US-20070212931-\$ or US-20070221694-\$ or US-20080023508-\$ or US-20060175370-\$).did. or (US-8428664-\$ or US-7464814-\$ or US-8167127-\$ or US- 7093742-\$ or US- D684568-\$ or US- 8457701-\$ or US- 8523029-\$ or US- 8469245-\$ or US- 8439239-\$ or US- 8333310-\$ or US- 8281512-\$ or US- 6068119-\$ or US- 7930006-\$ or US- 8317067-\$ or US- D653190-\$ or US- 8608120-\$).did. or (WO-2012051358-\$).did.	DERWENT)				02:22 PM
L73	2	("13593220").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2014/09/05 03:21 PM
L77	3	("8439239" "8469245" "D653190").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2016/05/18 11:52 AM
L78	11	"13593220"	(US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2017/04/20 10:49 AM
L79	2	("3179367" "3986780").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2017/12/15 02:17 PM
L80	2	("3179367" "3986780").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2017/12/27 01:59 PM
L81	3	("20060229740" "3179367" "3986780").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/01/19 05:18 PM
L82	56	("20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20120298820" "20130292270" "2	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/02/01 01:01 PM

		0130292296" "2014035 5200" "20160192752" "3179367" "3986780" "7 523906" "7652888" "76 85904" "7930006" "816 7127" "8172247" "8267 418" "8439239" "84692 45" "8708151" "880076 3" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9 498034" "9592871" "97 00114" "D564754" "D60 6738" "D627771" "D646 672" "D647085" "D6531 90" "D654043" "D67193 2" "D685363" "D685785 "D687004" "D697060" "D711886" "D718290" "D725119" "D726170" "D726732" "D739857").P N.					
L83	1	"20130329115"	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/01 07:41 PM
L84	3	"20130181584"	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/01 07:46 PM
L85	38	("20100147737" "D479233" "D543541" "D549452" "D615536" "D616430" "D617785" "D617786" "D621822" "D626120" "D638005" "D642171" "D650376" "D651204" "D673543" "D673553" "D673941" "D674790" "D674791").PN. OR ("D684568").URPN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/02/01 08:05 PM
L86	1245	non-slip same surface same flexible	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/02/01 08:37 PM
L87	56	("20020139822" "20040 204169" "20060229740 "20070014120" "2007 0212931" "2008002350 8" "20080251512" "200 80314941" "201000845 27" "20110043086" "20 110143583" "20120298 820" "20130292270" "2 0130292296" "2014035 5200" "20160192752" "3179367" "3986780" "7 523906" "7652888" "76 85904" "7930006" "816	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/02/08 08:10 PM

L88	56	7127 "8172247 "8267 418 "8439239 "84692 45 "8708151 "880076 3 "8830663 "8936222" "9185953 "9243739 "9 9383774 "9402016 "9 498034 "9592871 "97 00114 "D564754 "D60 6738 "D627771 "D646 672 "D647085 "D6531 90 "D654043 "D67193 2 "D685363 "D685785 "D687004 "D697060" "D711886 "D718290" D725119 "D726170" D726732 "D739857").P N.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/02/08 08:10 PM
L89	197	non-slip same surface same magnet	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/02/09 09:29 AM
L90	12	("2014/0355200").URP N.	(USPAT)	OR	OFF	OFF	2018/02/09 10:36 AM
L91	1	("20130181584").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/02/09 12:27 PM
L92	6376	rare-earth same magnet	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/09 02:19 PM

L93	126675	electronic same cover	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/09 02:19 PM
L94	108	L92 and L93	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/09 02:19 PM
L95	205	griffin and non-slip	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/02/13 11:44 AM
L96	551	224/183	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:31 PM
L97	49072	magnet same (cover or protector)	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:32 PM
L98	141170	portable same case	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:37 PM
L99	205110	L97 adn L98	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:37 PM
L100	1049	L97 and L98	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:37 PM
L101	602	electronic and L100	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:38 PM
L102	1356	700/22	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/16 02:08 PM
L103	436	a45c2011/001.cpc.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/16 02:08 PM
L104	485	a45c13/1069.cpc.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/16 02:10 PM
L105	1306	700/22	(USPAT)	OR	OFF	OFF	2018/07/02 10:33 AM
L106	6142	b60r11/00.cpc.	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2018/07/06 12:05 PM
L107	5	("8708151").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/07/22 10:19 AM
L108	46	(US-20040204169-\$ or US-20020139822-\$ or US-20110043086-\$ or US-20130098790-\$ or US-20110253569-\$ or US-20100200456-\$ or US-20040155079-\$ or US-20120211382-\$ or US-20080226846-\$ or US-20130006722-\$ or US-20100078536-\$ or US-20070014120-\$ or US-20070212931-\$ or US-20080023508-\$ or US-20060175370-\$ or US-20060229740-\$ or US-20110143583-\$ or US-20160192752-\$ or US-20070194187-\$ or US-20110227735-\$ or US-20120008300-\$ or US-20080251512-	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2018/07/24 07:27 PM

		<p>\$.did. or (US-8428664-\$ or US-7464814-\$ or US-8167127-\$ or US-7093742-\$ or US-D684568-\$ or US-8457701-\$ or US-8523029-\$ or US-8469245-\$ or US-8439239-\$ or US-8333310-\$ or US-8281512-\$ or US-6068119-\$ or US-7930006-\$ or US-8317067-\$ or US-D653190-\$ or US-8608120-\$ or US-3986780-\$ or US-3179367-\$ or US-9402016-\$ or US-D808378-\$ or US-D801960-\$ or US-D616430-\$ or US-8830663-\$).did. or (WO-2012051358-\$).did.</p>					
L109	1901	b62j11/00.cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2018/07/24 07:29 PM
L110	29	a45c13/1053.cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2018/07/24 07:30 PM
L111	4951	h04b1/3888.cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2018/07/24 07:40 PM
L124	60	<p>("10070707" "10093377" "10112670" "20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20110227735" "20120298820" "20130292270" "20130292296" "20140355200" "20160192752" "3179367" "3986780" "7523906" "7652888" "7685904" "7930006" "8167127" "8172247" "8267418" "8439239" "8469245" "8708151" "8800763" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9498034" "9592871" "9700114" "D564754" "D606738" "D627771"</p>	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/12/12 10:07 AM

L125	0	"D646672" "D647085" "D653190" "D654043" "D671932" "D685363" "D685785" "D687004" "D697060" "D711886" "D718290" "D725119" "D726170" "D726732" "D739857").PN. (("15456276") or ("13593220") or ("14260817") or ("14120319") or ("15356346") or ("14939231")).PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/12/12 01:43 PM
L126	20	"15456276" "13593220" "14260817" "14120319" "15356346" "14939231"	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2018/12/12 01:43 PM
L127	1	("9211969").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2019/03/20 12:13 PM
L128	2	((("9211969") or ("7997436")).PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2019/03/20 12:13 PM
L129	60	("10070707" "20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20110227735" "20120298820" "20130292270" "20130292296" "20140355200" "20160192752" "20170183052" "20180099714" "3179367" "3986780" "7523906" "7652888" "7685904" "7930006" "8167127" "8172247" "8267418" "8439239" "8469245" "8708151" "8800763" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9498034" "9592871" "9700114" "D000071" "D564754" "D606738" "D627771" "D646672" "D647085" "D653190" "D654043" "D671932" "D685363" "D685785" "D687004" "D697060" "D718290" "D725119" "D726170" "D726732" "D739857").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/03/20 02:06 PM
L130	7	("6752299" "8662362" "8830663" "2013018158	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/03/20 02:39 PM

L131	42	4 "20080232089" "20110136555" "8078240").PN. ("3550824" "5014892" "5412545" "5850996" "6360928" "7942293" "8328055").PN. OR ("8662362").URPN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2019/03/20 02:41 PM
L132	300	collins near2 raven	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2019/03/21 08:16 AM
L133	63	("5305381" "5898775" "7551458" "D184411" "D301883" "D320991" "D321885" "D346275" "D356798" "D360210" "D411543" "D411931" "D431250" "D528539" "D529489" "D535988" "D544487" "D545812" "D561092" "D577358" "D587695" "D597093" "D606065" "D607856" "D610579" "D618454").PN. OR ("D627771").URPN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2019/03/21 05:36 PM
L134	0	("15838933").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2019/03/22 12:28 PM
L135	2	("10093377").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2019/03/22 12:34 PM
L136	4741	b62j11/00.cpc.	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2019/03/22 01:08 PM
L137	4877	a45c2011/002.cpc.	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2019/03/22 01:09 PM
L138	547	b62j9/003.cpc.	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2019/03/22 01:09 PM
L139	947	b62j2099/004.cpc.	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2019/03/22 01:10 PM
L140	1	("6109442").PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2019/08/27 10:58 AM
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PE2E SEARCH - Search History (Interference)

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N68	309	224/412	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
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N72	53	N70 and N71	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:23 PM
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor: Jeff Whitten	Conf. No.: 7153
App. No.: 17/118,371	Filed: December 10, 2020
Examiner: Raven Collins	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

AMENDMENTS AND RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated December 23, 2022 in the above-referenced application, Applicant respectfully submits the following amendments and remarks for consideration:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (Previously Presented) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member that defines at least a portion of an exterior surface of the rear portion of the case, the flexible non-slip member comprising a non-slip material, wherein an interior surface of the flexible non-slip member defines an indentation;

a magnet received within the indentation of the flexible non-slip member such that a rear-facing surface of the magnet is covered by the flexible non-slip member; and

wherein the non-slip region further comprises an open space defined by the case, wherein the non-slip member is shaped to fit within the open space.

17. (Previously Presented) The case of Claim 16, further comprising a cover piece adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device.

18. (Previously Presented) The case of Claim 17, wherein the cover piece is made of the same material as the flexible non-slip member.

19. (Canceled)

20. (Previously Presented) The case of Claim 16, wherein the open space of the non-slip region is at least partially defined by a flange formed by the disposition of a smaller opening within a larger opening.

21. (Previously Presented) The case of Claim 20, wherein the flexible non-slip member contains a peripheral groove that engages the flange to removably couple the flexible non-slip member to the case.

22. (Previously Presented) The case of Claim 16, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

23. (Previously Presented) The case of Claim 22, wherein the frictional gripping exterior surface of the flexible non-slip member comprises roughened surface features.

24. (Previously Presented) The case of Claim 16, wherein the magnet is a rare-earth magnet.

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Canceled)

33. (Canceled)

34. (***Currently Amended***) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear wall portion that is configured to be positioned along a rear surface of the electronic device in use and a sidewall portion extending from the rear wall portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use, wherein the rear wall and the sidewall are a unitary structure;

an exterior-facing member configured to be removably received in the rear wall portion of the case, the exterior facing member having an indentation configured to receive at least one magnet, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet.

35. (***Canceled***)

36. (Previously Presented) The case of Claim 34, wherein the exterior-facing member is a non-slip member.

37. (Previously Presented) The case of Claim 36, wherein the non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

38. (Previously Presented) The case of Claim 34, wherein the magnet is removable from the exterior-facing member.

39. (Previously Presented) The case of Claim 34, wherein the attachment region further comprises an open space configured to receive an interlocking member.

40. (Previously Presented) The case of Claim 39, wherein the open space comprises four access spaces configured to receive corresponding tabs of an interlocking member.

41. (***Currently Amended***) A mountable case for a handheld electronic device, comprising:
a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear wall portion that is configured to be positioned along a rear surface of the electronic device in use and a sidewall portion extending from the rear wall portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use, wherein the rear wall and the sidewall are a unitary structure;

an attachment region on the rear portion of the case, the attachment region comprising:

an open space defining an interlock area, the interlock area being sized and shaped to receive a corresponding interlocking member, wherein the interlock area has four access spaces sized to receive corresponding tabs of the interlocking member when the interlocking member is attached to the mountable case; and

an exterior facing member configured to be removably received in a cavity in the rear ~~portion~~ of the case, the exterior facing member having an indentation configured to receive at least one magnet, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet.

42. (Previously Presented) The case of Claim 41, wherein the exterior-facing member is a non-slip member.

43. (Previously Presented) The case of Claim 41, wherein the at least one magnet is removable from the exterior-facing member.

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Filing Date: December 10, 2020

44. (*Canceled*)

REMARKS

Claims 16-18, 20-24, and 34-44 were pending in the application. By this amendment, Claims 34 and 41 are amended and Claims 35 and 44 are canceled without prejudice or disclaimer. No new matter has been added to the present application by way of the amendments. Applicant respectfully requests reconsideration and allowance of pending Claims 16-18, 20-24, 34, and 36-43 in view of the amendments set forth above and the following remarks.

Allowable Subject Matter

Applicant thanks the Examiner for indicating that Claims 16-18 and 20-24 are allowable.

Claim Rejections Under 35 U.S.C. §§ 102 and 103

The Office Action rejected Claims 34-35 and 38-39 under 35 U.S.C. § 102 as allegedly being anticipated by U.S. Pat. Pub. No. 2008/0023508 (“Harchol”). The Office Action rejected Claim 41 under 35 U.S.C. § 102 as allegedly being anticipated by U.S. Pat. Pub. No. 2006/0229740 (“Kreisel”). The Office Action rejected Claims 36-37 under 35 U.S.C. § 103 as allegedly being unpatentable over Harchol in view of U.S. Pat. Pub. No. 2008/0251512 (“Griffin”). The Office Action rejected Claim 42 under 35 U.S.C. § 103 as allegedly being unpatentable over Kreisel in view of Griffin. The Office Action rejected Claims 43-44 under 35 U.S.C. § 103 as allegedly being unpatentable over Kreisel in view of Harchol. The Office Action rejected Claim 40 under 35 U.S.C. § 103 as allegedly being unpatentable over Harchol in view of Kreisel. Applicant respectfully disagrees with the rejections. However, solely in the interest of advancing prosecution, Applicant has amended Claims 34 and 41 as set forth above. Applicant respectfully submits that Claims 34 and 36-41 comply with 35 U.S.C. §§ 102 and 103 for at least the following reasons.

Amended Claim 34 is directed to a mountable case for a handheld electronic device including, among other features, “wherein the rear wall and the sidewall are a unitary structure; and an exterior-facing member configured to be removably received in the rear wall of the case, the exterior facing member having an indentation configured to receive at least one magnet, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet.” Amended Claim 41 is directed to a mountable case for a handheld electronic device including, among other features, “wherein the rear wall and the sidewall are a unitary structure” and “an exterior facing member configured to be removably

received in a cavity in the rear wall of the case, the exterior facing member having an indentation configured to receive at least one magnet, the indentation facing the rear wall of the case, wherein the rear wall of the case and the exterior facing member fully enclose the at least one magnet.” Applicant respectfully submits that the cited references, alone or in combination, fail to teach or suggest at least these features.

The Office Action cites paragraphs [0031]-[0033] of Harchol as disclosing “at least one magnet 94 is fully enclosed by the case and the exterior facing member.” *Office Action* at 4. Applicant respectfully disagrees. Harchol discloses “a magnetic fastener 92, which is meant to be placed on the other side of the garment (not shown here) to attract and hold the holder 80 in place, as described above for holder 10. Referring additionally to FIG. 3E, holder 80 may include female attachment members 94, such as recesses formed in the body of receptacle 82 with magnetic elements 95 on the inner side of, or flush with, the recesses.” *Harchol* at [0033]. However, the rear the magnetic element 95 of FIG. 3E is not fully enclosed by the rear wall of the holder 80 and the female attachment members 94, which the Office Action cites as the exterior-facing member. Rather the magnetic element 95 is exposed as shown below. Further, Kreisel does not cure the deficiencies of Harchol with respect to the above-recited features of amended Claims 34 and 41.

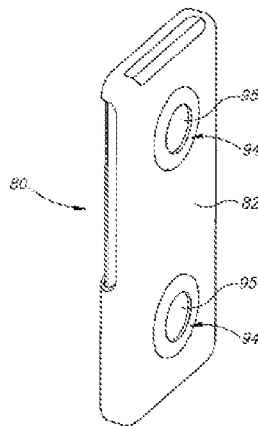


FIG. 3E

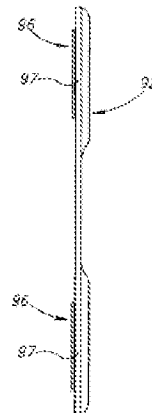


FIG. 3F

For at least the reasons above, Applicant respectfully submits that Harchol and Kreisel, alone or in combination, fail to teach or suggest each and every element of amended Claims 34 and 41. Claims 36-40 and 42-43 each depend directly or indirectly from Claim 34 or 41, and incorporate every feature recited in their respective independent claims. Therefore, for at least the

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Filing Date: December 10, 2020

same reasons discussed above with regard to Claims 34 and 41, the combination of Harchol and Kreisel does not teach or suggest every element of Claims 36-40 and 42-43. Accordingly, Applicant respectfully requests withdrawal of the rejection of Claims 34, 36-43 and allowance of the claims.

No Disclaimers or Disavowals

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 16, 2023

By: /Curtiss C. Dosier/

Curtiss C. Dosier
Registration No. 46,670
Registered Practitioner
(949) 760-0404



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
03/16/2023 01:02:40 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY Shine Fu

PATENT CENTER # 61749781

FILING DATE 12/10/2020

CUSTOMER # 20995

FIRST NAMED
INVENTOR Jeff Whitten

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Curtiss Dosier

Documents

TOTAL DOCUMENTS: 3

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
OA Response.pdf		8	-	204 KB
OA Response-A...pdf	(1-1)	1	Amendment/Request for Reconsideration-After Non- Final Rejection	93 KB
OA Response-CLM.pdf	(2-5)	4	Claims	141 KB
OA Response-REM.pdf	(6-8)	3	Applicant Arguments/Remarks Made in an Amendment	167 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
OA Response.pdf	56B1083D7DCBA4462BC9D02D22DC3663ECCA1B0634EA4225 7B0DE72AABE532FCB6EBFEFF5BE5A7A2EBF28F0DD9A51FC CB476104D9B374549F31650DB1F0AD9F0
OA Response-A....pdf	3CE009D057122AFDBE554E069C909B356CDC6BF50504666F0 AEC056E465313B0CC59DC81DF1A32AC07343F614E9A3ED0E 6B2D6AB8683721B3265B46170335E44
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 17/118,371		Filing Date 12/10/2020		☐ To be Mailed			
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO											
APPLICATION AS FILED - PART I											
		(Column 1)		(Column 2)							
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 = *				x \$50 =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 = *				x \$240 =					
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL					
APPLICATION AS AMENDED - PART II											
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	03/16/2023	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 17	Minus	** 20	= 0			x \$40 =		0	
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0			x \$192 =		0	
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE		0	
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=			x \$0 =			
	Independent (37 CFR 1.16(h))	*	Minus	***	=			x \$0 =			
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.								LIE			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".								/JACQUELYN L WILLIAMS/			
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".											
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153
20995	7590	12/23/2022	EXAMINER	
KNOBBE MARTENS OLSON & BEAR LLP			COLLINS, RAVEN	
2040 MAIN STREET			ART UNIT	PAPER NUMBER
FOURTEENTH FLOOR			3735	
IRVINE, CA 92614			NOTIFICATION DATE	DELIVERY MODE
			12/23/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

efiling@knobbe.com

jayna.cartee@knobbe.com

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/14/2022 has been entered.

- Claims 25-26 and 28-33 have been cancelled and claims 34-44 have been added
- Claims 16-24 and 34-44 are presented for examination
- This action is Non-Final

Claim Rejections - 35 USC § 102

2. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.
3. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

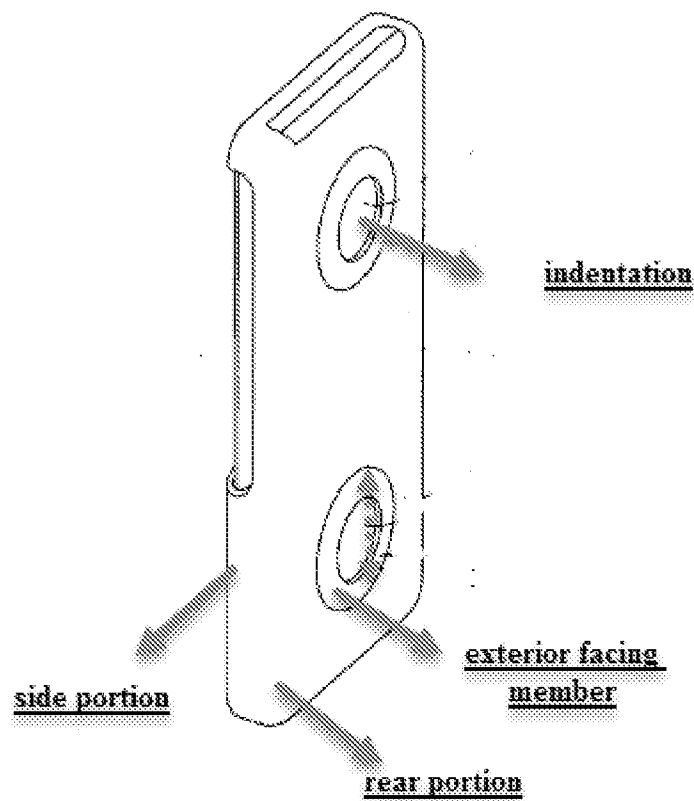
A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claim(s) 34, 35, 38 and 39 is/are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Harchol (US 20080023508).

34: Harchol discloses a mountable case **10** for a handheld electronic device, comprising:

a case **10** configured to be selectively connectable to the handheld electronic device **12** and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use; (see annotated figure below).



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an exterior-facing member **95** configured to be removably received in the rear portion of the case, the exterior facing member having an indentation configured to receive at least one magnet ([0031-0033]).

35: Harchol discloses the case of Claim 34, wherein the at least one magnet 94 is fully enclosed by the case and the exterior-facing member [0031-0033].

38: Harchol discloses the case of Claim 34, wherein the magnet is removable from the exterior- facing member [0033].

39: Harchol discloses the case of Claim 34, wherein the attachment region further comprises an open space configured to receive an interlocking member (see annotated figure of claim 34).

5. Claim(s) 41 is/are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Kreisel (US 2006/0229740).

41: Kreisel discloses a mountable case for a handheld electronic device, comprising:

a case **202** configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion **1304** that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use ([0055]; fig. 2);

an attachment region **218** on the rear portion of the case, the attachment region comprising:

an open space defining an interlock area, the interlock area being sized and shaped to receive a corresponding interlocking member, wherein the interlock area has four access spaces **220** sized to receive corresponding tabs of the interlocking member when the interlocking member is attached to the mountable case **[0056]**; and

an exterior facing member **302** configured to be removably received in a cavity in the rear portion of the case, the exterior facing member having an indentation configured to receive at least one magnet (**[0057]**; **fig. 3**).

Claim Rejections - 35 USC § 103

6. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

7. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. The factual inquiries for establishing a background for determining obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

9. Claim 36-37 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Harchol (US 2008/0023508) in view of Griffin (US 2008/0251512).

36-37: Harchol discloses the case of Claim 34, but fails to disclose a non-slip member. Griffin teaches wherein the exterior-facing member is a non-slip member [0025]. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the effective filing date of the invention to modify the exterior facing member of Harchol to include the non-slip member of Griffin to assist in resisting sliding of the device as well as increase comfortability in holding the device.

10. Claim 42 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Kreisel (US 2006/0229740) in view of Griffin (US 2008/0251512).

42: Kreisel discloses the case of Claim 41, but fails to disclose a non-slip member. Griffin teaches wherein the exterior-facing member is a non-slip member [0025]. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the effective filing date of the invention to modify the exterior facing member of Kreisel to include the non-slip member of Griffin to assist in resisting sliding of the device as well as increase comfortability in holding the device.

11. Claim 43-44 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Kreisel (US 2006/0229740) in view of Harchol (US 2008/0023508).

43-44: Kreisel discloses the case of Claim 41, but fails to disclose a magnet. Harchol teaches wherein the at least one magnet is capable of being fully enclosed and removable from the exterior-facing member (fig. 3E). Therefore, it would have been obvious to one having

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ordinary skill in the art at the time of the effective filing date of the invention to modify the case of Kreisel to include the magnetic connection of Harchol to increase the security and position of the stored device by way of the locking mechanism.

12. Claim 40 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Harchol (US 2008/0023508) in view of Kreisel (US 2006/0229740).

40: Harchol discloses the case of Claim 39, but fails to disclose locking tabs. Kreisel teaches wherein the open space 220 comprises four access spaces 218 configured to receive corresponding tabs of an interlocking member ([0056]; fig. 3). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the effective filing date of the invention to modify the opening of Harchol to include the locking tabs of Kreisel to locate and maintain the corresponding magnetized closure.

Allowable Subject Matter

13. Claims 16-18 and 20-24 are allowed.

Conclusion

14. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to RAVEN COLLINS whose telephone number is (571)270-1672. The examiner can normally be reached Monday-Friday 8:30am to 5:00pm EST.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ANTHONY STASHICK can be reached on 571-272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/RAVEN COLLINS/
Examiner, Art Unit 3735

/Anthony D Stashick/
Supervisory Patent Examiner, Art Unit 3735

<i>Notice of References Cited</i>	Application/Control No. 17/118,371		Applicant(s)/Patent Under Reexamination Whitten et al.	
	Examiner RAVEN COLLINS		Art Unit 3735	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20080023508-A1	01-2008	Harchol; Itamar	A45F5/02	224/183
*	B	US-20080251512-A1	10-2008	Griffin; Paul P.	H04B1/3888	220/4.02
*	C	US-20060229740-A1	10-2006	Kreisel; James H.	H02H3/006	700/22
	D					
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Search Notes</i> 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
A45C 2011/001-003	03/16/2022	RC
B62J 7/06	03/16/2022	RC

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
206	320	03/16/2022	RC

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
cpc, class and text search	03/16/2022	RC

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/RAVEN COLLINS/ Examiner, Art Unit 3735	
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PE2E SEARCH - Search History (Prior Art)

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L1	8	((("20020139822") or ("20040204169") or ("20080314941") or ("20110043086")).PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2013/05/23 11:37 AM
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L17	2102	H01F7/0252 OR G06F1/1628 OR E05B65/006 OR E05C19/16).CPC.) 455/575.8	(USPAT)	OR	ON	ON	2013/12/06 09:09 PM
L18	209997	magnet	(USPAT)	OR	ON	ON	2013/12/06 09:10 PM
L19	96	L17 and L18	(USPAT)	OR	ON	ON	2013/12/06 09:10 PM
L20	16142	interlocking with surface	(USPAT)	OR	ON	ON	2013/12/07 09:10 PM
L21	1901698	electronic device and cover	(USPAT)	OR	ON	ON	2013/12/07 09:10 PM
L22	73505	(electronic adj device) and cover	(USPAT)	OR	ON	ON	2013/12/07 09:11 PM
L23	258	L20 and L22	(USPAT)	OR	ON	ON	2013/12/07 09:11 PM
L24	3709	interlocking near2 surface	(USPAT)	OR	ON	ON	2013/12/07 09:18 PM
L25	65	L22 and L24	(USPAT)	OR	ON	ON	2013/12/07 09:18 PM
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L38	2	("2007/0014120").URP N.	(USPAT)	OR	ON	ON	2013/12/11 06:43 PM
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L41	562632	adhesive	(USPAT)	OR	ON	ON	2013/12/11 06:58 PM
L42	57	L33 and L40 and L41	(USPAT)	OR	ON	ON	2013/12/11 06:58 PM
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L93	126675	electronic same cover	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/09 02:19 PM
L94	108	L92 and L93	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/09 02:19 PM
L95	205	griffin and non-slip	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/02/13 11:44 AM
L96	551	224/183	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:31 PM
L97	49072	magnet same (cover or protector)	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:32 PM
L98	141170	portable same case	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/02/13 01:37 PM
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L105	1306	700/22	(USPAT)	OR	OFF	OFF	2018/07/02 10:33 AM
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		<p>\$.did. or (US-8428664-\$ or US-7464814-\$ or US-8167127-\$ or US-7093742-\$ or US-D684568-\$ or US-8457701-\$ or US-8523029-\$ or US-8469245-\$ or US-8439239-\$ or US-8333310-\$ or US-8281512-\$ or US-6068119-\$ or US-7930006-\$ or US-8317067-\$ or US-D653190-\$ or US-8608120-\$ or US-3986780-\$ or US-3179367-\$ or US-9402016-\$ or US-D808378-\$ or US-D801960-\$ or US-D616430-\$ or US-8830663-\$).did. or (WO-2012051358-\$).did.</p>					
L109	1901	b62j11/00.cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2018/07/24 07:29 PM
L110	29	a45c13/1053.cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2018/07/24 07:30 PM
L111	4951	h04b1/3888.cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2018/07/24 07:40 PM
L124	60	<p>("10070707" "10093377" "10112670" "20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20110227735" "20120298820" "20130292270" "20130292296" "20140355200" "20160192752" "3179367" "3986780" "7523906" "7652888" "7685904" "7930006" "8167127" "8172247" "8267418" "8439239" "8469245" "8708151" "8800763" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9498034" "9592871" "9700114" "D564754" "D606738" "D627771"</p>	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/12/12 10:07 AM

L125	0	"D646672" "D647085" "D653190" "D654043" "D671932" "D685363" "D685785" "D687004" "D697060" "D711886" "D718290" "D725119" "D726170" "D726732" "D739857").PN. (("15456276") or ("13593220") or ("14260817") or ("14120319") or ("15356346") or ("14939231")).PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2018/12/12 01:43 PM
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L143	1892	a45c13/1069.cpc.	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2020/05/13 03:20 PM
L144	7244	b60r11/00.cpc.	(US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	2020/05/14 02:10 PM
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L147	4	"20160109276"	FPRS; EPO; JPO) (US-PGPUB; USPAT; FPRS; EPO; JPO)	OR	OFF	OFF	12:29 PM 2022/03/16 10:01 AM
L148	3	((("20160109276") or ("4412729")).PN.	(US-PGPUB; USPAT; USOCR; EPO; JPO)	OR	OFF	OFF	2022/03/16 10:01 AM
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		"8708151" OR "8800763" OR "8830663" OR "8936222" OR "9185953" OR "9243739" OR "9383774" OR "9402016" OR "9498034" OR "9592871" OR "9700114" OR "D564754" OR "D627771" OR "D646672" OR "D647085" OR "D653190" OR "D654043" OR "D671932" OR "D685363" OR "D685785" OR "D687004" OR "D697060" OR "D711886" OR "D718290" OR "D725119" OR "D726170" OR "D726732" OR "D739857").pn.					
L151	830	a45c13/1069.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/27 09:17 AM
L152	4771	a45c11/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/27 09:47 AM
L153	1750	magnet\$ AND L152	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/27 09:47 AM
L154	5	"20140151379" "20180206419" "20120152960"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/27 10:33 AM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N66	1089	206/701	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
N67	4113	206/320	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
N68	309	224/412	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
N69	488	224/929	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:17 PM
N70	67466	magnet and friction	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:23 PM
N71	5628	N66 N67 N68 N69	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:23 PM

N72	53	N70 and N71	(US-PGPUB; USPAT)	OR	ON	ON	2014/03/04 07:23 PM
N74	27	b62j9/02.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2015/07/10 04:36 PM
N75	21	B62J7/02	(US-PGPUB; USPAT)	OR	ON	ON	2015/07/10 05:01 PM
N76	34	B62J7/06	(US-PGPUB; USPAT)	OR	ON	ON	2015/07/10 05:01 PM
N112	2	(US-20070221694-\$ or US-20060061156- \$).did.	(US-PGPUB)	OR	OFF	OFF	2018/07/24 07:27 PM
N113	479	a45c2011/001.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:35 AM
N114	421	a45c13/1069.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:35 AM
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N117	3249	h04b1/3888.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:36 AM
N118	1882	b60r11/00.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:36 AM
N119	1286897	tab or projection	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:37 AM
N120	825454	mount	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:37 AM
N121	7045	N113 N114 N116 N117 N118	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:37 AM
N122	579	N119 and N120 and N121	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/07/31 11:37 AM
N123	931	f16b2001/0035.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/08/02 02:07 PM

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	17/118371
	Filing Date	December 10, 2020
	First Named Inventor	Whitten, Jeff
	Art Unit	3735
(Multiple sheets used when necessary)		Examiner
SHEET 1 OF 1		Attorney Docket No.
		Raven Collins
		ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	D852,681	07-02-2019	Peters et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	2	AU 201817027 S	01-03-2019	Annex Products Pty. Ltd.		
	3	AU 201817028 S	01-03-2019	Annex Products Pty. Ltd.		
	4	AU 201817029 S	01-03-2019	Annex Products Pty. Ltd.		
	5	CN 204785421 U	11-18-2015	Enix Products Pte. Ltd.		X
	6	CN 303239699 S	06-10-2015	Peters, Christopher		X
	7	EU 005832789	01-24-2019	Annex Products Pty. Ltd.		
	8	EU 005832813	01-21-2019	Annex Products Pty. Ltd.		
	9	EU 005832854	03-04-2019	Annex Products Pty. Ltd.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

56609535

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C/

Examiner Signature	/RAVEN COLLINS/	Date Considered	12/16/2022
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

T¹ - Place a check mark in this area when an English language Translation is attached.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)

Application Number	17118371	Filing Date	2020-12-10	Docket Number (if applicable)	ROK.019C6	Art Unit	3735
First Named Inventor	Jeff Whitten			Examiner Name	Raven Collins		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☒ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
Deposit Account No 111410

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature
Applicant Signature

Signature of Registered U.S. Patent Practitioner			
Signature	Curtiss C. Dosier/	Date (YYYY-MM-DD)	2022-11-11
Name	CURTISS C. DOSIER	Registration Number	46,670

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

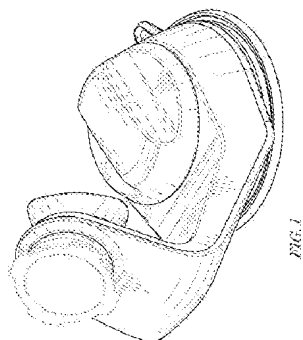
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



Car Mount

Locarno classification	08.08
Domestic classification	08-08Z
Design number	<u>201817028</u>
Application number	<u>201817028</u>
Registration office code	AU
Application language code	en
Application date	23/11/2018
Registration date	03/01/2019
Publication date	
Design description	Newness and distinctiveness resides in the visual features, including shape and configuration, of a Car Mount as shown in solid outline in the accompanying drawings. When determining whether the design is substantially similar in overall impression to another design, no regard is to be had to those features shown in dotted outline in the accompanying drawings, which features are provided for illustrative purposes only.
Expiry date	23/11/2023
Effective date	
Australia Last office data update 10/11/2022	

Design current status code

Application published

Design current status date

03/01/2019

Comment

Owner

Applicant Identifier

Applicant name

Annex Products Pty Ltd

Applicant legal entity

Applicant nationality code

Representative

Representative identifier

Representative's name

Griffith Hack

Applicant legal entity

Representative nationality code

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Level 10, 161 Collins Street

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Postcode

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Country code

AU

Correspondence address

No entry for the design no

Exhibition Priority

No entry for the design no

Priority

Priority number

29/648636

Country

US

Date

23/05/2018

Publication

No entry for the design no

DESIGNER

Designer identifier

Designer Address

Christopher PETERS

Designer identifier

Designer Address

Leigh RYAN

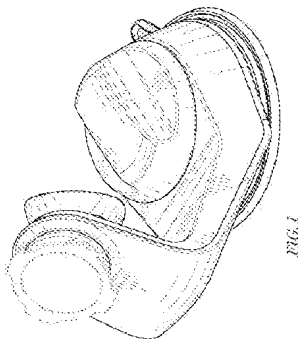
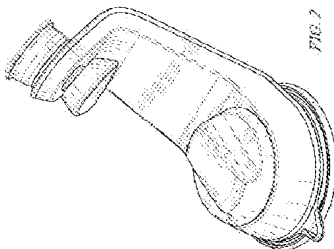
Renewals

No entry for the design no

Recordals

No entry for the design no

Representation (views of design)



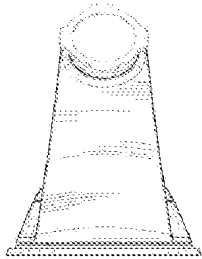


FIG. 3

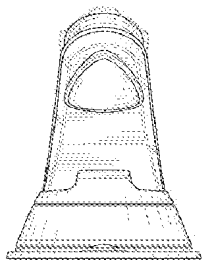


FIG. 4

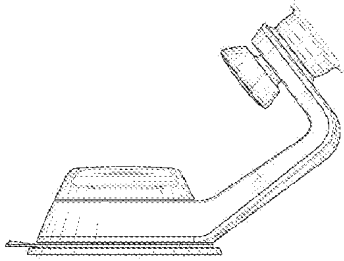


FIG. 5

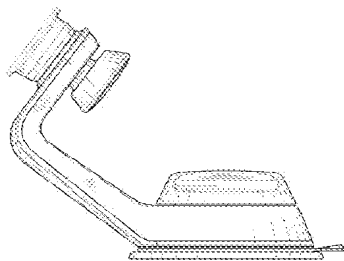


FIG. 6

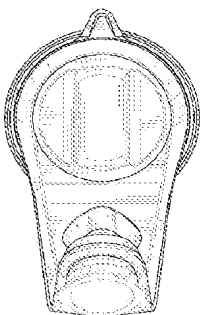


FIG. 7

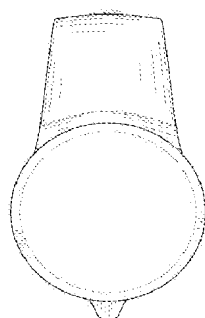


FIG. 8

DESCRIPTION OF FIG. 8 (FIG. 8)

- Fig. 8 is a perspective view of the lamp body.
Fig. 9 is a front elevation view of the lamp body of Fig. 8.
Fig. 10 is a front elevation view of the lamp body of Fig. 8.
Fig. 11 is a front elevation view of the lamp body of Fig. 8.
Fig. 12 is a front elevation view of the lamp body of Fig. 8.
Fig. 13 is a front elevation view of the lamp body of Fig. 8.
Fig. 14 is a front elevation view of the lamp body of Fig. 8.
Fig. 15 is a front elevation view of the lamp body of Fig. 8.

FIG. 16 is a front elevation view of the lamp body of Fig. 8.

1. [There is no name of invention in this document]

Application number CN201530034660

Application

date 2015.02.05

Public (announcement)

date 2015.06.10

Applicant (patent) by

Christopher Peters

Inventor

Christopher Peters

Summary

- ABSTRACT: 1. The name of the product of this design: a device for installing a hand-held electronic device. 2. Use of this design product: This design product is used to install handheld electronic equipment. 3. The design points of this design product: the shape of the device for installing the handheld electronic equipment. 4. The picture or photograph that best shows the main points of the design of this design: 3D drawing.

1. [此文献暂无发明名称]

申请号

CN201530034860

申请日

2015.02.05

公开（公告）日

2015.06.10

申请（专利权）人

克里斯多夫·彼得斯

发明人

克里斯多夫·彼得斯

摘要

- ABSTRACT : 1. 本外观设计产品的名称：安装手持电子设备的装置。 2. 本外观设计产品的用途：本外观设计产品用于安装手持电子设备。 3. 本外观设计产品的设计要点：安装手持电子设备的装置的形状。 4. 最能表明本外观设计设计要点的图片或照片：立体图。



(12) 外观设计专利

(10) 授权公告号 CN 303239699 S

(45) 授权公告日 2015.06.10

(21) 申请号 201530034860.2

(22) 申请日 2015.02.05

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(74) 专利代理机构 北京金信知识产权代理有限公司

公司 11225

代理人 黄威 王智

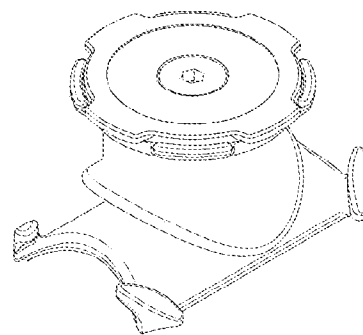
(51) LOC(10) CI.

14-99

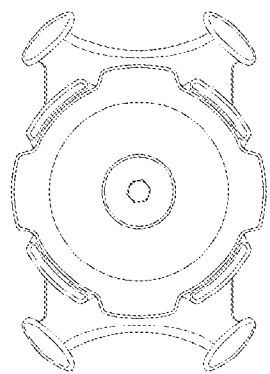
图片或照片 7 幅 简要说明 1 页

(54) 使用外观设计的产品名称

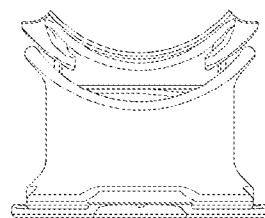
安装手持电子设备的装置



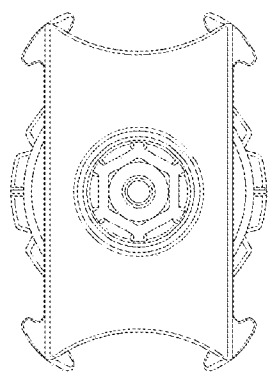
立体图



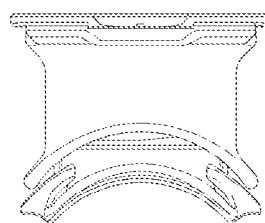
主视图



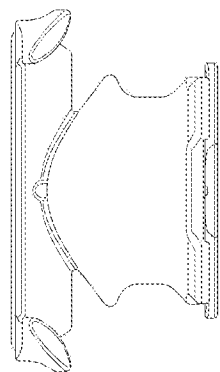
俯视图



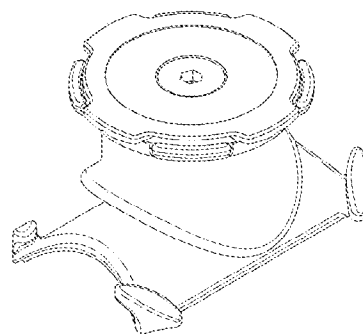
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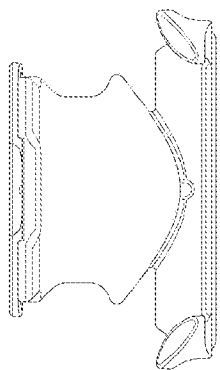
仰视图



左视图



立体图



右视图

1. 本外观设计产品的名称 : 安装手持电子设备的装置。
2. 本外观设计产品的用途 : 本外观设计产品用于安装手持电子设备。
3. 本外观设计产品的设计要点 : 安装手持电子设备的装置的形状。
4. 最能表明本外观设计设计要点的图片或照片 : 立体图。

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor: Jeff Whitten	Conf. No.: 7153
App. No.: 17/118,371	Filed: December 10, 2020
Examiner: Raven Collins	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

AMENDMENTS AND RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated July 11, 2022 in the above-referenced application, Applicant respectfully submits the following amendments and remarks for consideration:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (Previously Presented) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member that defines at least a portion of an exterior surface of the rear portion of the case, the flexible non-slip member comprising a non-slip material, wherein an interior surface of the flexible non-slip member defines an indentation;

a magnet received within the indentation of the flexible non-slip member such that a rear-facing surface of the magnet is covered by the flexible non-slip member; and

wherein the non-slip region further comprises an open space defined by the case, wherein the non-slip member is shaped to fit within the open space.

17. (Previously Presented) The case of Claim 16, further comprising a cover piece adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device.

18. (Previously Presented) The case of Claim 17, wherein the cover piece is made of the same material as the flexible non-slip member.

19. (Canceled)

20. (Previously Presented) The case of Claim 16, wherein the open space of the non-slip region is at least partially defined by a flange formed by the disposition of a smaller opening within a larger opening.

21. (Previously Presented) The case of Claim 20, wherein the flexible non-slip member contains a peripheral groove that engages the flange to removably couple the flexible non-slip member to the case.

22. (Previously Presented) The case of Claim 16, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

23. (Previously Presented) The case of Claim 22, wherein the frictional gripping exterior surface of the flexible non-slip member comprises roughened surface features.

24. (Previously Presented) The case of Claim 16, wherein the magnet is a rare-earth magnet.

25. **(Canceled)**

26. **(Canceled)**

27. **(Canceled)**

28. **(Canceled)**

29. **(Canceled)**

30. **(Canceled)**

31. **(Canceled)**

32. **(Canceled)**

33. **(Canceled)**

34. (New) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

an exterior-facing member configured to be removably received in the rear portion of the case, the exterior facing member having an indentation configured to receive at least one magnet.

35. (New) The case of Claim 34, wherein the at least one magnet is fully enclosed by the case and the exterior-facing member.

36. (New) The case of Claim 34, wherein the exterior-facing member is a non-slip member.

37. (New) The case of Claim 36, wherein the non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

38. (New) The case of Claim 34, wherein the magnet is removable from the exterior-facing member.

39. (New) The case of Claim 34, wherein the attachment region further comprises an open space configured to receive an interlocking member.

40. (New) The case of Claim 39, wherein the open space comprises four access spaces configured to receive corresponding tabs of an interlocking member.

41. (New) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

an attachment region on the rear portion of the case, the attachment region comprising:

an open space defining an interlock area, the interlock area being sized and shaped to receive a corresponding interlocking member, wherein the interlock area has four access spaces sized to receive corresponding tabs of the interlocking member when the interlocking member is attached to the mountable case; and

an exterior facing member configured to be removably received in a cavity in the rear portion of the case, the exterior facing member having an indentation configured to receive at least one magnet.

42. (New) The case of Claim 41, wherein the exterior-facing member is a non-slip member.

43. (New) The case of Claim 41, wherein the at least one magnet is removable from the exterior-facing member.

44. (New) The case of Claim 41, wherein the at least one magnet is fully enclosed by the case and the exterior-facing member.

REMARKS

This paper is filed in response to the Final Office Action dated July 11, 2022. Claims 16-18, 20-26, and 28-33 were pending in the application. By this amendment, Claims 25, 26 and 28-33 are canceled without prejudice or disclaimer and Claims 34-44 are added. No new matter has been added. Applicant respectfully requests reconsideration and allowance of the present claims in viewing of the following remarks.

New Claims

Applicant has added new Claims 34-44. No new matter has been added. These claims are supported throughout the specification and are patentable over Harchol (US 2008/0023508), Griffin (US 2008/0251512) and Fawcett (US 2011/0227735). Applicant respectfully requests allowance of Claims 25-33 along with the rest of the pending claims in the next action.

Double Patenting Rejection

Claims 16-18, 20-26, and 28-33 stand rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-12 and 14 of U.S. Patent No. 10,093,377. Claims 25, 26, and 28-33 have been canceled herein without prejudice or disclaimer.

Without agreeing with or acquiescing to the Examiner's rejections, and without agreeing to the characterization of U.S. Patent No. 10,093,377, or the claims of this application, and solely in the interest of advancing prosecution, Applicant submits herewith a Terminal Disclaimer disclaiming the terminal part of the statutory term of any patent granted on the above-referenced application which would extend beyond the expiration date of the full statutory term of U.S. Patent No. 10,093,377, as provided therein. The Terminal Disclaimer submitted herewith obviates the double patenting rejection of Claims 16-18, and 20-2 in view of Claims 1-12 and 14 of U.S. Patent No. 10,093,377. Applicant respectfully requests that the rejection of Claims 16-18, and 20-24 for double patenting be withdrawn.

Note Regarding Filing of Terminal Disclaimers Herewith

Applicant notes that the filing of a terminal disclaimer to obviate a rejection based on nonstatutory obviousness-type double patenting is not an admission regarding the propriety of the

Application No.: 17/118,371
Filing Date: December 10, 2020

rejection. *See* M.P.E.P § 804.02; *Quad Environmental Technologies Corp. v. Union Sanitary District*, 946 F.2d 870, 874 (Fed. Cir. 1991) (indicating that the “filing of a terminal disclaimer simply serves the statutory function of removing the rejection of double patenting, and raises neither a presumption nor estoppel on the merits of the rejection”).

No Disclaimers or Disavowals

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: November 14, 2022

By: /Curtiss C. Dosier/

Curtiss C. Dosier
Registration No. 46,670
Registered Practitioner
(949) 760-0404

INFORMATION DISCLOSURE STATEMENT

First Inventor: Whitten, Jeff	Conf. No.: 7153
App. No.: 17/118371	Filed: December 10, 2020
Examiner: Raven Collins	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

Mail Stop RCE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted. Any foreign references may also include English abstract(s) and/or machine translation(s), but no representation is made as to their accuracy.

If the Examiner would like additional information regarding these references or if anything is unclear, the Examiner is invited to contact the undersigned for assistance.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed after the mailing date of a final action, Notice of Allowance, or other action that closes prosecution. Please place these references in the file in accordance with 37 CFR 1.97(i).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: November 14, 2022

By: /Curtiss C. Dosier/

Curtiss C. Dosier

Registration No. 46,670

Registered Practitioner

(949) 760-0404

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	17/118371
	Filing Date	December 10, 2020
	First Named Inventor	Whitten, Jeff
	Art Unit	3735
(Multiple sheets used when necessary)	Examiner	Raven Collins
SHEET 1 OF 1	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	D852,681	07-02-2019	Peters et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	2	AU 201817027 S	01-03-2019	Annex Products Pty. Ltd.		
	3	AU 201817028 S	01-03-2019	Annex Products Pty. Ltd.		
	4	AU 201817029 S	01-03-2019	Annex Products Pty. Ltd.		
	5	CN 204785421 U	11-18-2015	Enix Products Pte. Ltd.		X
	6	CN 303239699 S	06-10-2015	Peters, Christopher		X
	7	EU 005832789	01-24-2019	Annex Products Pty. Ltd.		
	8	EU 005832813	01-21-2019	Annex Products Pty. Ltd.		
	9	EU 005832854	03-04-2019	Annex Products Pty. Ltd.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

56609535

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T¹ - Place a check mark in this area when an English language Translation is attached.



System for handheld electronic equipment of installation

Abstract

System for handheld electronic equipment of installation is including the casing and locking structure that have a mounting structure, and mounting structure through the locking structure with the part and part aligns and rotates and locks structure or casing and will lock the structure and attach the casing of receiving.

CN204785421U

China

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Other languages: Chinese

Inventor: 克里斯多夫彼得斯

Current Assignee : Enix products Pte Ltd

Worldwide applications

2015 [CN](#)

Application CN201520084199.0U **events** ⓘ

2015-02-05 Application filed by 克里斯多夫彼得斯

2015-02-05 Priority to CN201520084199.0U

2015-11-18 Application granted

2015-11-18 Publication of CN204785421U

Status Active

2025-02-05 Anticipated expiration

Info: Legal events, Similar documents, Priority and Related Applications

External links: Espacenet, Global Dossier, Discuss

Claims (19)

[Hide Dependent](#) ⌵

1. install the system of hand-hold electronic equipments, described system comprises:

Be suitable for being attached to the housing of hand-hold electronic equipments and the mounting structure in the wall of described housing, wherein said mounting structure to comprise by end wall at first end and the cavity that formed at the second end by least two arc convex, wherein between described at least two arc convex, forms at least two grooves; With

Have the locking structure being roughly circular wall, it has at least two arc convex and yearns for extension from the edge of described circular wall, and wherein at least two grooves are formed between at least two projections;

Wherein said locking structure is attached to described housing by following: by being aligned with at least two grooves of mounting structure by least two of locking structure arc convex, and forward locking structure or housing to until at least two arc convex of mounting structure align respectively at least in part with at least two projections of locking structure, be thus connected housing and locking structure.

2. system according to claim 1, wherein said locking structure comprises: bending mounting plate, from the outward extending cylinder mounting structure of described mounting plate, spring is attached to the lock collar of described cylinder mounting structure with loading, and is attached to described cylinder mounting structure and the lid coordinated with described lock collar.

3. system according to claim 2, wherein said bending mounting plate comprises multiple locking mechanism, and it comprises stretch out wall and the projection being generally perpendicular to the wall extension that stretches out.

4. system according to claim 3, comprise one or more O-ring further, it is attached to the projection of described locking mechanism, and is centered around around tubular article to hold described locking structure on described tubular article.
5. system according to claim 2, wherein said cylinder mounting structure comprises the first wall that contiguous described mounting plate is arranged and the second cylindrical wall extended from the first cylindrical wall, and wherein said first cylindrical wall has the diameter larger than the diameter of the second cylindrical wall further, to produce smooth ledge between described first ball wall and the second cylindrical wall.
6. system according to claim 5, the outer surface of contiguous described second cylindrical wall of its medi-spring is placed, the first end of its medi-spring and flat wall bridge joint touch, and further wherein said lock collar is placed on around described second cylindrical wall, and comprise the annular ledge extended internally with the second end in contact of spring, make described lock collar be compressed in the spring between described annular ledge and smooth ledge to the movement of mounting plate.
7. system according to claim 6, comprise at least one projection of extending or groove that the outer surface along first wall extends further, with other the protruding or groove of the elongation that at least one internal surface along lock collar extends, make projection or the groove fit of the elongation of the projection of the elongation of first wall or groove and described lock collar, with guiding locking sleeve pipe during the movement of lock collar.
8. system according to claim 6, wherein said lock collar is included in the annular ledge that extends internally outward extending inversion frustum of a cone body wall, and wherein said inversion frustum of a cone body wall comprises at least two annular grooves and at least two annular protrusions at its end.
9. system according to claim 8, wherein said locking structure is the form of the lid being attached to cylinder mounting structure, and make when spring is not by compression, at least two arc convex of locking structure are placed at least two annular grooves of lock collar.
10. system according to claim 9, wherein when at least two arc convex of the mounting structure of housing align respectively with at least two projections of locking structure at least in part, two annular protrusions of locking structure are arranged at least two grooves of the mounting structure of housing, and attachment locking structure is to housing and stop locking structure to remove from housing.
11. systems according to claim 9, wherein cylinder mounting structure be included in the second cylindrical wall further end between and surround the end wall of end of the second cylindrical wall at least in part, described end wall has through the first hole wherein, second hole extends through the center of lid, and fastening piece is inserted through the first hole in the second hole of lid and end wall, wherein the head of fastening piece holds the fastening piece that the fastening piece of contiguous lid and nut hold adjacent end wall, will to cover be connected with cylinder mounting structure to be used in lid with the lock collar between cylinder mounting structure.
12. systems according to claim 9, wherein said lid comprises at least one the cylindrical support wall extended from its first surface, and extends and at least two the triangle radial walls aligned with at least two arc-shaped protrusions of mounting structure from cylindrical support wall.
13. systems according to claim 12, wherein the inversion frustum of a cone body wall of lock collar comprises the denation of at least two groups, wherein, when lid is attached to cylindrical mounting structure, the triangle radial wall of lid is placed in the groove that formed by the denation of this group.
14. systems according to claim 1, wherein locking structure comprises the second wall separated by one or more wall and circular wall further.
15. systems according to claim 12, wherein circular wall and the second wall separate by center circle post jamb with from least two planar walls that cylindrical wall radial direction extends.
16. systems according to claim 13, wherein the projection of radial extent stretches out from the rear surface of at least two arc convex of circular wall.
17. systems according to claim 14, wherein when at least two arc convex of mounting structure align at least in part respectively with at least two projections of locking structure, the radial extent projection of the arc convex of circular wall is placed in the groove on the internal surface of at least two arc convex of the mounting structure of housing.

The system of 18. installation hand-hold electronic equipments, described system comprises:

The wall of the first substantial circular, it has at least two arc convex extended from the edge of the first circular wall; With

Second wall, itself and first wall are separated by one or more support;

Each wherein at least two arc convex comprises the first surface that facing away from the second wall and the second surface in the face of the second wall, and each at least two arc convex comprises the projection of radial extent further, described projection extends along the second surface of at least two arc convex.

The system of 19. installation hand-hold electronic equipments, described system comprises:

Be suitable for the base being attached to tubular-shaped structures, described base comprises base wall, and it has from wherein extending the first surface of guide plate and being suitable for being attached the second-phase effects on surface of tubular-shaped structures;

Be attached to the lid of the end of the guide plate on first surface opposite; With

Be arranged on the lock collar on guide plate, wherein said lock collar faces toward lid in non-actuated position, and wherein starts lock collar by lock collar being moved to base wall spring-loading.

Description

The system of hand-hold electronic equipments is installed

Technical field

Present invention relates in general to hand-hold electronic equipments, and relate more specifically to the device housing of hand-hold electronic equipments being attached to one or more object.

Background technique

Research and develop and sold out multiple device, to help protection and/or to fix hand-hold electronic equipments. Such as, sell dissimilar housing, its surround and protection hand-hold electronic equipments below and side. Some housings are made up of rigidity plastics, and can fasten on hand-hold electronic equipments. Other housing is made up of flexible material, and it can carry out operating to be attached and to protect hand-hold electronic equipments.

A kind of device such as fixing hand-hold electronic equipments in car or other vehicle comprises the thin layer of rubber, plastics or other flexible material. The first surface viscosity of this thin layer or the material coating of being clamminess, make this first surface can be attached to instrument panel or other on the surface. The second surface of this thin layer is also with viscosity or the material coating of being clamminess, and make when first surface is attached to from a non-horizontal surface, hand-hold electronic equipments can be attached and support on second surface.

Along with the increase of hand-hold electronic equipments quantity, therefore there is the expectation of carrying hand-hold electronic equipments at any time. Consumer always finds new device and accessory, uses their hand-hold electronic equipments by them, and they allow the hand-hold electronic equipments universally using them. As long as hand-hold electronic equipments remains various daily necessities, Zong exist for the use new device of this hand-hold electronic equipments and the demand of accessory.

Model utility content

According to an aspect of the present invention, the system of hand-hold electronic equipments is installed and comprises the housing that is suitable for being attached to hand-hold electronic equipments and the mounting structure in the wall of housing. Mounting structure to comprise by end wall at first end and the cavity that formed at the second end by least two arc convex, wherein between these at least two arc convex, forms at least two grooves. This system comprises the locking structure having and be roughly circular wall further, and have at least two arc convex and yearn for extension from the edge of circular wall, wherein at least two grooves are formed between these at least two projections. Locking structure is attached to housing by following: by being aligned with at least two grooves of mounting structure by least two of locking structure arc convex, and forward locking structure or housing to until at least two arc convex of mounting structure align respectively at least in part with at least two projections of locking structure, be thus connected housing and locking structure.

At different aspect of the present invention, the method for installing hand-hold electronic equipments comprises the step providing housing, and this housing has first wall and one or more sidewall, and they are formed and are suitable for the attachment main body of hand-hold electronic equipments and the mounting structure in first wall. At least two grooves that mounting structure comprises at least two arc convex and formed between at least two projections. The method comprises the step providing locking structure further, and this locking structure has the wall being roughly circle, and it has at least two from the outward extending arc convex in the edge of circular wall, and wherein at least two grooves are formed between at least two projections. Also further, the method comprises the following steps: inserted by least two of locking structure arc convex at least two grooves of mounting structure, and twist-lock structure or housing, until at least two of mounting structure arc convex align respectively at least in part with at least two projections of locking structure, be thus connected housing and locking structure.

Of the present invention further in, install the system of hand-hold electronic equipments and comprise: the first circular wall substantially, this wall has the projection that at least two edges from the first circular wall extend, With the second wall separated by one or more support and first wall. Each at least two arc convex comprises the first surface that facing away from the second wall and the second surface in the face of the second wall, and each at least two arc convex comprises the projection of radial extent further, this projection extends along the second surface of at least two arc convex.

Go back in another of the present invention, the system of installing hand-hold electronic equipments comprises the base being suitable for being attached to tubular-shaped structures, and this base comprises base wall, and it has from wherein extending the first surface of guide plate and being suitable for being attached the second-phase effects on surface of tubular-shaped structures. This system is arranged on the lock collar on guide plate with comprising the lid of the end of the guide plate be attached on first surface opposite and spring-loading further. Lock collar faces toward lid in non-actuated position, and starts lock collar by lock collar being moved to base wall.

Accompanying drawing explanation

Fig. 1 is the top isometric view of the first mode of execution of device hand-hold electronic equipments being attached to object or surface, and this device comprises the mounting mechanism being attached to tubular-shaped structures, the lock collar being attached to mounting mechanism substantially and is attached to mounting mechanism and the lid coordinated with lock collar;

Fig. 2 is the lateral plan of the device of Fig. 1;

Fig. 3 is the exploded view of the device of Fig. 1;

Fig. 4 generally along the line 4-4 of Fig. 1 and is presented at the viewgraph of cross-section of lock collar of loading spring in prolongation or locked position;

Fig. 5 is similar to the view of Fig. 4 and is described in the viewgraph of cross-section of lock collar of loading spring in compression or unlocked position;

Fig. 6 is the top isometric view of the mounting mechanism of large volume description in Fig. 1;

Fig. 7 is the lateral plan of the mounting mechanism of Fig. 6;

Fig. 8 is the viewgraph of cross-section that generally along Fig. 6 line 8-8;

Fig. 9 is the top isometric view of the lock collar of large volume description in Fig. 1;

Figure 10 is the lateral plan of Fig. 9 lock collar;

Figure 11 is substantially along the viewgraph of cross-section of Fig. 9 line 11-11;

Figure 12 is the plane view of bottom of Fig. 9 lock collar;

Figure 13 is the top plan view of the lid of large volume description in Fig. 1;

Figure 14 is the lateral plan of the lid of Figure 13;

Figure 15 is the top isometric view of the lid of Figure 13;

Figure 16 is the end isometric view of the lid of Figure 13;

Figure 17 is the top plan view of attachment hand-hold electronic equipments to the second mode of execution on object or surface;

Figure 18 is the lateral plan of the device of Figure 17;

Figure 19 is the end isometric view of the device of Figure 17;

Figure 20 is the top isometric view of the device of Figure 17;

Figure 21 is for the top isometric view of hand-hold electronic equipments with the housing for using together with the device of Fig. 1 with Figure 17;

Figure 22 is the end isometric view of the housing of Figure 21;

Figure 23 is the top plan view of the housing of Figure 21;

Figure 24 is the viewgraph of cross-section of the line 24-24 that generally along Figure 22;

Figure 25 is the device isometric view of the Fig. 1 being attached to Figure 21 housing;

Figure 26 is the viewgraph of cross-section that generally along Figure 25 line 26-26;

Figure 27 is the isometric view of Figure 17 device being attached to Figure 21 housing; With

Figure 28 is the viewgraph of cross-section that generally along Figure 27 line 28-28.

After considering the following detailed description, other aspects and advantages of the present invention will become obvious, and wherein similar structure has same or similar reference number.

Embodiment

The present invention relates to the device of attachment hand-hold electronic equipments to object or surface. Although the present invention can embody in many different forms, several embodiment is discussed herein, should be appreciated that the present invention only should be considered to the example of principle of the present invention, and it is not intended to the mode of execution limiting the invention to explanation.

With reference to accompanying drawing, Fig. 1-3 describes with first mode of execution of the attachment hand-hold electronic equipments of tubular shaped base locking system 30 form to the device of object. Tubular shaped base locking system 30 comprises mounting mechanism 32, spring 34, lock collar 36 and lid 38 substantially.

With reference to Fig. 3 and 6-8, mounting mechanism 32 comprises the bending mounting plate 40 with multiple locking mechanism 42, and locking mechanism 42 extends from the angle 44 of mounting plate 40. Each in locking mechanism 42 comprises the wall 44 upwards extended, and wall 44 has extend internally outstanding 46, and its function will discuss in more detail following. Mounting plate 40 has the curved shape meeting tubular article 48 substantially, the tubular wand of tubular article 48 such as bicycle or other similar structure. The lower surface 50 of mounting plate 40 is suitable for being attached to tubular article 48, as discussed below.

Cylinder mounting structure 60 stretches out from the upper surface 62 of mounting plate 40. Mounting structure 60 comprises lower wall 64 and from the outward extending upper wall 66 of lower wall 64. Lower wall 64 has the diameter of the diameter being greater than upper wall 66, forms plane ledge 68 thus between wall 64, 66. Vertical outstanding 70 of two relative elongations stretch out from lower wall 64, and are in substantially parallel relationship to the vertical shaft 72 (Fig. 7) of mounting mechanism 60. Outstanding 70 180 degree of layouts each other, and align with the transverse axis 74 (Fig. 6) of mounting plate 40 substantially, wherein transverse axis 74 is perpendicular to the longitudinal axis 76 (Fig. 6) of mounting plate 40. Although describe two outstanding 70, one or more outstanding 70 can be used.

The upper wall 66 of cylinder mounting mechanism 60 comprises the top wall 80 having and run through in hole 82. Four annular wall 83 stretch out from the edge 84 of upper wall 66, between each annular wall 83, form recess 86.

With reference to Fig. 3 and 9-12, lock collar 36 comprises center circle post jamb 90, has the skirt 92 from the first end 94 of cylindrical wall 90 to downward-extension. Skirt 92 comprises alternately downward extension portion 96 and upwards extension 98, and they form the general curved shape of contiguous upwards extension, and it meets the curved shape of mounting plate 40.

Lock collar 36 comprises the second end 102 outward extending inversion frustum of a cone body wall 100 from cylindrical wall 90 further. Inversion frustum of a cone body wall 100 comprises outward extending four annulars in edge 106 outstanding 104 from being inverted frustum of a cone body wall 100, is inverted frustum of a cone body wall 100 and has the groove 108 giving prominence to formation between 104 in annular. Each in groove 108 to be included in groove 108 recess 109 in the heart, and its function will in following description. The central point 110 of outstanding 104 with about 45 degree layout, and gives prominence to 104 with 90 degree of layouts for being close to relative to the longitudinal axis of lock collar 36 and transverse axis 111, 112 (Fig. 9 and 12). The triangle outstanding 114 of array stretches out from inversion frustum of a cone body wall 100 and forms groove 116 betwixt.

As seen the clearest in fig. 11, the second end 102 of the cylindrical wall 90 of annular ledge 120 between cylindrical wall 90 and inversion frustum of a cone body wall 100 extends internally. In addition, groove 121 is formed in the internal surface 122 of lock collar 36, as finding in fig. 12. Groove 121 is parallel to the vertical shaft 124 (Figure 11 and 12) of lock collar 36, and aligns with the transverse axis 112 of sleeve pipe 36.

With reference to Fig. 3 and 13-16, lid 38 comprises smooth circular top wall 130, and it has outward extending four arcs outstanding 132 from the edge 134 of top wall 130, and its further groove 135 is formed between arc outstanding 132. Arc gives prominence to the center line 136 of each in 132 relative to contiguous arc outstanding 132 with 90 degree of layouts, as finding in fig. 13. The central circular shaped section 140 of top wall 130 comprises angled wall 144, and it is inside and reduce gradually downwards, produces circular port 142. The head that angled wall 144 forms wherein screw or other fastening piece substantially can carry out the shape held.

Lid 38 comprises the first cylindrical wall 150 further, and it stretches out from the bottom surface 152 of lid 38 and inwardly separates with the edge 134 of lid 38. Second cylindrical wall 154 extends from bottom surface 152 further, and inwardly separates with the first cylindrical wall 150 and outwards separate with circular port 142. As found out in figure 16, radial support wall 156 extends and separates with 90 degree each other between the first and second cylindrical walls 150, 154, and substantially and the arc center line 136 of giving prominence to 132 align. The triangular walls 158 with outer ramp surface 160 extends between the first cylindrical wall 150 and the edge 134 of lid 38, and the center line 136 that wherein triangular wall 158 and radial support wall 132 and arc give prominence to 132 aligns.

As finding in figure 16, outstanding 170 of radial extent gives prominence to the bottom surface 172 of each 132 to downward-extension from arc, the center line 136 that wherein radial direction outstanding 170 gives prominence to 132 along arc extends, and aligns with radial support wall 132 and triangular support wall 158.

By inserting spring 34 on the upper wall 66 of cylindrical mounting structure 60, assembling tubular shaped base locking system 30, as finding in figure 3. Spring 34 has the diameter that is greater than upper wall 66 but is less than the diameter of the diameter of lower wall 64, and on the smooth ledge 66 spring 34 being placed in formed between lower wall 64 and upper wall 66, its medi-spring 34 separates with the outer surface 180 of upper wall 66 or contacts.

By vertical outstanding 70 alignment of two relative elongations of the cylindrical mounting structure in the groove 121 that will be formed in the internal surface 122 of lock collar 36, after this lock collar 36 is being arranged on cylindrical mounting structure 60. In this position, the part 98 upwards extended of the skirt 92 of lock collar 36 separates with the core 182 of bending mounting plate 40, and separates to the part 96 of downward-extension with the downward extending end 184 of bending mounting plate 40.

When after the assembling of cylindrical mounting structure 60, spring 34 and lock collar 36, lid 38 is placed on the top of mounting sleeve 36, and the radial support wall 156 of its middle cover 38 extends through the recess formed by the annular wall 83 of mounting structure 60. This

makes lid 38 align with each arc in the groove 105 of lock collar 36 outstanding 132. So, give prominence to bottom surface 172 extension of 132 from arc outstanding 170 reside in recess 109. In addition, the triangular wall 158 extended from the bottom surface 152 of lid 38 is positioned at gives prominence to 114 grooves formed 116 by the triangle of lock collar 36.

Screw 190 or other fastening piece are inserted in the hole 142 of lid 38, and making the truncated cone of the inversion substantially head of screw 142 hold dependence has angled wall 144, and the core of screw 142 extends through the hole 82 in the top wall 80 of cylindrical mounting structure 60. Nut 192 is fixed on screw 190, until the lower surface of the upper surface adjacent top wall 80 of nut 192, is fixed together by the assembly of tubular shaped base locking system 30 thus.

After assembling, tubular shaped base locking system 30 can be attached to tubular article 48. Particularly, bending mounting plate 40 is positioned on tubular article 48, and the longitudinal axis 76 of mounting plate 40 is parallel to the longitudinal axis 210 (see Fig. 2) of tubular article 48. Rubber sheet gasket 211 can be arranged between mounting plate 40 and tubular article 48, to stop the movement of tubular shaped base locking system 30 and to stop the damage to tubular article 48. As finding in fig. 2, two O-rings 212 can be used, to be attached mounting plate 40 to tubular article 48. What in O-ring 212, the first locking mechanism 42 lived by the lopping end hook of each extends internally outstanding 46, and then O-ring 212 is around tubular article 48, and the relative lopping end of O-ring 212 be attached to the second locking mechanism 42 extend internally outstanding 46. Each in O-ring 212 can be attached to locking mechanism 42, and locking mechanism 42 aligns along the transverse axis 74 of mounting plate 40. Optionally, can use single O-ring 212, single O-ring 212 can be attached to each in locking mechanism 42, or any amount of O-ring 212 can be attached to any amount of locking mechanism 42 and/or arbitrary locking mechanism 42. Band 214 can additionally or alternatively be used to be attached tubular support system 30 to tubular article 48. If used, band 214 can around the pipe 48 between cylindrical mounting structure 60 and the locking mechanism often organized and mounting plate 40, as described in fig. 2.

Describe in Figure 17-20 with second mode of execution of the attachment hand-hold electronic equipments of locking base 250 form to the device of object. Locking base 250 comprises the first and second separation plates 252, 254. First plate 252 is general cylindrical, has outstanding 256, first plate 252 of the arc extended from the edge 258 of the first plate 252 and has the groove 259 giving prominence to formation between 256 at arc. The center line 260 of each that arc is given prominence in 256 gives prominence to 256 with 90 degree of layouts relative to contiguous arc. As described in Figure 19, outstanding 262 of radial extent is given prominence to the rear surface 264 of each 256 from arc and is stretched out, and the center line 260 that wherein radial direction outstanding 262 gives prominence to 132 along arc extends.

The central circular shaped section 270 of the first plate 252 includes angled wall 272, and it is inside and reduce gradually downwards, forms the first circular port 274. The head having angled wall 272 usually to form wherein screw or other fastening piece can carry out the shape held. With reference to Figure 19, the second circular port 280 extends through the second plate 254, and aligns along the vertical shaft of locking base 250 with the first hole 274.

Can see clearly in Figure 18-20, locking base 250 is included in extension and the cylindrical wall 290 around the first and second holes 274, 280 between the first and second plates 252, 254 further. Four radial walls 292 extend outwardly into the edge 258 of the first plate 252 from cylindrical wall 290. Radial wall 292 extends between the first and second plates 252, 254, and substantially aligns with radial extent outstanding 262. The quantity of wall 292 and orientation can be revised, as long as the first and second plates 252, 254 separate and are separately enough to permission equipment and are attached to the first plate 252, as discussed in more detail below.

Locking base 250 can be attached to vertically in a multitude of different ways, level or angled surface or structure. For example, referring to Figure 18, locking base 250 can have the two-sided adhesive structure 300 of the outer surface being attached to the second plate 254. The first surface 304 of attachment structure 300 can adhesively be attached to outer surface 302, and the second face 306 can comprise the Bond with the thin slice 308 that can remove. Be separated from outer surface 302 when removing thin slice 308, adhesive structure 300 can be attached to surface or structure. Optionally, screw, bolt or other fastening pieces can be inserted through the first and second holes 274, 280 (head of possible fastening piece holds the angled wall 272 of dependence) and be fixed to surface or structure.

Big envelope 350 describes in Figure 21-24, and it can be attached to hand-hold electronic equipments with typical way. Big envelope 350 can use in combination with tubular shaped base locking system 30 or locking base 250, as described in more detail below. Big envelope comprises first wall 352, such as, for covering the rear surface of hand-hold electronic equipments. Multiple side walls 354 stretches out from the edge 356 of first wall 352, and is such as suitable for the side covering hand-hold electronic equipments. Side walls 354 can comprise any amount of hole 355 of the assembly for accessing hand-hold electronic equipments. Although a kind of mode of execution of big envelope 350 illustrates at this and describes, not departing from the big envelope that can use any size or shape in scope of the present invention.

Circular mounting structure 360 is arranged in the core 362 of first wall 352. Mounting structure 360 comprises the first annular ring 364 outwards reduced gradually from first wall 352, and is in substantially parallel relationship to first wall 352 and is arranged in the second annular ring 366 between the first annular ring 364 and base 368. As seen the clearest in fig. 24, base 368 comprises cylindrical wall 370, it perpendicular to and extend internally from the inward flange 372 of the second annular ring 366. Circular wall 374 surrounds the end 376 of cylindrical wall 370 to produce cavity 378. Four annulars separated are given prominence to 380 and are extended internally from the inward flange 372 of the second annular ring 366, between arc outstanding 380, form groove 382. As seen in Figure 21 and 22, opening 383 is arranged in be given prominence to arc in 380 relative circular walls 374. Radial groove 384 is given prominence on the internal surface 386 of 380 at arc and is formed (see Figure 24).

Big envelope 350 with reference to Figure 25-26, Figure 21-24 can be attached to the tubular shaped base locking system 30 of Fig. 1-16 and the locking base 250 of Figure 17-20. Particularly, with reference to Figure 25 and 26, big envelope 350 can be attached to tubular shaped base locking system 30, before or after tubular shaped base locking system 30 is attached to surface or structure. Align respectively with the arc of tubular shaped base locking system 30 outstanding 132 and groove 135 by the groove 382 of big envelope 350 and arc being given prominence to 380, big envelope 350 is installed to tube-like lock fixed system 30. In this position, spring 34 outwards partially, makes sleeve pipe face toward lid 38, as seen in Figure 4. Due to this alignment, pressure is being applied to tubular shaped base locking system 30 towards the direction D of mounting plate 40. This pressure makes the arc of big envelope 350 give prominence to 380 interference and stops the movement of annular outstanding 104, and the sleeve pipe 36 of propelling loading spring is to mounting plate 40 thus, the deflection of antagonism spring 34. This mobile arc of lid 38 that allows gives prominence to the groove 382 that 132 enter lid 350, wherein then user can rotate whole tubular shaped base locking system 30 (or lid 350) 45 degree, align until the arc of lock collar 36 gives prominence to 132 with the arc outstanding 380 of lid 350, and annular outstanding 104 snaps onto the groove 382 of lid 350, facing to the deflection of spring 34, stop the rotation of tubular shaped base locking system 30 or lid 350. In this position, in the radial groove 38 of lid 350, arrange the radial extent outstanding 170 of lid 38, to help the rotation stopping lid 350 or tubular shaped base locking system 30 further, lock collar 36 is not pulled to mounting plate 40, facing to the deflection of spring 34. Similarly, in order to remove lid 350 from tubular shaped base locking system 30, lock collar 36 must be pulled to mounting plate 40, facing to the deflection of spring 34, rotates tubular shaped base locking system 30 until the arc of lid 38 gives prominence to 132 alignment in the groove 382 of lid 350 simultaneously.

Locking base 250 is attached to lid 350, as seen in Figure 27 and 28, aligns respectively with the arc outstanding 256 and groove 259 that lock base 250 by the groove 382 of lid 350 and arc being given prominence to 380. Lid 350 (or locking bases 250) are after this rotating about 45 degree, until the arc of lid 350 gives prominence to outstanding 256 alignment of arc of 380 and locking base 250, and the radial extent that arc gives prominence to 256 is given prominence to 262 and is snapped onto arc and give prominence in the radial groove 384 of 380. Lid 350 must be pushed to locking base 250 and rotate, and object removes lid 350 from locking base 250.

Although describe the outstanding and groove 132, 135 of four groups on lid 38, locking base 250 describes the outstanding and groove 380, 382 of four groups, with the outstanding and groove describing four groups on lid 350, but the outstanding of two or more groups and groove can be used on lid 38, locking base 250 and lid 350 are arbitrary, as long as the quantity of the groove in lid 350 at least equals the outstanding quantity on lid 38 and locking base 250.

Can modify at arbitrary mode of execution described herein, to comprise together with arbitrary structure or method disclosed in other mode of execution.

Further, although direction term, such as forward and backward, upper and lower, top, bottom etc., can use, it should be understood that this term is not restricted in whole specification, and herein only for passing on different elements orientation relative to each other.

Consider aforementioned description, numerous modifications of the present invention will be apparent for those skilled in the art. Therefore, this description should be interpreted as being only illustrative, and is to enable those skilled in the art manufacture and using and instruct the object of optimal mode implementing it. The exclusivity right of all modifications within the scope of accessory claim retains.

Similar Documents

Publication	Publication Date	Title
US9243739B2	2016-01-26	System and method for mounting a handheld electronic device
US11378257B2	2022-07-05	Low-profile niche for underwater pool/spa lights
US7276661B2	2007-10-02	Electrical box extension
US7145075B2	2006-12-05	Mud box and adapters
US7078616B2	2006-07-18	Floor box
US5679924A	1997-10-21	Non-metallic floor box
US8748744B2	2014-06-10	Electrical box extender assembly
US20170274966A1	2017-09-28	A floating unit and a floating structure assembled from such floating units
TW201200384A	2012-01-01	Foot pad clamp
WO2009085195A2	2009-07-09	Electrical connector with tethered cover
EP1258641B1	2005-08-17	Cover for a threaded connecting member
CN204785421U	2015-11-18	System for handheld electronic equipment of installation

US20130017094A1	2013-01-17	Screw assembly
JP6439547B2	2018-12-19	Ring member fixing structure and electronic key
CN105723570B	2018-10-16	The adapter of sealing cover for Electrical interconnections
EP2777991B1	2017-07-19	Multifunctional adaptor
CN1066535A	1992-11-25	Two or the many separators that cable core is used
US20220006274A1	2022-01-06	Round adjustable mud ring assembly
CN203834838U	2014-09-17	Guardrail
US9553436B2	2017-01-24	Floor box cover
JP2019075234A	2019-05-16	Grommet
CN211791623U	2020-10-27	Ready-package mobile phone model
CN215596972U	2022-01-21	Wireless embedding table buckle fixed knot that fills constructs
KR20170003403U	2017-10-11	Multi-clamp for mobile lamp
US11192135B2	2021-12-07	Device to facilitate painting of molding

Priority And Related Applications

Priority Applications (1)

Application	Priority date	Filing date	Title
CN201520084199.0U	2015-02-05	2015-02-05	System for handheld electronic equipment of installation

Applications Claiming Priority (1)

Application	Filing date	Title
CN201520084199.0U	2015-02-05	System for handheld electronic equipment of installation

Legal Events

Date	Code	Title	Description
2015-11-18	C14	Grant of patent or utility model	
2015-11-18	GR01	Patent grant	
2020-08-14	TR01	Transfer of patent right	
2020-08-14	TR01	Transfer of patent right	<p>Effective date of registration: 20200728</p> <p>Address after: Prahan, Victoria, Australia</p> <p>Patentee after: Enix products Pte Ltd</p> <p>Address before: Glen Ellis, Australia</p> <p>Patentee before: CHRISTOPHER PETERS</p>

Concepts

machine-extracted

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Name	Image	Sections	Count	Query match
 installation		title,claims,abstract	4	0.000
 bending		claims,description	6	0.000
 compression		claims,description	2	0.000
 effects		claims,description	2	0.000
Show all concepts from the description section				



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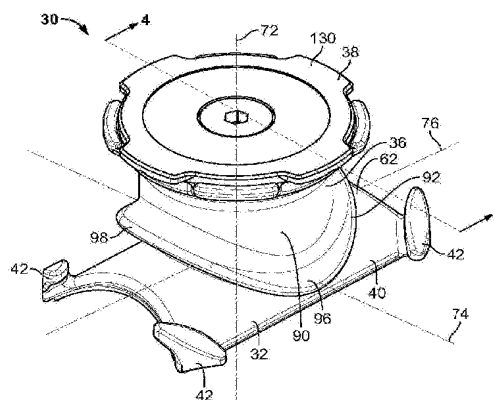
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(54) 实用新型名称

安装手持电子设备的系统

(57) 摘要

安装手持电子设备的系统包括具有安装结构的壳体和锁定结构,通过将部分的锁定结构与部分的安装结构对齐以及转动锁定结构或壳体将锁定结构附接到壳体。



1. 安装手持电子设备的系统,所述系统包括:

适合于附接到手持电子设备的壳体和与所述壳体的壁内的安装结构,其中所述安装结构包括由端壁在第一端和由至少两个弧形凸起在第二端形成的空腔,其中在所述至少两个弧形凸起之间形成至少两个凹槽;和

具有大体为圆形壁的锁定结构,其具有至少两个弧形凸起从所述圆形壁的边缘向往延伸,其中至少两个凹槽在至少两个凸起之间形成;

其中所述锁定结构通过以下附接到所述壳体:通过将锁定结构的至少两个弧形凸起与安装结构的至少两个凹槽对齐,并转到锁定结构或壳体直到安装结构的至少两个弧形凸起与锁定结构的至少两个凸起分别至少部分地对齐,由此连接壳体和锁定结构。

2. 根据权利要求1所述的系统,其中所述锁定结构包括:弯曲安装板,从所述安装板向外延伸的圆柱安装结构,弹簧加载地附接到所述圆柱安装结构的锁定套管,和附接到所述圆柱安装结构并与所述锁定套管配合的盖。

3. 根据权利要求2所述的系统,其中所述弯曲安装板包括多个锁紧机构,其包括向外延伸壁和大体垂直于向外延伸壁延伸的凸起。

4. 根据权利要求3所述的系统,进一步包括一个或多个O-环,其附接到所述锁紧机构的凸起,和围绕在管状物品周围以容纳所述锁定结构在所述管状物品上。

5. 根据权利要求2所述的系统,其中所述圆柱安装结构包括邻近所述安装板布置的第一壁和从第一圆柱壁延伸的第二圆柱壁,并且进一步地其中所述第一圆柱壁具有比第二圆柱壁的直径大的直径,以在所述第一圆柱壁和第二圆柱壁之间产生平坦壁架。

6. 根据权利要求5所述的系统,其中弹簧邻近所述第二圆柱壁的外表面放置,其中弹簧的第一端与平坦壁架接触,并且进一步其中所述锁定套管放置在所述第二圆柱壁周围,并且包括与弹簧的第二端接触的向内延伸的环形壁架,使得所述锁定套管向安装板的移动压缩在所述环形壁架和平坦壁架之间的弹簧。

7. 根据权利要求6所述的系统,进一步包括沿着第一壁的外表面延伸的至少一个伸长的凸起或凹槽,和至少一个沿着锁定套管的内表面延伸的伸长的其它凸起或凹槽,使得第一壁的伸长的凸起或凹槽和所述锁定套管的伸长的凸起或凹槽配合,以在锁定套管的移动期间引导锁定套管。

8. 根据权利要求6所述的系统,其中所述锁定套管包括在向内延伸环形壁架向外延伸的倒置截头圆锥体壁,其中所述倒置截头圆锥体壁在其末端包括至少两个环形凹槽和至少两个环形凸起。

9. 根据权利要求8所述的系统,其中所述锁定结构是以附接到圆柱安装结构的盖的形式,使得当弹簧不被压缩时,锁定结构的至少两个弧形凸起放置在锁定套管的至少两个环形凹槽内。

10. 根据权利要求9所述的系统,其中当壳体的安装结构的至少两个弧形凸起至少部分地与锁定结构的至少两个凸起分别对齐时,锁定结构的两个环形凸起布置在壳体的安装结构的至少两个凹槽内,附接锁定结构到壳体和阻止锁定结构从壳体去掉。

11. 根据权利要求9所述的系统,其中圆柱安装结构进一步包括在第二圆柱壁的末端之间和至少部分地包围第二圆柱壁的末端的端壁,所述端壁具有穿过其中的第一孔,第二孔延伸通过盖的中心,并且紧固件插入通过盖的第二孔和端壁中的第一孔,其中紧固件的

头容纳邻近盖的紧固件和螺母容纳邻近端壁的紧固件,以用在盖和圆柱安装结构之间的锁定套管将盖与圆柱安装结构连接。

12. 根据权利要求 9 所述的系统,其中所述盖包括从其第一表面延伸的至少一个圆柱支撑壁,和从圆柱支撑壁延伸并与安装结构的至少两个弧形突起对齐的至少两个三角形径向壁。

13. 根据权利要求 12 所述的系统,其中锁定套管的倒置截头圆锥体壁包括至少两组的三角形突起,其中,当盖附接到圆柱形安装结构时,盖的三角形径向壁放置在由该组的三角形突起形成的凹槽内。

14. 根据权利要求 1 所述的系统,其中锁定结构进一步包括由一个或多个壁与圆形壁隔开的第二壁。

15. 根据权利要求 12 所述的系统,其中圆形壁和第二壁由中心圆柱壁和从圆柱壁径向延伸的至少两个平面壁隔开。

16. 根据权利要求 13 所述的系统,其中径向伸长的凸起从圆形壁的至少两个弧形凸起的后表面向外延伸。

17. 根据权利要求 14 所述的系统,其中当安装结构的至少两个弧形凸起与锁定结构的至少两个凸起至少部分地分别对齐时,圆形壁的弧形凸起的径向伸长凸起放置在壳体的安装结构的至少两个弧形凸起的内表面上的凹槽内。

18. 安装手持电子设备的系统,所述系统包括:

第一大体圆形的壁,其具有从第一圆形壁的边缘延伸的至少两个弧形凸起;和

第二壁,其与第一壁由一个或多个支撑隔开;

其中至少两个弧形凸起中的每一个包括背对着第二壁的第一表面和面对第二壁的第二表面,并且至少两个弧形凸起中的每一个进一步包括径向伸长的凸起,所述凸起沿着至少两个弧形凸起的第二表面延伸。

19. 安装手持电子设备的系统,所述系统包括:

适合于附接到管形结构的底座,所述底座包括底座壁,其具有从其中延伸导板的第一表面和适合于附接管形结构的第二相对表面;

附接到在第一表面对面的导板的末端的盖;和

弹簧-装载地安装在导板之上的锁定套管,其中所述锁定套管在未起动位置中对着盖,并且其中通过将锁定套管向底座壁移动来起动锁定套管。

安装手持电子设备的系统

技术领域

[0001] 本发明总体上涉及手持电子设备,和更具体地涉及将手持电子设备的壳体附接到一个或多个物体的装置。

背景技术

[0002] 已经研发和销售出多种装置,以帮助保护和/或固定住手持电子设备。例如,销售不同类型的壳体,其包围和保护手持电子设备的后面和侧面。一些壳体由刚性塑料制成,并且可以扣紧到手持电子设备之上。其它壳体由柔性材料制成,并且它可以进行操作以附接和保护手持电子设备。

[0003] 例如在小汽车或其它车辆中固定住手持电子设备的一种装置包括橡胶、塑料或其它柔性材料的薄层。该薄层的第一表面用粘性或发粘的材料涂布,使得该第一表面可以附接到仪表板或其它表面上。该薄层的第二表面也用粘性或发粘的材料涂布,使得当第一表面附接到非水平表面时,手持电子设备可以附接和支撑到第二表面上。

[0004] 随着手持电子设备数量的增加,因此具有随时携带手持电子设备的期望。消费者总是寻找新的装置和配件,借助它们使用他们的手持电子设备,并且它们允许通用地使用他们的手持电子设备。只要手持电子设备保持为日常必需品,总存在对于使用这种手持电子设备的新的装置和配件的需求。

实用新型内容

[0005] 根据本发明的一方面,安装手持电子设备的系统包括适合于附接到手持电子设备的壳体和壳体的壁内的安装结构。安装结构包括由端壁在第一端和由至少两个弧形凸起在第二端形成的空腔,其中在该至少两个弧形凸起之间形成至少两个凹槽。该系统进一步包括具有大体为圆形壁的锁定结构,具有至少两个弧形凸起从圆形壁的边缘向往延伸,其中至少两个凹槽在该至少两个凸起之间形成。锁定结构通过以下附接到壳体:通过将锁定结构的至少两个弧形凸起与安装结构的至少两个凹槽对齐,并转到锁定结构或壳体直到安装结构的至少两个弧形凸起与锁定结构的至少两个凸起分别至少部分地对齐,由此连接壳体和锁定结构。

[0006] 在本发明的不同方面,安装手持电子设备的方法包括提供壳体的步骤,该壳体具有第一壁和一个或多个侧壁,它们形成适合于附接手持电子设备的主体和在第一壁内的安装结构。安装结构包括至少两个弧形凸起和在至少两个凸起之间形成的至少两个凹槽。该方法进一步包括提供锁定结构的步骤,该锁定结构具有大体为圆形的壁,它具有至少两个从圆形壁的边缘向外延伸的弧形凸起,其中至少两个凹槽在至少两个凸起之间形成。还进一步,该方法包括以下步骤:将锁定结构的至少两个弧形凸起插入安装结构的至少两个凹槽中,并且转动锁定结构或壳体,直到安装结构的至少两个弧形凸起与锁定结构的至少两个凸起分别至少部分地对齐,由此连接壳体和锁定结构。

[0007] 在本发明的进一步方面,安装手持电子设备的系统包括:第一大体圆形壁,该壁具

有至少两个从第一圆形壁的边缘延伸的凸起；和由一个或多个支撑与第一壁隔开的第二壁。至少两个弧形凸起中的每一个包括背对着第二壁的第一表面和面对第二壁的第二表面，并且至少两个弧形凸起中的每一个进一步包括径向伸长的凸起，该凸起沿着至少两个弧形凸起的第二表面延伸。

[0008] 在本发明的还另一个方面，安装手持电子设备的系统包括适合于附接到管形结构的底座，该底座包括底座壁，其具有从其中延伸导板的第一表面和适合于附接管形结构的第二相对表面。该系统进一步包括附接到在第一表面对面的导板的末端的盖和弹簧-装载地安装在导板之上的锁定套管。锁定套管在未起动位置中对着盖，而通过将锁定套管向底座壁移动来起动锁定套管。

附图说明

[0009] 图 1 是将手持电子设备附接到物体或表面的装置的第一实施方式的顶部等距视图，该装置大体上包括附接到管形结构的安装机构、附接到安装机构的锁定套管以及附接到安装机构并与锁定套管配合的盖；

[0010] 图 2 是图 1 的装置的侧面视图；

[0011] 图 3 是图 1 的装置的部件分解图；

[0012] 图 4 是大体沿着图 1 的线 4-4 和显示在延长或锁定位置中装载弹簧的锁定套管的横截面视图；

[0013] 图 5 是类似于图 4 的视图和描述在压缩或未锁定位置中装载弹簧的锁定套管的横截面视图；

[0014] 图 6 是图 1 中大体描述的安装机构的顶部等距视图；

[0015] 图 7 是图 6 的安装机构的侧面视图；

[0016] 图 8 是大体沿着图 6 线 8-8 的横截面视图；

[0017] 图 9 是图 1 中大体描述的锁定套管的顶部等距视图；

[0018] 图 10 是图 9 锁定套管的侧面视图；

[0019] 图 11 是大体沿图 9 线 11-11 的横截面视图；

[0020] 图 12 是图 9 锁定套管的底平面视图；

[0021] 图 13 是图 1 中大体描述的盖的顶部平面视图；

[0022] 图 14 是图 13 的盖的侧面视图；

[0023] 图 15 是图 13 的盖的顶部等距视图；

[0024] 图 16 是图 13 的盖的底等距视图；

[0025] 图 17 是附接手持电子设备到物体或表面的第二种实施方式的顶部平面视图；

[0026] 图 18 是图 17 的装置的侧面视图；

[0027] 图 19 是图 17 的装置的底等距视图；

[0028] 图 20 是图 17 的装置的顶部等距视图；

[0029] 图 21 是用于手持电子设备和用于与图 1 和图 17 的装置一起使用的壳体的顶部等距视图；

[0030] 图 22 是图 21 的壳体的底等距视图；

[0031] 图 23 是图 21 的壳体的顶部平面视图；

- [0032] 图 24 是大体沿着图 22 的线 24-24 的横截面视图；
- [0033] 图 25 是附接到图 21 壳体的图 1 的装置等距视图；
- [0034] 图 26 是大体沿着图 25 线 26-26 的横截面视图；
- [0035] 图 27 是附接到图 21 壳体的图 17 装置的等距视图；和
- [0036] 图 28 是大体沿着图 27 线 28-28 的横截面视图。
- [0037] 在考虑到以下的详细描述以后，本发明的其它方面和优点将变得明显的，其中类似结构具有相同或类似的参考数字。

具体实施方式

[0038] 本发明涉及附接手持电子设备到物体或表面的装置。虽然本发明可以以多种不同形式体现，在本文讨论数个具体实施方式，应该理解本发明仅应该被认为是本发明的原则的范例，而它不意欲将本发明限制到说明的实施方式。

[0039] 参照附图，图 1-3 描述以管形底座锁定系统 30 形式的附接手持电子设备到物体的装置的第一实施方式。管形底座锁定系统 30 大体包括安装机构 32、弹簧 34、锁定套管 36 和盖 38。

[0040] 参照图 3 和 6-8，安装机构 32 包括具有多个锁紧机构 42 的弯曲安装板 40，锁紧机构 42 从安装板 40 的角 44 延伸。锁紧机构 42 中的每一个包括向上延伸的壁 44，壁 44 具有向内延伸的突出 46，它的功能将在以下更详细地讨论。安装板 40 具有大体上符合管状物品 48 的弯曲形状，管状物品 48 诸如自行车的管形杆或其它类似结构。安装板 40 的下表面 50 适合于附接到管状物品 48，如以下讨论。

[0041] 圆柱安装结构 60 从安装板 40 的上表面 62 向外延伸。安装结构 60 包括下壁 64 和从下壁 64 向外延伸的上壁 66。下壁 64 具有大于上壁 66 的直径的直径，由此在壁 64、66 之间形成平面壁架 68。两个相对伸长的垂直突出 70 从下壁 64 向外延伸，并且大体平行于安装机构 60 的垂直轴 72（图 7）。突出 70 彼此 180 度布置，并且大体上与安装板 40 的横轴 74（图 6）对齐，其中横轴 74 垂直于安装板 40 的纵轴 76（图 6）。虽然描述了两个突出 70，但是可以使用一个或多个突出 70。

[0042] 圆柱安装机构 60 的上壁 66 包括具有孔 82 贯穿的顶部壁 80。四个环形壁 83 从上壁 66 的边缘 84 向外延伸，在每个环形壁 83 之间形成凹口 86。

[0043] 参照图 3 和 9-12，锁定套管 36 包括中心圆柱壁 90，具有从圆柱壁 90 的第一端 94 向下延伸的裙缘 92。裙缘 92 包括交替向下延伸部分 96 和向上延伸部分 98，它们形成邻近向上延伸部分的大体弯曲形状，它符合安装板 40 的弯曲形状。

[0044] 锁定套管 36 进一步包括从圆柱壁 90 的第二端 102 向外延伸的倒置截头圆锥体壁 100。倒置截头圆锥体壁 100 包括从倒置截头圆锥体壁 100 的边缘 106 向外延伸的四个环形突出 104，倒置截头圆锥体壁 100 具有在环形突出 104 之间形成的凹槽 108。凹槽 108 中的每一个包括在凹槽 108 的中心中的凹口 109，它的功能将在以下描述。突出 104 的中心点 110 相对于锁定套管 36 的纵轴和横轴 111、112（图 9 和 12）以约 45 度布置，和对于邻近突出 104 以 90 度布置。数组的三角形突出 114 从倒置截头圆锥体壁 100 向外延伸在其间形成凹槽 116。

[0045] 如在图 11 中看得最清楚，环形壁架 120 在圆柱壁 90 和倒置截头圆锥体壁 100 之

间的圆柱壁 90 的第二端 102 向内延伸。另外,凹槽 121 在锁定套管 36 的内表面 122 内形成,如在图 12 中所见。凹槽 121 平行于锁定套管 36 的垂直轴 124(图 11 和 12),并且与套管 36 的横轴 112 对齐。

[0046] 参照图 3 和 13-16,盖 38 包括平坦的圆形顶部壁 130,它具有从顶部壁 130 的边缘 134 向外延伸的四个弧形突出 132,其中凹槽 135 在弧形突出 132 之间形成。弧形突出 132 中的每一个的中心线 136 相对于邻近弧形突出 132 以 90 度布置,如在图 13 中所见。顶部壁 130 的圆形中心部分 140 包括有角度的壁 144,它向内和向下逐渐减小,产生圆形孔 142。有角度的壁 144 大体上形成其中螺钉或其它紧固件的头可以进行容纳的形状。

[0047] 盖 38 进一步包括第一圆柱壁 150,其从盖 38 的底表面 152 伸出和与盖 38 的边缘 134 向内隔开。第二圆柱壁 154 进一步从底表面 152 延伸,并且与第一圆柱壁 150 向内隔开和与圆形孔 142 向外隔开。如在图 16 中看出,径向支撑壁 156 在第一和第二圆柱壁 150、154 之间延伸和彼此以 90 度隔开,并且大体与弧形突出 132 的中心线 136 对齐。具有外斜表面 160 的三角壁 158 在第一圆柱壁 150 和盖 38 的边缘 134 之间延伸,其中三角形壁 158 与径向支撑壁 132 和弧形突出 132 的中心线 136 对齐。

[0048] 如在图 16 中所见,径向伸长的突出 170 从弧形突出 132 中的每一个的底表面 172 向下延伸,其中径向突出 170 沿着弧形突出 132 的中心线 136 延伸,并与径向支撑壁 132 和三角形支撑壁 158 对齐。

[0049] 通过在圆柱形安装结构 60 的上壁 66 上插入弹簧 34,组装管形底座锁定系统 30,如在图 3 中所见。弹簧 34 具有大于上壁 66 的直径、但小于下壁 64 的直径的直径,使得弹簧 34 安置在下壁 64 和上壁 66 之间形成的平坦壁架 68 上,其中弹簧 34 与上壁 66 的外表面 180 隔开或接触。

[0050] 通过将安装在锁定套管 36 的内表面 122 中形成的凹槽 121 内的圆柱形安装结构的两个相对伸长的垂直突出 70 对齐,锁定套管 36 在此后安装在圆柱形安装结构 60 之上。在这个位置中,锁定套管 36 的裙缘 92 的向上延伸的部分 98 与弯曲安装板 40 的中心部分 182 隔开,而向下延伸的部分 96 与弯曲安装板 40 的向下延伸端 184 隔开。

[0051] 当圆柱形安装结构 60、弹簧 34 和锁定套管 36 组装后,盖 38 放置在安装套管 36 的顶上,其中盖 38 的径向支撑壁 156 延伸通过由安装结构 60 的环形壁 83 形成的凹口。这使得盖 38 与锁定套管 36 的凹槽 105 内的每一个弧形突出 132 对齐。如此,从弧形突出 132 的底表面 172 延伸的突出 170 驻留在凹口 109 内。另外,从盖 38 的底表面 152 延伸的三角形壁 158 位于由锁定套管 36 的三角形突出 114 形成的凹槽 116 内。

[0052] 螺钉 190 或其它紧固件插入到盖 38 的孔 142 中,使得螺钉 142 的大体倒置截头圆锥体头容纳依靠有角度壁 144,并且螺钉 142 的中心部分延伸穿过圆柱形安装结构 60 的顶部壁 80 中的孔 82。螺母 192 固定在螺钉 190 之上,直到螺母 192 的上表面邻近顶部壁 80 的下表面,由此将管形底座锁定系统 30 的组件固定在一起。

[0053] 在组装后,管形底座锁定系统 30 可以附接到管状物品 48。具体地,弯曲安装板 40 位于管状物品 48 之上,安装板 40 的纵轴 76 平行于管状物品 48 的纵轴 210(参见图 2)。橡胶垫片 211 可以布置在安装板 40 和管状物品 48 之间,以阻止管形底座锁定系统 30 的移动和阻止对管状物品 48 的损坏。如在图 2 中所见,可以使用两个 O-环 212,以附接安装板 40 到管状物品 48。O-环 212 中每一个的成圈端钩住第一锁紧机构 42 的向内延伸突出 46,然

后 0- 环 212 绕在管状物品 48 周围,而 0- 环 212 的相对成圈端附接到第二锁紧机构 42 的向内延伸突出 46。0- 环 212 中的每一个可以附接到锁紧机构 42,锁紧机构 42 沿着安装板 40 的横轴 74 对齐。任选地,可以使用单个 0- 环 212,单个 0- 环 212 可以附接到锁紧机构 42 中的每一个,或者任何数量的 0- 环 212 可以附接到任何数量的锁紧机构 42 和 / 或任一的锁紧机构 42。束带 214 可以另外或可选地被用于附接管形底座系统 30 到管状物品 48。如果使用,束带 214 可以绕在圆柱形安装结构 60 和每组的锁紧结构之间的管形物 48 和安装板 40 周围,如在图 2 中描述。

[0054] 以闭锁底座 250 形式的附接手持电子设备到物体的装置的第二实施方式在图 17-20 中描述。闭锁底座 250 包括第一和第二隔开板 252、254。第一板 252 是大体圆柱形的,具有从第一板 252 的边缘 258 延伸的弧形突出 256,第一板 252 具有在弧形突出 256 之间形成的凹槽 259。弧形突出 256 中的每一个的中心线 260 相对于邻近弧形突出 256 以 90 度布置。如在图 19 中描述,径向伸长的突出 262 从弧形突出 256 中每一个的后表面 264 向外延伸,其中径向突出 262 沿着弧形突出 132 的中心线 260 延伸。

[0055] 第一板 252 的圆形中心部分 270 包括有角度壁 272,它向内和向下逐渐减小,形成第一圆形孔 274。有角度壁 272 通常形成其中螺钉或其它紧固件的头可以进行容纳的形状。参照图 19,第二圆形孔 280 延伸通过第二板 254,并且沿着闭锁底座 250 的垂直轴与第一孔 274 对齐。

[0056] 在图 18-20 中最可以看清楚,闭锁底座 250 进一步包括在第一和第二板 252、254 之间延伸和围绕第一和第二孔 274、280 的圆柱形壁 290。四个径向壁 292 从圆柱形壁 290 向外延伸到第一板 252 的边缘 258。径向壁 292 在第一和第二板 252、254 之间延伸,并且大体与径向伸长突出 262 对齐。壁 292 的数量和方位可以修改,只要第一和第二板 252、254 隔开分开足以允许设备附接到第一板 252,如以下更详细地讨论。

[0057] 闭锁底座 250 可以以多种不同方式附接到垂直、水平或有角度表面或结构。例如,参照图 18,闭锁底座 250 可以具有附接到第二板 254 的外表面的双面的粘结结构 300。附接结构 300 的第一面 304 可以粘结地附接到外表面 302,而第二面 306 可以包括具有可去掉的薄片 308 的粘结剂。当可去掉薄片 308 从外表面 302 分离,粘结结构 300 可以附接到表面或结构。任选地,螺钉、螺栓或其他紧固件可以插入通过第一和第二孔 274、280 (可能紧固件的头容纳依靠有角度的壁 272) 和固定到表面或结构。

[0058] 封套 350 在图 21-24 中描述,它可以以典型方式附接到手持电子设备。封套 350 可以与管形底座锁定系统 30 或闭锁底座 250 组合地使用,如以下更详细地描述。封套包括第一壁 352,例如用于覆盖手持电子设备的后表面。多个侧面壁 354 从第一壁 352 的边缘 356 向外延伸,和例如适合于覆盖手持电子设备的侧面。侧面壁 354 可以包括用于接入手持电子设备的组件的任何数量的孔 355。虽然封套 350 的一种实施方式在此说明和描述,但是在不偏离本发明的范围内可以使用任何大小或形状的封套。

[0059] 圆形安装结构 360 布置在第一壁 352 的中心部分 362 内。安装结构 360 包括从第一壁 352 向外逐渐减小的第一环形环 364,和大体平行于第一壁 352 和布置在第一环形环 364 和底座 368 之间的第二环形环 366。如在图 24 中看得最清楚,底座 368 包括圆柱形壁 370,它垂直于并且从第二环形环 366 的内边缘 372 向内延伸。圆形壁 374 包围圆柱壁 370 的末端 376 以产生空腔 378。四个隔开的环形突出 380 从第二环形环 366 的内边缘 372 向

内延伸,在弧形突出 380 之间形成凹槽 382。如在图 21 和 22 中所见,开口 383 布置在与弧形突出 380 相对的圆形壁 374 内。径向凹槽 384 在弧形突出 380 的内表面 386 上形成(参见图 24)。

[0060] 参照图 25-28,图 21-24 的封套 350 可以附接到图 1-16 的管形底座锁定系统 30 和图 17-20 的闭锁底座 250。具体地,参照图 25 和 26,封套 350 可以附接到管形底座锁定系统 30,在管形底座锁定系统 30 附接到表面或结构之前或之后。通过将封套 350 的凹槽 382 和弧形突出 380 与管形底座锁定系统 30 的弧形突出 132 和凹槽 135 分别对齐,封套 350 安装到管形底座锁定系统 30。在这个位置,弹簧 34 向外偏,使得套管对着盖 38,如图 4 中所见。由于这种对齐,压力在朝向安装板 40 的方向 D 施加到管形底座锁定系统 30。这种压力使得封套 350 的弧形突出 380 干扰和阻止环形突出 104 的移动,由此推动装载弹簧的套管 36 向安装板 40,对抗弹簧 34 的偏向。这种移动允许盖 38 的弧形突出 132 进入盖 350 的凹槽 382,其中使用者然后可以转动整个管形底座锁定系统 30(或盖 350) 四十五度,直到锁定套管 36 的弧形突出 132 与盖 350 的弧形突出 380 对齐,并且环形突出 104 卡入到盖 350 的凹槽 382,对着弹簧 34 的偏向,阻止管形底座锁定系统 30 或盖 350 的转动。在这个位置,在盖 350 的径向凹槽 38 内布置盖 38 的径向伸长突出 170,以进一步帮助阻止盖 350 或管形底座锁定系统 30 的转动,没有将锁定套管 36 拉向安装板 40,对着弹簧 34 的偏向。类似地,为了从管形底座锁定系统 30 去掉盖 350,锁定套管 36 必须被拉向安装板 40,对着弹簧 34 的偏向,同时转动管形底座锁定系统 30 直到盖 38 的弧形突出 132 在盖 350 的凹槽 282 内对齐。

[0061] 闭锁底座 250 附接到盖 350,如在图 27 和 28 中所见,通过将盖 350 的凹槽 382 和弧形突出 380 与锁定底座 250 的弧形突出 256 和凹槽 259 分别对齐。盖 350(或闭锁底座 250) 在此后转动约 45 度,直到盖 350 的弧形突出 380 和闭锁底座 250 的弧形突出 256 对齐,并且弧形突出 256 的径向伸长突出 262 卡入到弧形突出 380 的径向凹槽 384 中。盖 350 必须被推向闭锁底座 250 和转动,目的是从闭锁底座 250 中去掉盖 350。

[0062] 虽然在盖 38 上描述了四组的突出和凹槽 132、135,在闭锁底座 250 上描述了四组的突出和凹槽 380、382,和在盖 350 上描述了四组的突出和凹槽,但是在盖 38、闭锁底座 250 和盖 350 任一上可以使用两组或更多组的突出和凹槽,只要盖 350 中的凹槽的数量至少等于在盖 38 和闭锁底座 250 上的突出的数量。

[0063] 在本文描述的任一的实施方式可以进行修改,以包括连同其它实施方式公开的任一的结构或方法。

[0064] 进一步,虽然方向术语,诸如前、后、上、下、顶部、底部等等,可以在整个本说明书中使用,应该理解的是这种术语不是限制性,并且在本文仅用于传达不同元件相对于彼此的方位。

[0065] 考虑到前述描述,本发明的数种修改对于本领域技术人员将是显而易见的。因此,这种描述应该解释为仅是说明性的,并且是为了使本领域技术人员能够制造和使用以及教导实施它的最佳模式的目的。在附加权利要求范围内的所有修改的独占性权利进行保留。

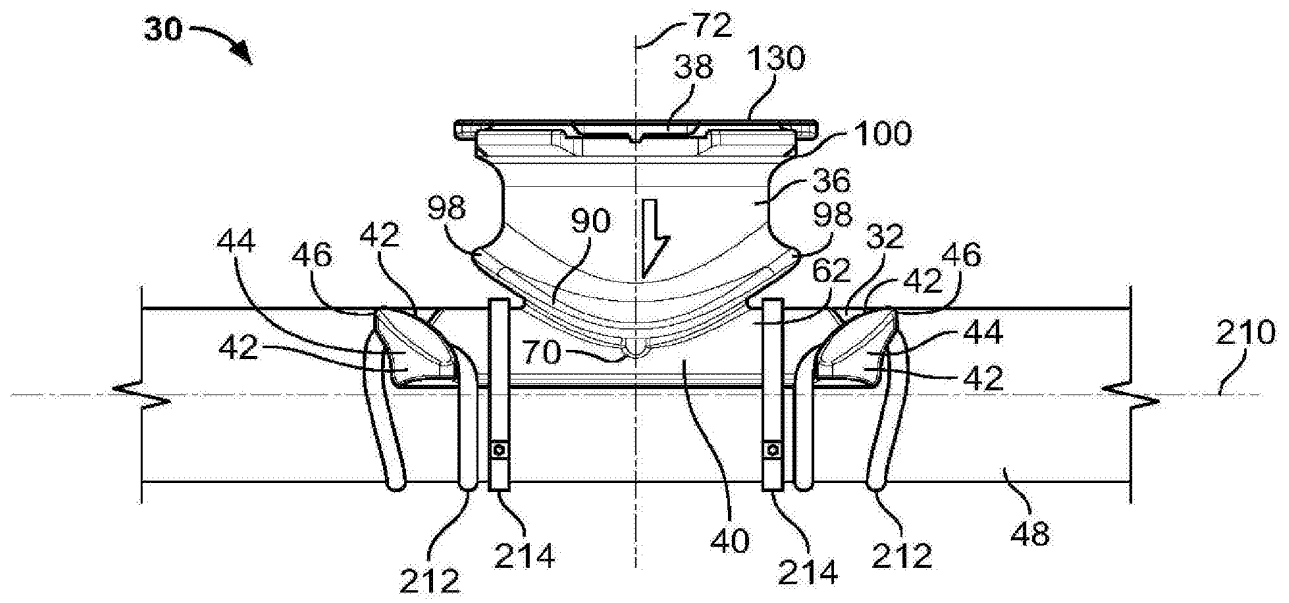


图 2

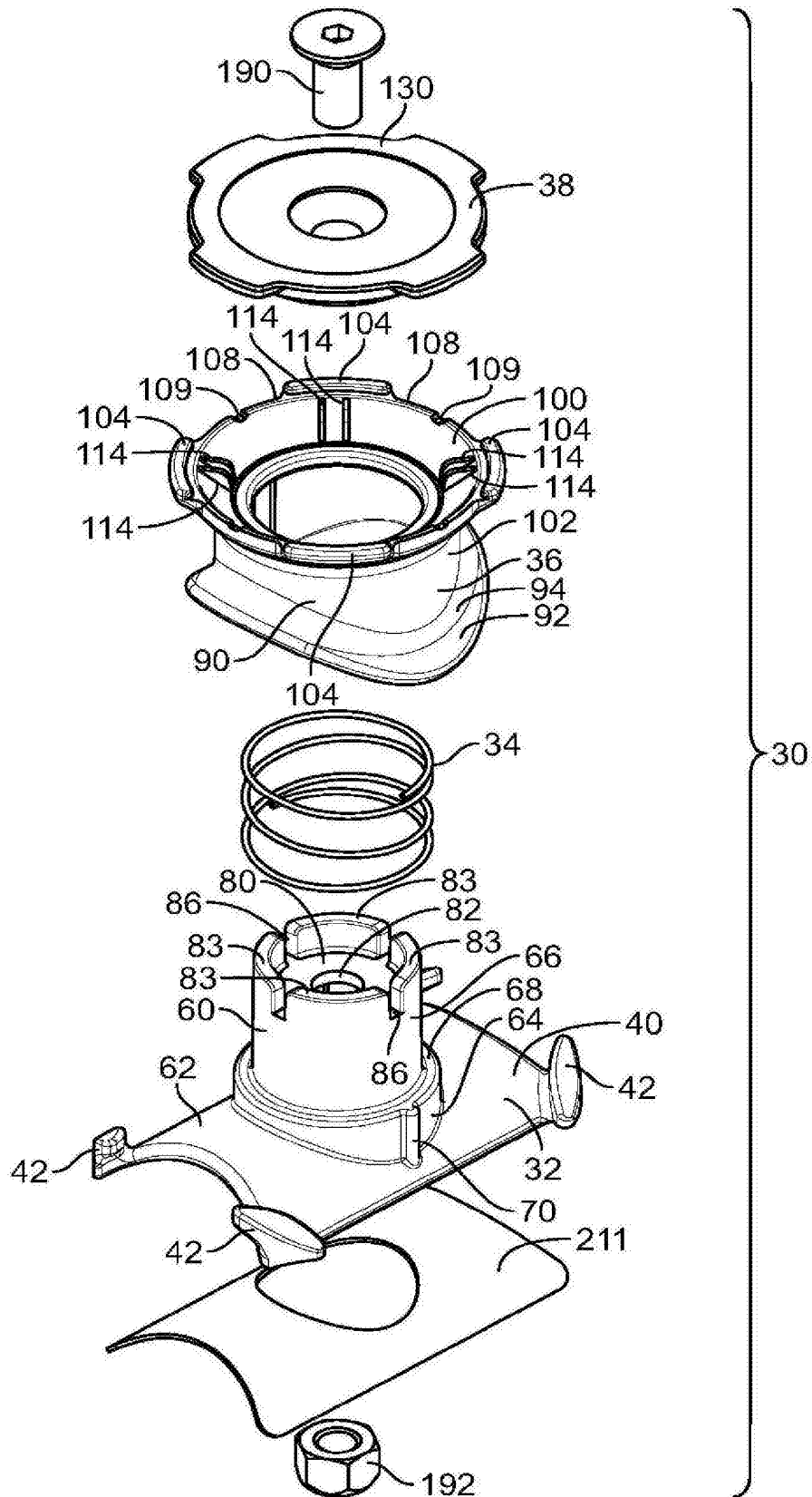


图 3

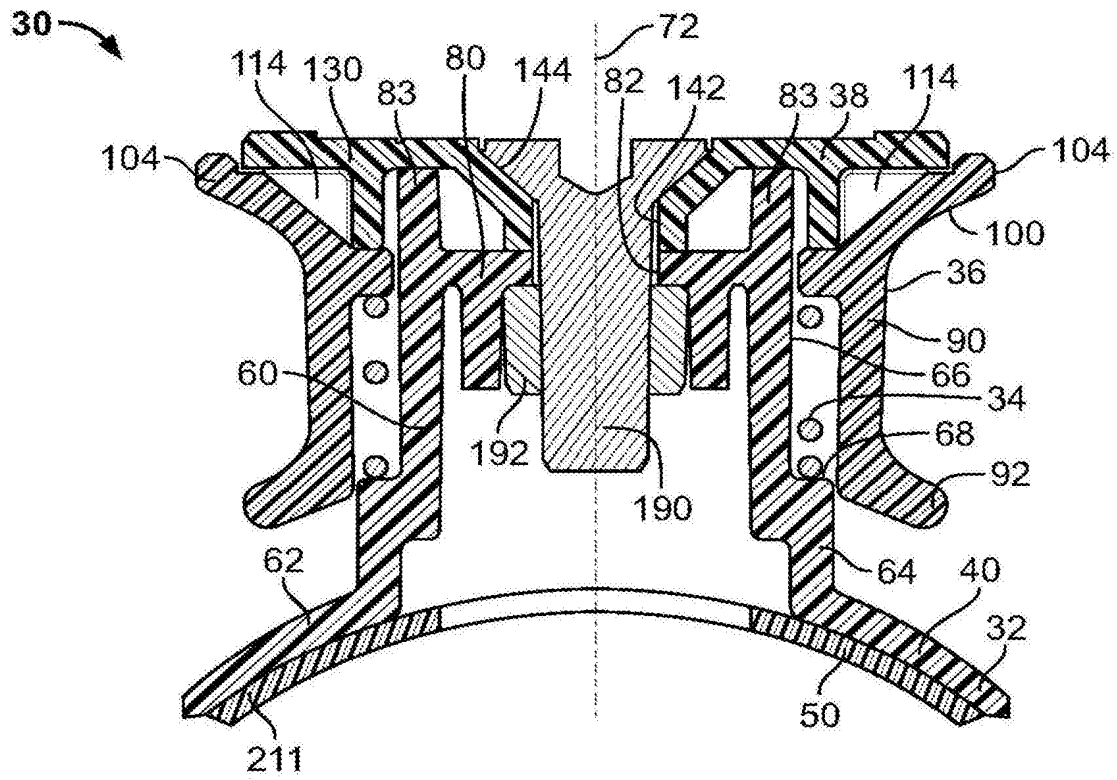


图 4

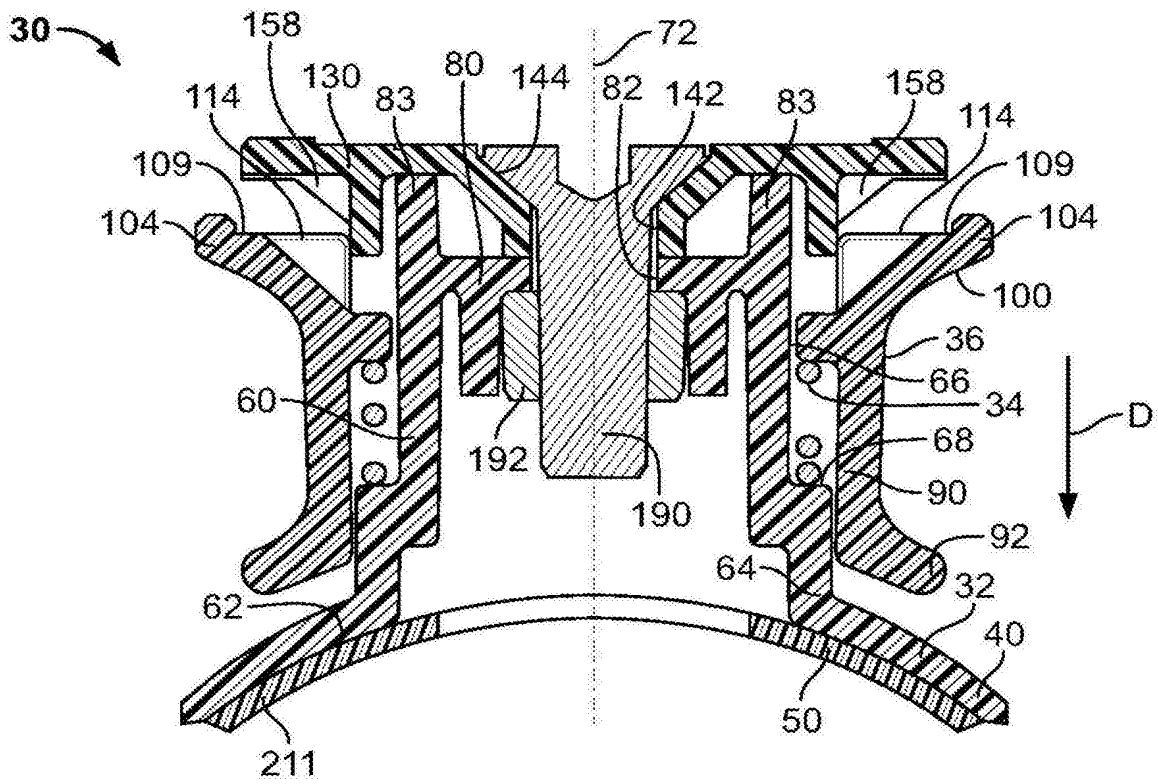


图 5

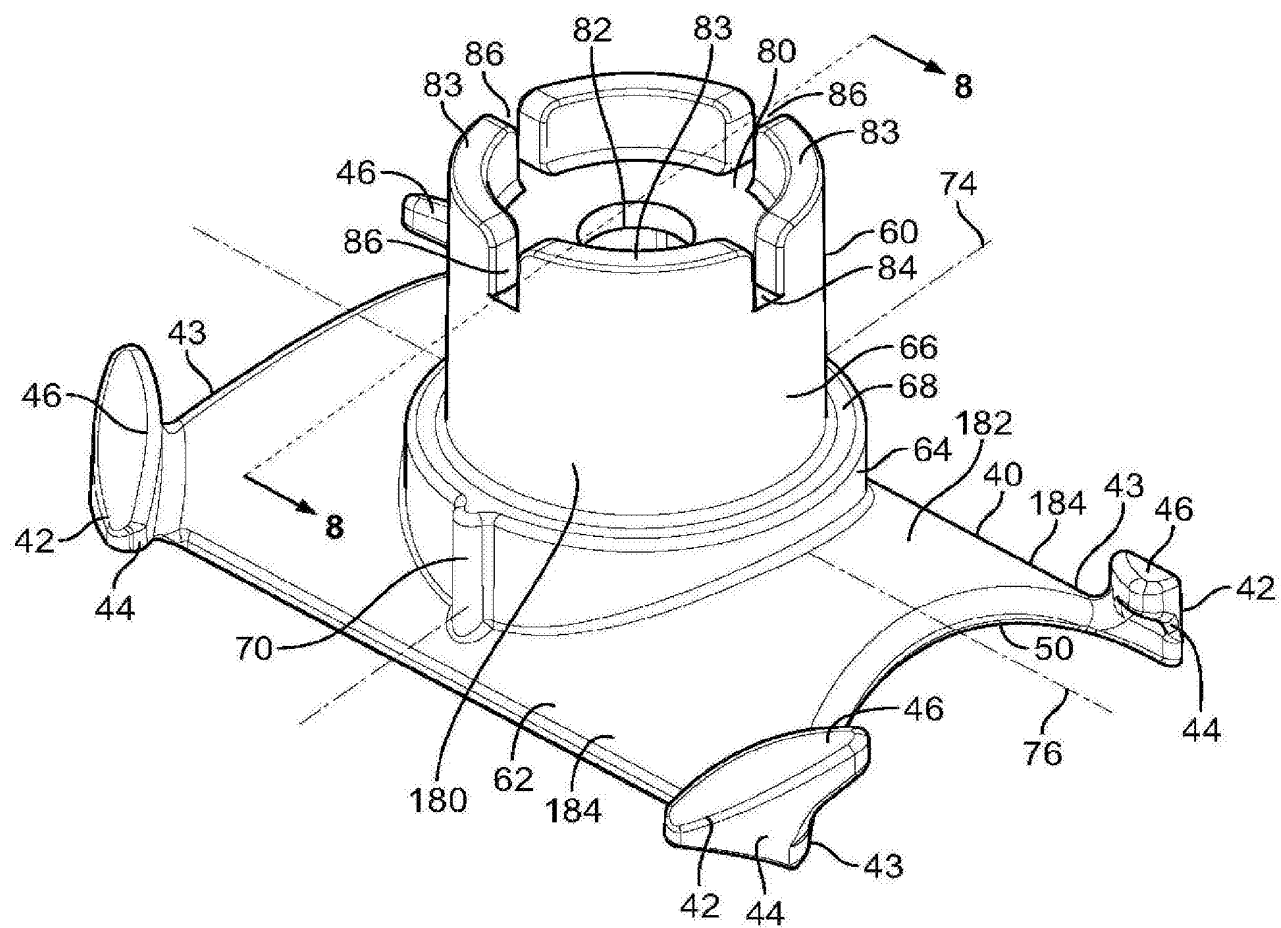


图 6

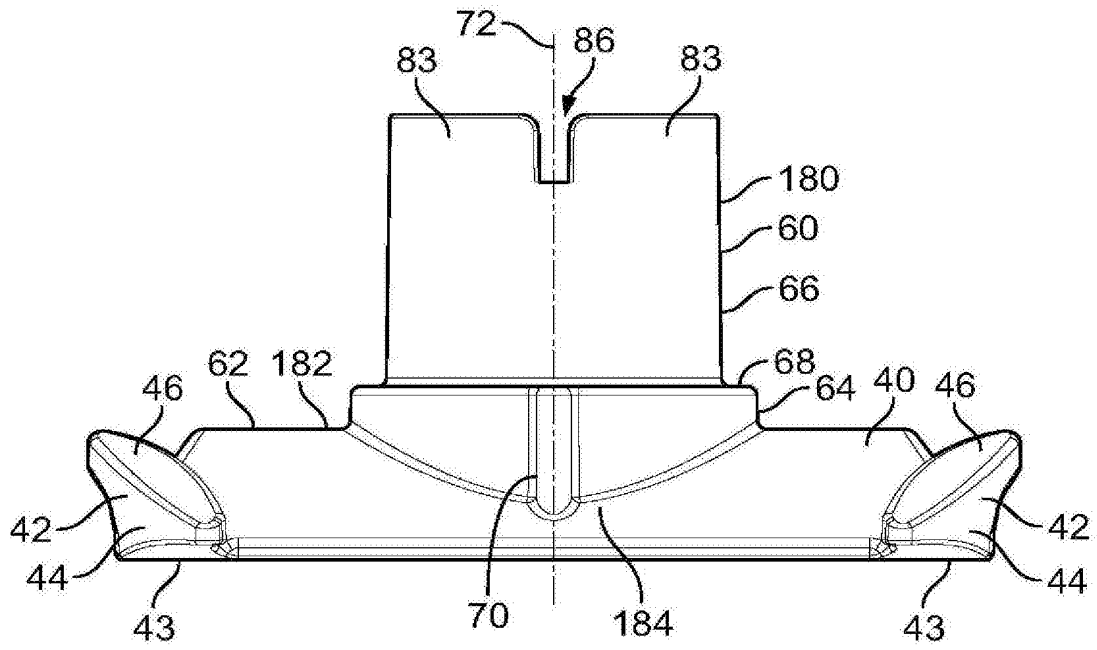


图 7

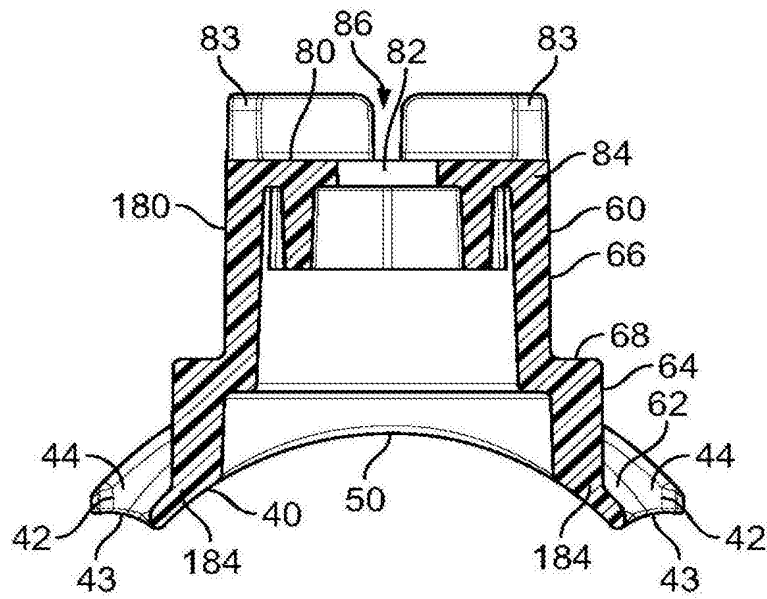


图 8

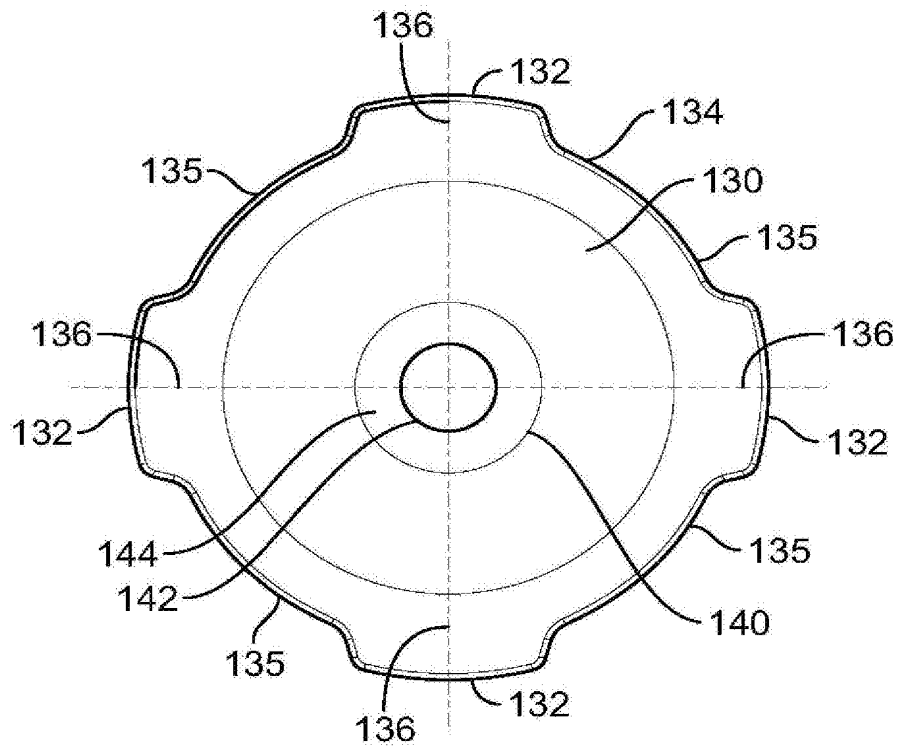


图 13

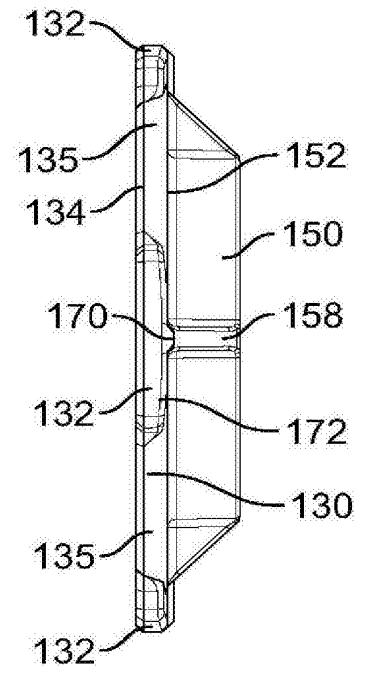


图 14

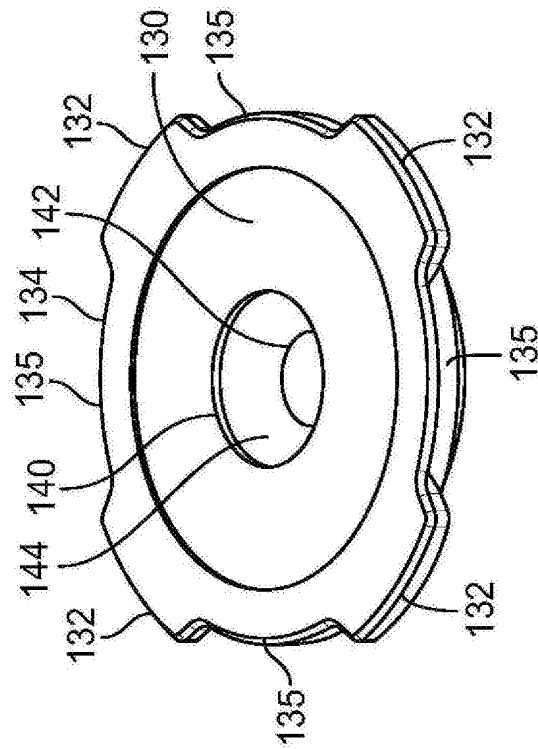


图 15

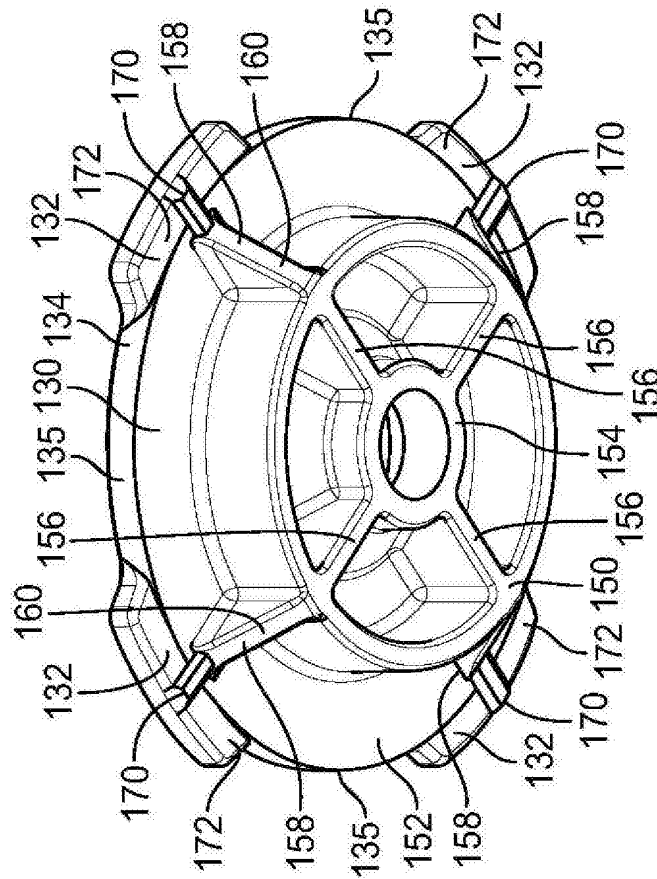


图 16

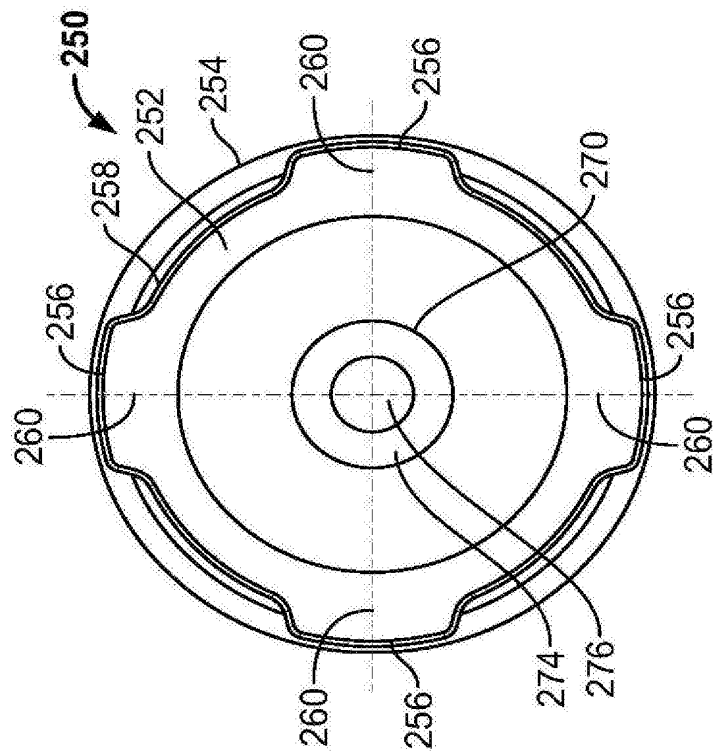


图 17

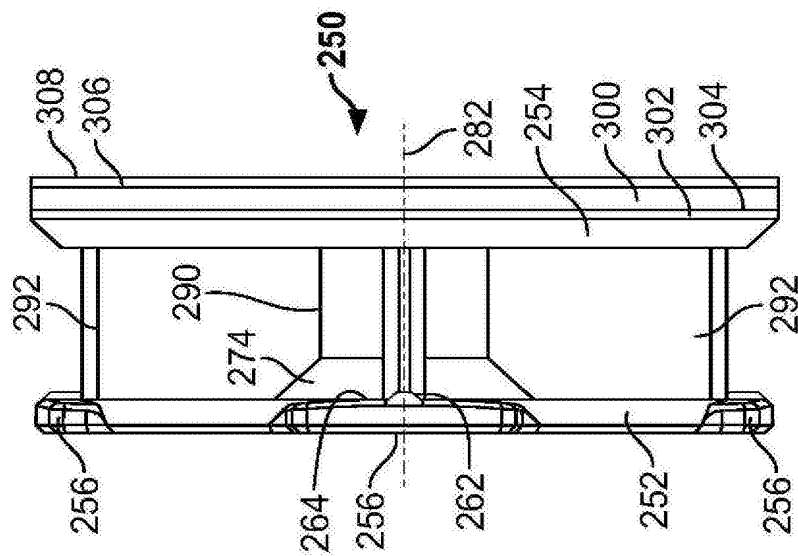


图 18

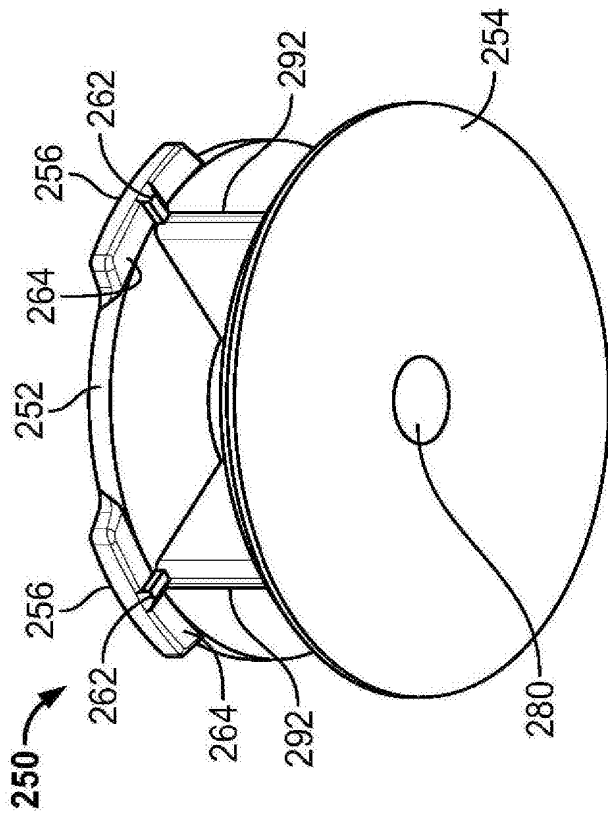


图 19

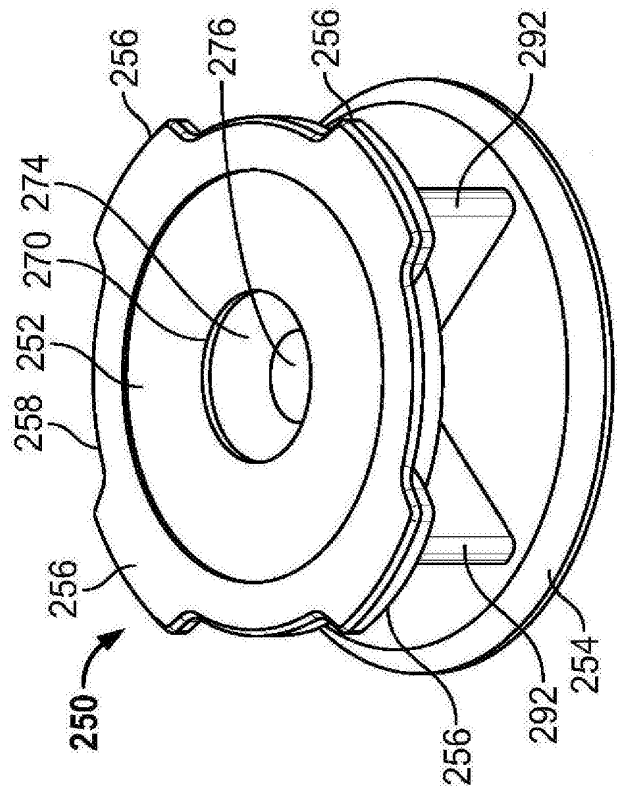


图 20

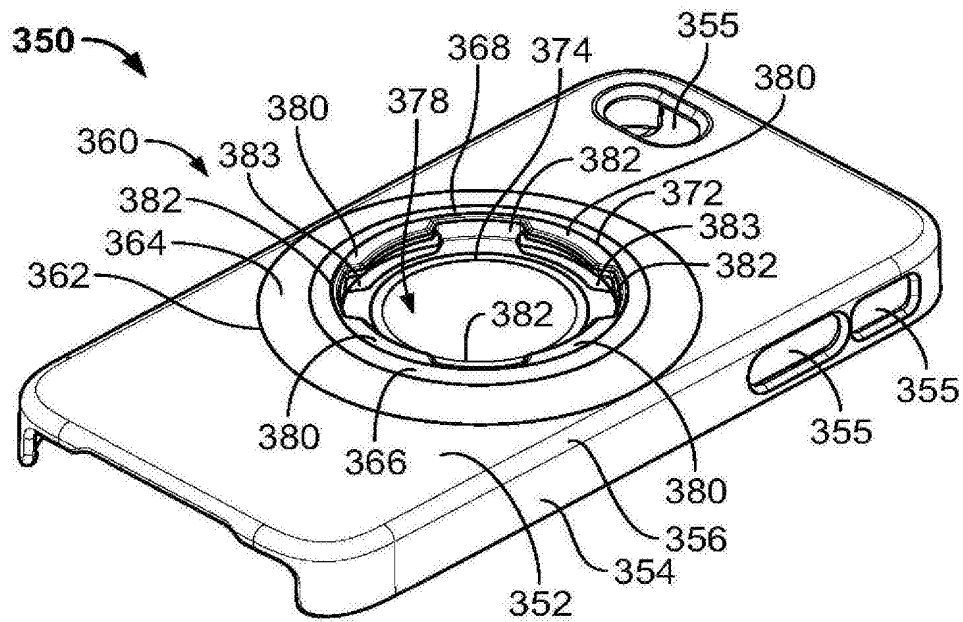


图 21

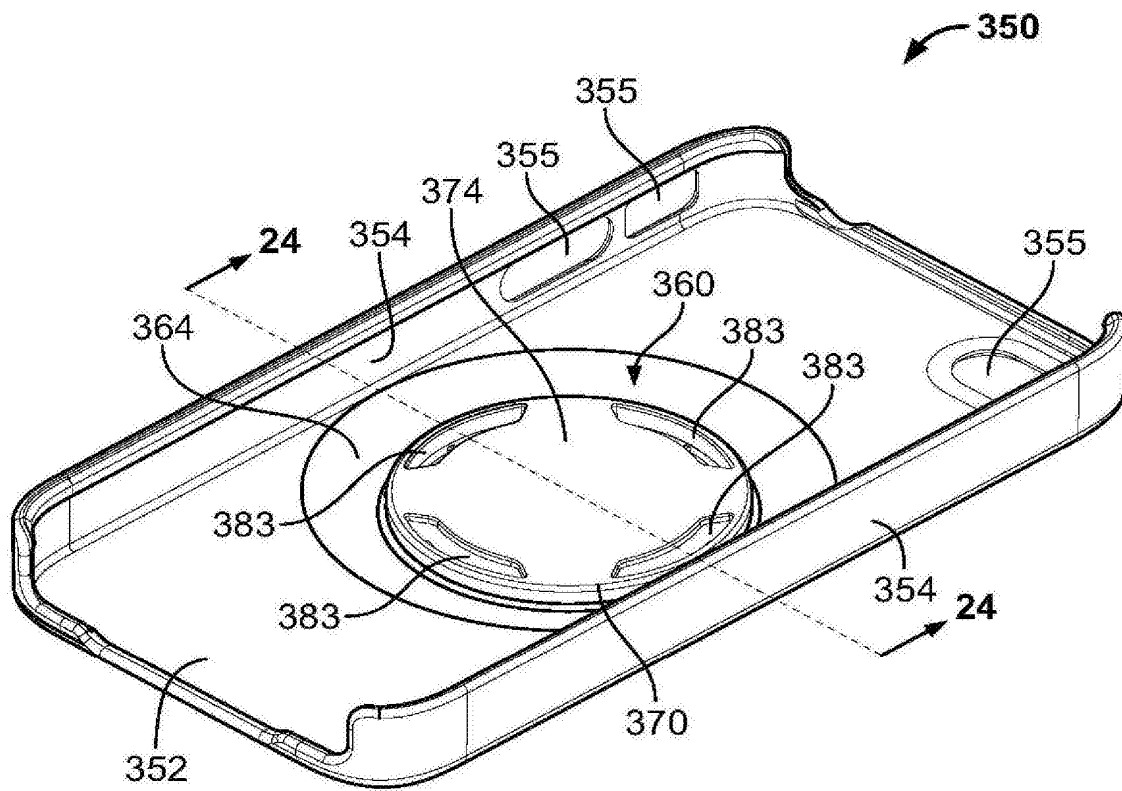


图 22

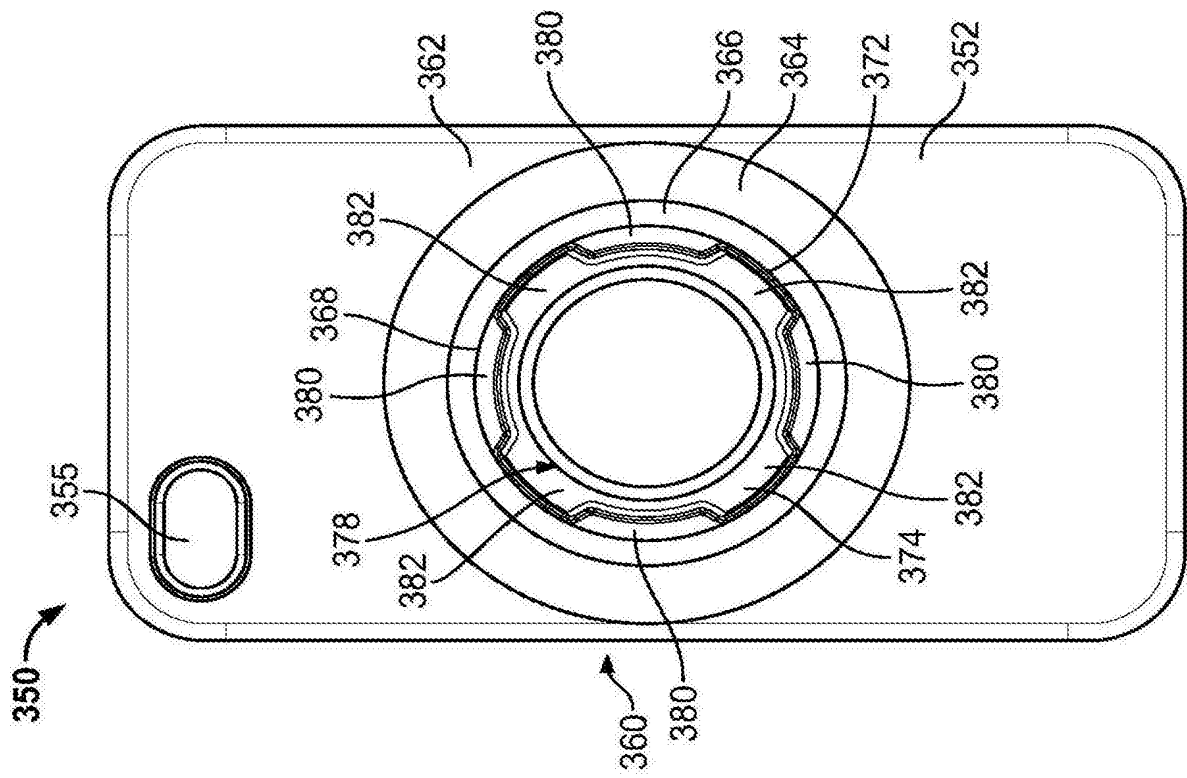


图 23

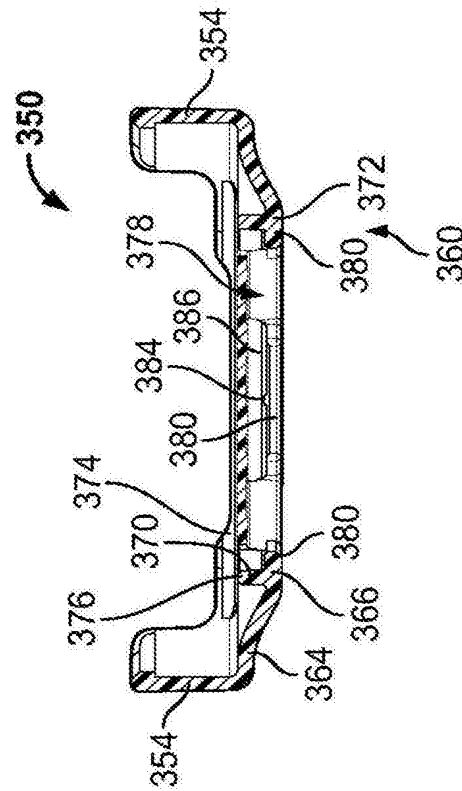


图 24

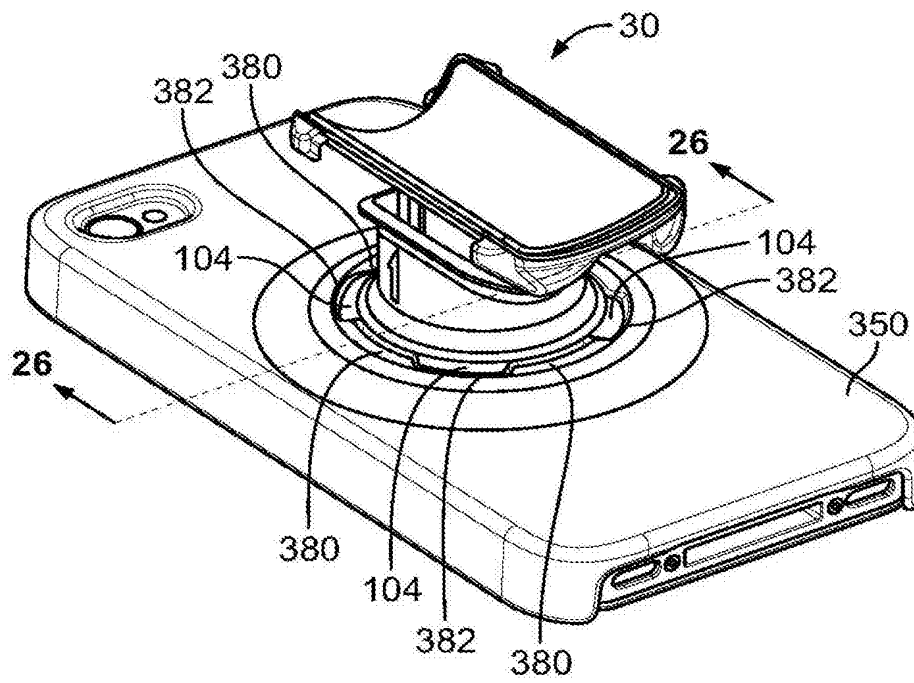


图 25

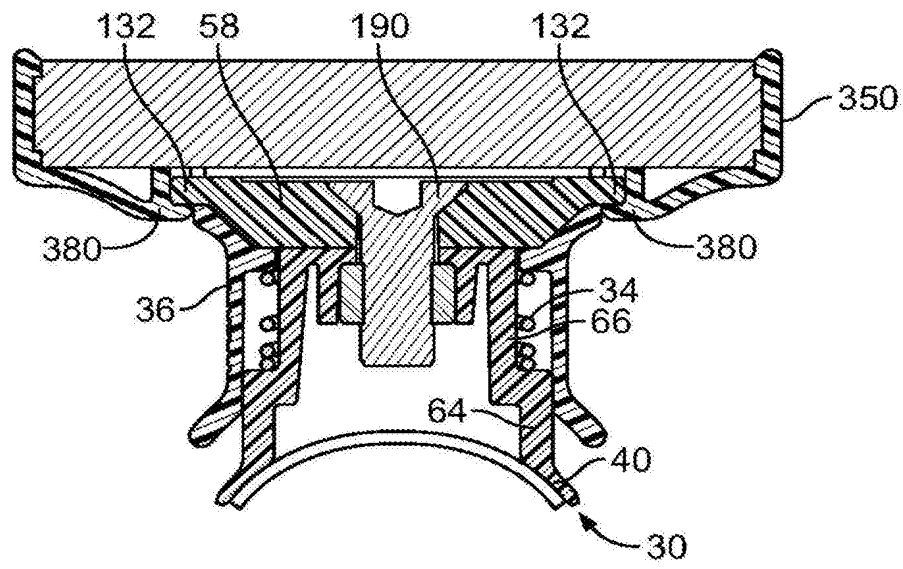


图 26

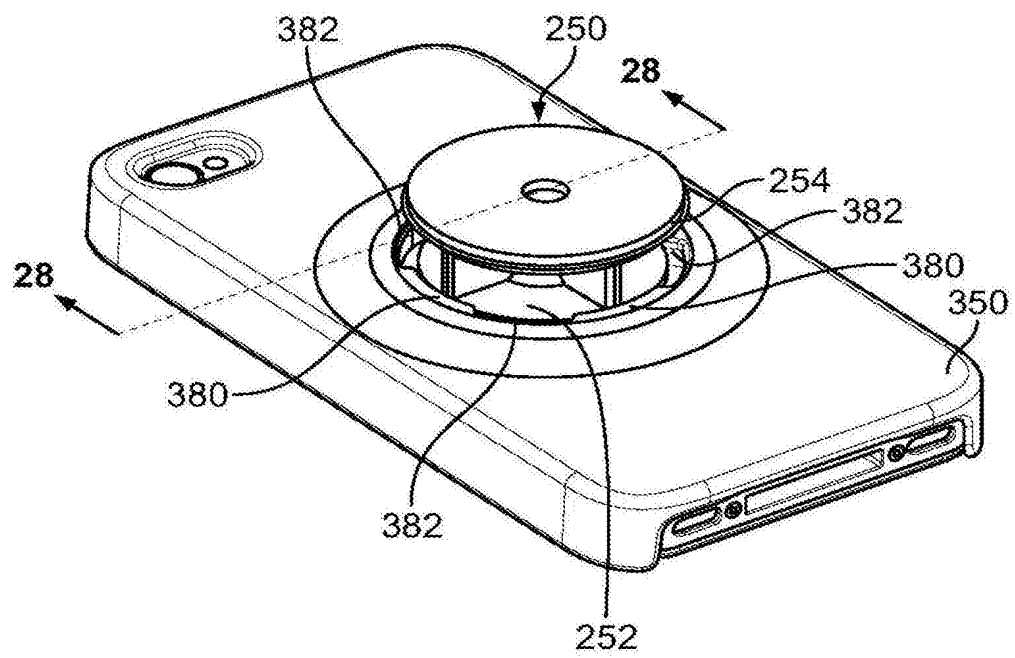


图 27

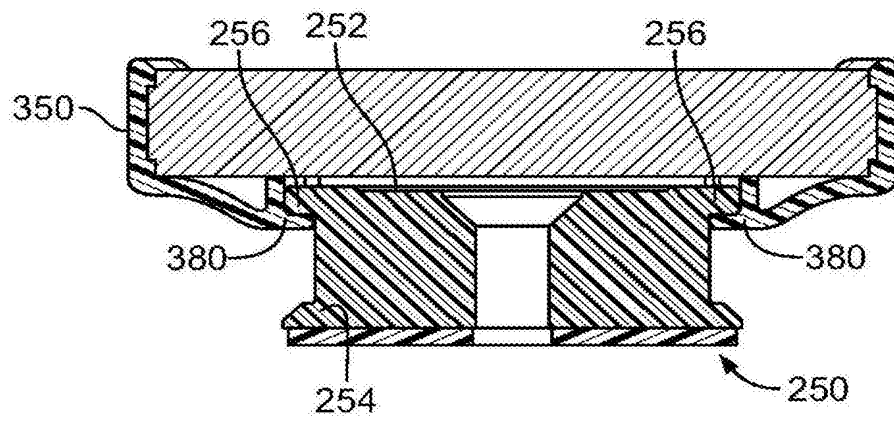


图 28

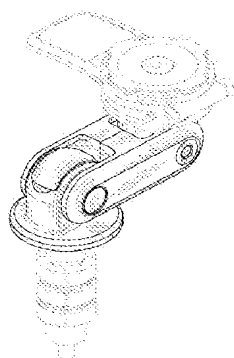


FIG. 1

Mounting Arm

Locarno classification	08.08
Domestic classification	08-08Z
Design number	<u>201817027</u>
Application number	<u>201817027</u>
Registration office code	AU
Application language code	en
Application date	23/11/2018
Registration date	03/01/2019
Publication date	
Design description	Newness and distinctiveness resides in the visual features, including shape and configuration, of a Mounting Arm as shown in solid outline in the accompanying drawings. When determining whether the design is substantially similar in overall impression to another design, no regard is to be had to those features shown in dotted outline in the accompanying drawings, which features are provided for illustrative purposes only.
Expiry date	23/11/2023
Australia Last office data update 10/11/2022	

Effective date

Design current status code

Design current status date

Comment

Application published

03/01/2019

Owner

Applicant Identifier

Applicant name

Annex Products Pty Ltd

Applicant legal entity

Applicant nationality code

Representative

Representative identifier

Representative's name

Griffith Hack

Applicant legal entity

Representative nationality code

Address

Level 10, 161 Collins Street

City

MELBOURNE

Postcode

3000

Country code

AU

Correspondence address

No entry for the design no

Exhibition Priority

No entry for the design no

Priority

Priority number

29/648635

Country

US

Date

23/05/2018

Publication

No entry for the design no

DESIGNER

Designer identifier

Designer Address

Christopher PETERS

Designer identifier

Designer Address

Craig STEVENS

Renewals

No entry for the design no

Recordals

No entry for the design no

Representation (views of design)

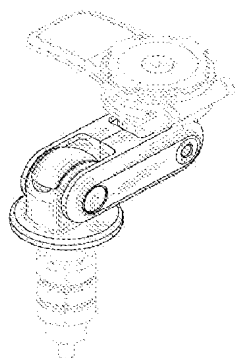


FIG. 1

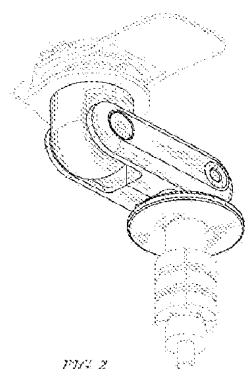


FIG. 2

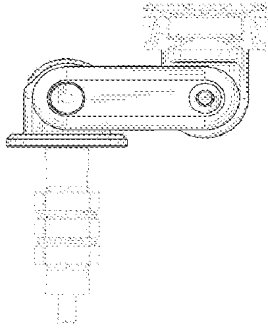


FIG. 3

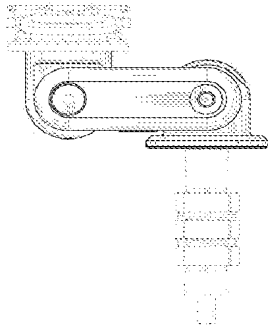


FIG. 4

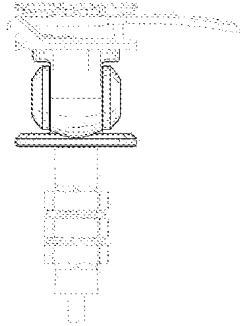


FIG. 5

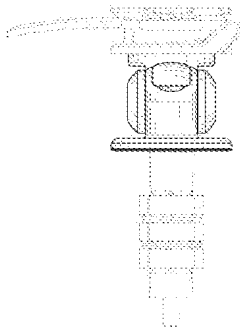


FIG. 6

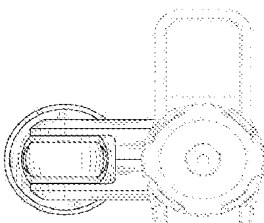


FIG. 7

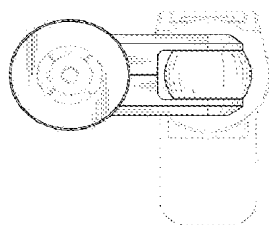


FIG. 8

DESCRIPTION OF DRAWINGS

- Fig. 1 is a front perspective view of the mounting arm;
Fig. 2 is a rear perspective view of the mounting arm of Fig. 1;
Fig. 3 is a front elevation view of the mounting arm of Fig. 1;
Fig. 4 is a rear elevation view of the mounting arm of Fig. 1;
Fig. 5 is a perspective elevation view of the mounting arm of Fig. 1;
Fig. 6 is a side elevation view of the mounting arm of Fig. 1;
Fig. 7 is a top plan view of the mounting arm of Fig. 1; and
Fig. 8 is a bottom plan view of the mounting arm of Fig. 1.
- The various views, details, portions or the mounting arm that appear in part of the design.

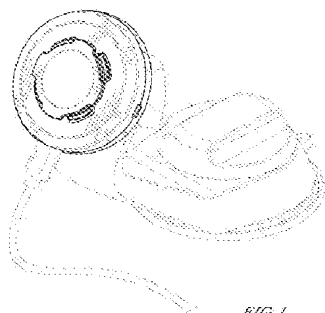


FIG. 1

Wireless Charging Base

Locarno classification	13.02
Domestic classification	13-02
Design number	<u>201817029</u>
Application number	<u>201817029</u>
Registration office code	AU
Application language code	en
Application date	23/11/2018
Registration date	03/01/2019
Publication date	
Design description	

Newness and distinctiveness resides in the visual features, including shape and configuration, of a Wireless Charging Base as shown in solid outline in the accompanying drawings. When determining whether the design is substantially similar in overall impression to another design, no regard is to be had to those features shown in dotted outline in the accompanying drawings, which features are provided for illustrative purposes only.

Expiry date
Australia Last office data update 10/11/2022

23/11/2023

Effective date

Design current status code

Design current status date

Comment

Application published

03/01/2019

Owner

Applicant Identifier

Applicant name

Annex Products Pty Ltd

Applicant legal entity

Applicant nationality code

Representative

Representative identifier

Representative's name

Griffith Hack

Applicant legal entity

Representative nationality code

Address

Level 10, 161 Collins Street

City

MELBOURNE

Postcode

3000

Country code

AU

Correspondence address

No entry for the design no

Exhibition Priority

No entry for the design no

Priority

Priority number

29/649629

Country

US

Date

31/05/2018

Publication

No entry for the design no

DESIGNER

Designer identifier

Designer Address

Christopher PETERS

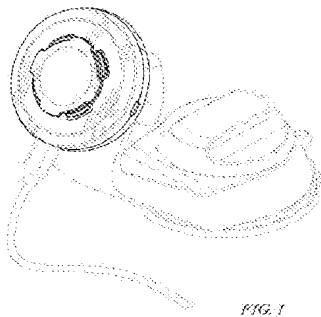
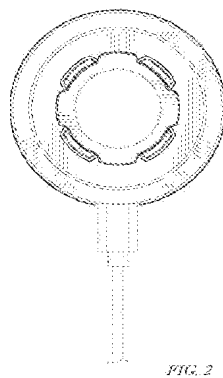
Renewals

No entry for the design no

Recordals

No entry for the design no

Representation (views of design)



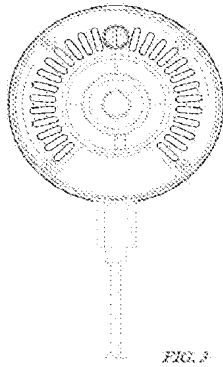


FIG. 3

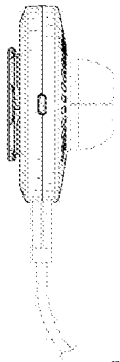


FIG. 4

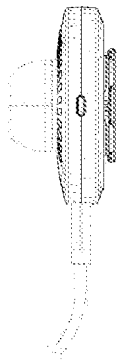


FIG. 5

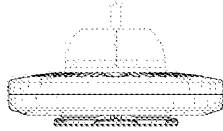


FIG. 6

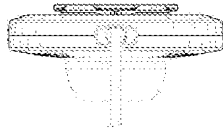


FIG. 7

DESCRIPTION OF THE DRAWINGS

- Fig. 1 is a front perspective view of the wireless charging base;
- Fig. 2 is a front elevation view of the wireless charging base of Fig. 1;
- Fig. 3 is a rear elevation view of the wireless charging base of Fig. 1;
- Fig. 4 is a top-down elevation view of the wireless charging base of Fig. 1;
- Fig. 5 is a side elevation view of the wireless charging base of Fig. 1;
- Fig. 6 is a top-down view of the wireless charging base of Fig. 1; and
- Fig. 7 is a bottom plan view of the wireless charging base of Fig. 1.

The present invention relates to a wireless charging base that forms part of the design.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
11/14/2022 01:24:54 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY Shine Fu

PATENT CENTER # 61173628

FILING DATE 12/10/2020

CUSTOMER # 20995

FIRST NAMED
INVENTOR Jeff Whitten

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Curtiss Dosier

Documents

TOTAL DOCUMENTS: 14

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
RCE.pdf	3	Request for Continued Examination (RCE)	1628 KB
Amendment_Response to OA.pdf	6	-	178 KB
Amendment_Response to OA-AMSB.pdf	(1-1) 1	Amendment Submitted/Entered with Filing of Continued Prosecution Application (CPA)/Request for Continued Examination(RCE)	93 KB
Amendment_Response to OA-CLM.pdf	(2-4) 3	Claims	117 KB

Amendment_Response to OA-REM.pdf	(5-6)	2	Applicant Arguments/Remarks Made in an Amendment	143 KB
IDS.pdf		2	-	262 KB
IDS-TRAN.LET.pdf	(1-1)	1	Transmittal Letter	89 KB
IDS-IDS.pdf	(2-2)	1	Information Disclosure Statement (IDS) Form (SB08)	151 KB
FOR_AU_201817027S.PDF		7	Foreign Reference	455 KB
FOR_AU_201817028S.PDF		7	Foreign Reference	481 KB
FOR_AU_201817029S.PDF		7	Foreign Reference	406 KB
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FOR_EU_005832813.PDF		9	Foreign Reference	2137 KB
FOR_EU_005832854.PDF		9	Foreign Reference	1725 KB

Digest

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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

A world-wide collection of designs data; including WIPO Hague registrations and information from participating offices.

European Designs

005832789-0001 - Mountings (part of -) (Registered and fully published)

(19)

Identification, using the two-letter code according to WIPO Standard ST.3, of the authority publishing or registering the industrial design

EM

Design number

005832789-0001

(21)

Application number

005832789

(25)

Application language code

en

Second language code

de

(22)

Filing date

2018-11-23

Application reference

BARN_60905_EU-D

(15)

Date of the national registration

2018-11-23

Publication Date

2019-01-24

(57)

Description of the characteristic features of the design(s), or matter for which protection is not sought

Yes

Renewal current status code

Not to be renewed

(18)

Expected expiration date of the registration/renewal

2023-11-23

Current status code

Registered and fully published

Current status date

2019-01-22

(54)

Indication of products

- **en:** Mountings (part of -)
- **fr:** Ferrures (partie de -)
- **es:** Soportes (parte de -)
- **de:** Träger (Teil von -)

(51)
Class and subclass of the Locarno Classification
08-08

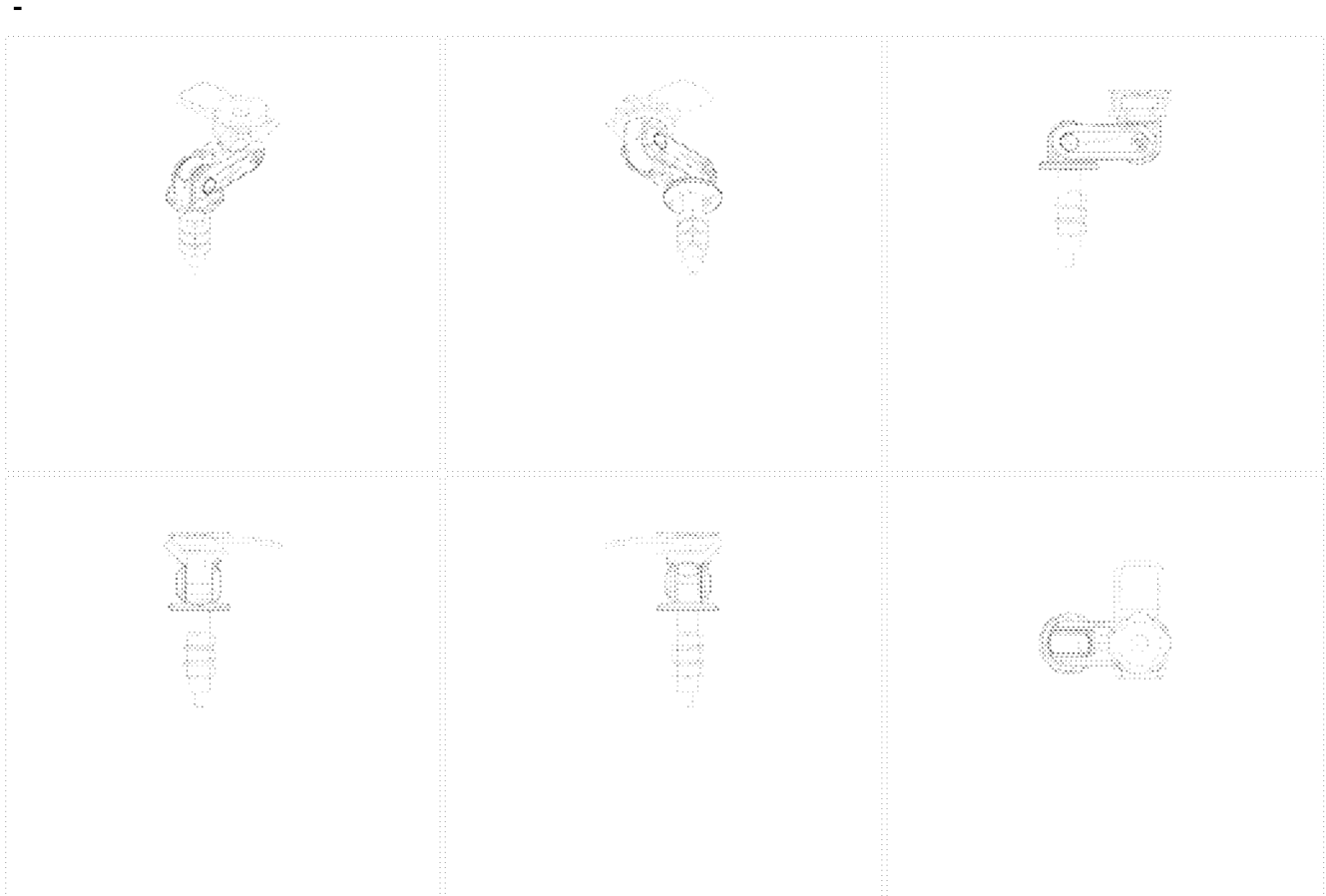
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Name(s) and address(es) of the applicant(s)
ANNEX PRODUCTS PTY. LTD.
39-41 Mount St.
Prahan Victoria 3181
AUSTRALIA

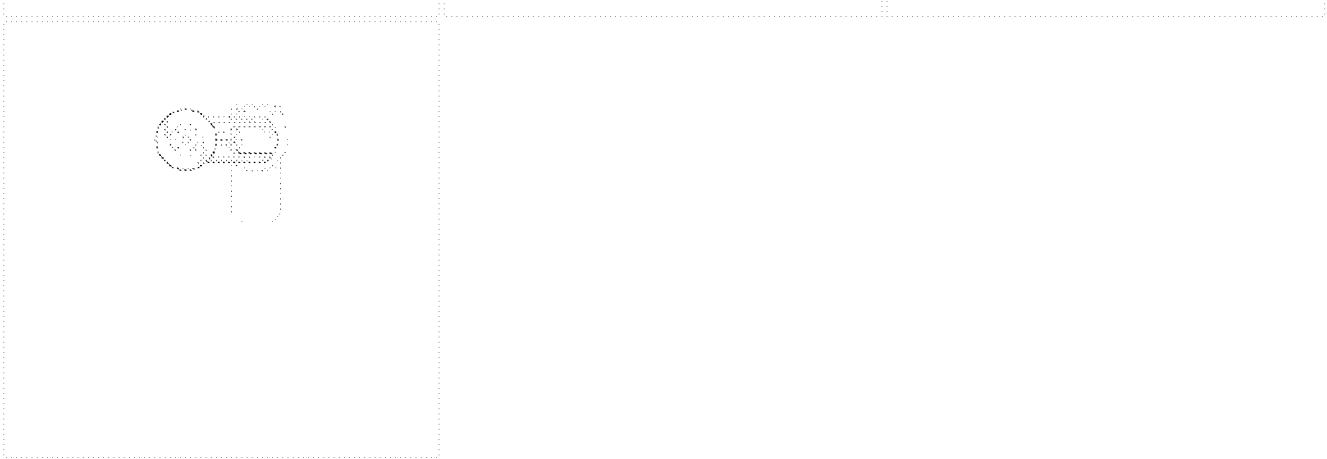
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Name and address of representative
ROSLER + RASCH - van der HEIDE & PARTNER PATENT- UND RECHTSANWÄLTE Partnerschaftsgesellschaft mbH
Bodenseestr. 18
D-81241 München
ALEMANNIA

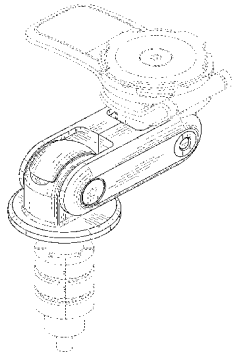
(72)
Name and address of creator of designs
Peters, Christopher

(30)
Data relating to priority claim under the Paris Convention

- 2018-05-23 - 29/648,635 - US -







Mountings (part of -)

Locarno classification	08.08
Domestic classification	
Design number	<u>005832789-0001</u>
Application number	<u>005832789</u>
Registration office code	EM
Application language code	en
Application date	23/11/2018
Registration date	23/11/2018
Publication date	24/01/2019
Design description	Yes
Expiry date	23/11/2023
Effective date	23/11/2018
Design current status code	Registered and fully published
Design current status date	22/01/2019
Comment	

Owner

Applicant Identifier	966539
Applicant name	ANNEX PRODUCTS PTY. LTD.
Applicant legal entity	Legal Entity
Applicant nationality code	AU
Address	39-41 Mount St.
City	Prahan
Postcode	3181
Country code	AU

Representative

Representative identifier	42258
Representative's name	RÖSLER · RASCH · VAN DER HEIDE & PARTNER PATENT- UND RECHTSANWÄLTE PARTNERSCHAFTSGESELLSCHAFT MBB
Applicant legal entity	
Representative nationality code	DE
Address	Bodenseestr. 18
City	München
Postcode	81241
Country code	DE

Correspondence address

No entry for the design no

Exhibition Priority

No entry for the design no

Priority

Priority number	Country	Date
29/648,635	US	23/05/2018

Publication

Publication identifier	Publication section	Date	Page
2019/016	A.1	24/01/2019	

DESIGNER

Designer identifier	203307
Designer Address	Peters, Christopher

Designer identifier	203308
Designer Address	Stevens, Craig

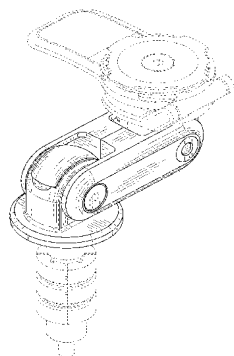
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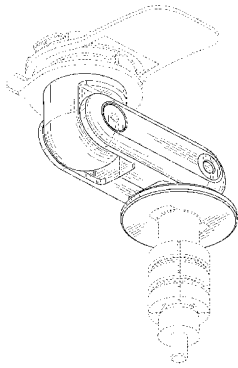
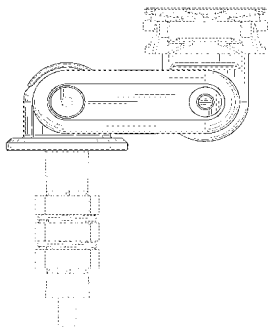
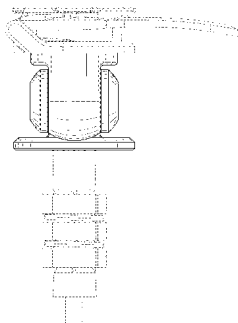
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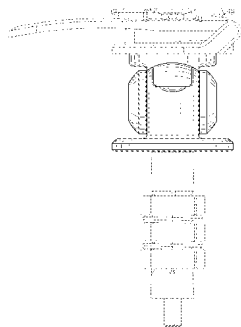
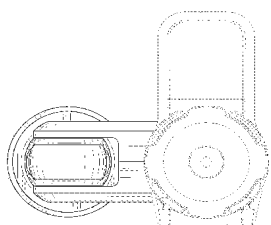
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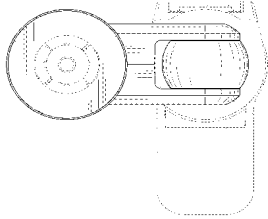
No entry for the design no

Representation (views of design)









A world-wide collection of designs data; including WIPO Hague registrations and information from participating offices.

European Designs

005832813-0001 - Mounting devices (Registered and fully published)

(19)

Identification, using the two-letter code according to WIPO Standard ST.3, of the authority publishing or registering the industrial design

EM

Design number

005832813-0001

(21)

Application number

005832813

(25)

Application language code

en

Second language code

de

(22)

Filing date

2018-11-23

Application reference

BARN_60906_EU-D

(15)

Date of the national registration

2018-11-23

Publication Date

2019-01-21

(57)

Description of the characteristic features of the design(s), or matter for which protection is not sought

Yes

Renewal current status code

Not to be renewed

(18)

Expected expiration date of the registration/renewal

2023-11-23

Current status code

Registered and fully published

Current status date

2019-01-17

(54)

Indication of products

- **en:** Mounting devices
- **fr:** Dispositifs de montage
- **es:** Dispositivos de montaje
- **de:** Montagevorrichtungen

(51)
Class and subclass of the Locarno Classification
08-08

(71)
Name(s) and address(es) of the applicant(s)
ANNEX PRODUCTS PTY. LTD.
39-41 Mount St.
Prahan Victoria 3181
AUSTRALIA

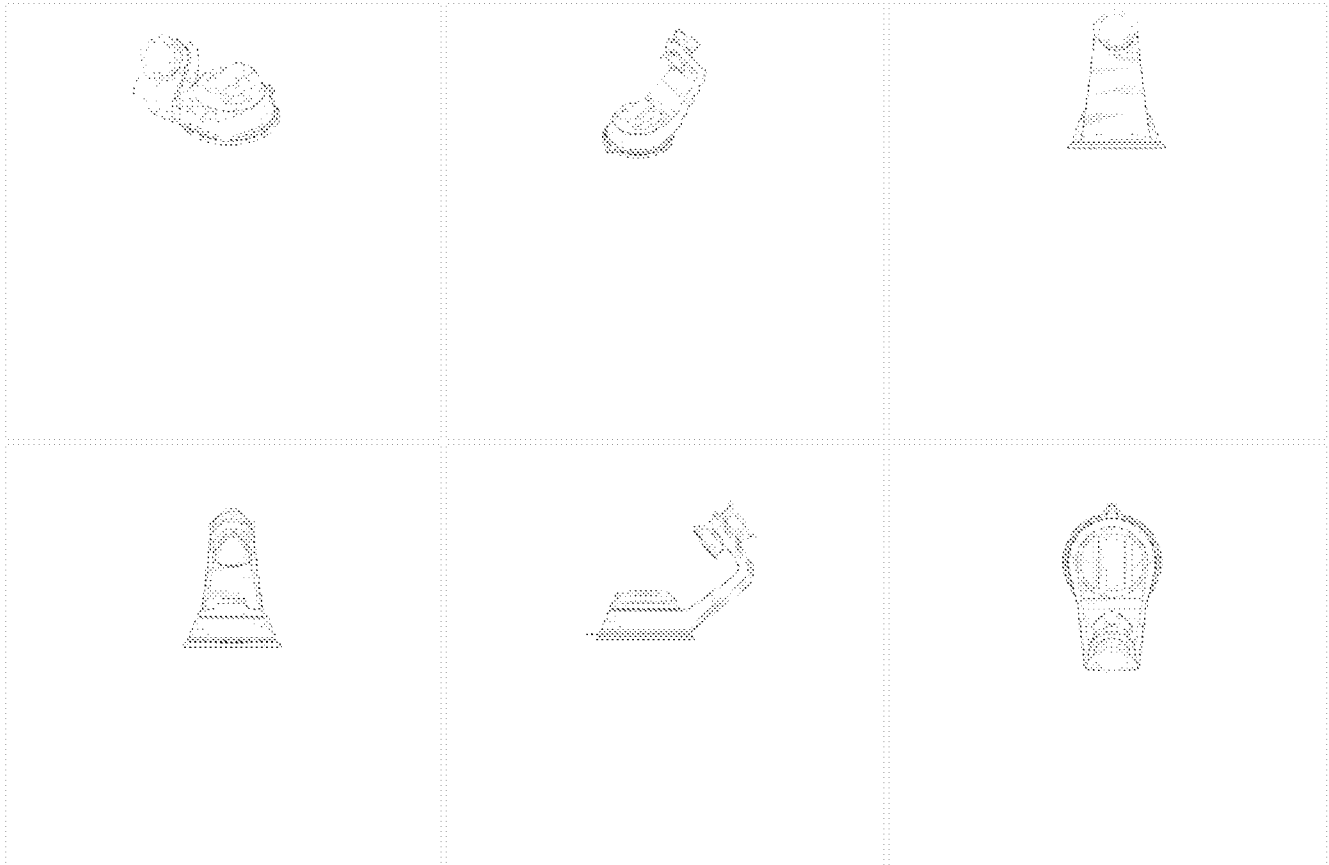
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Name and address of representative
ROSLER + RASCH - van der HEIDE & PARTNER PATENT- UND RECHTSANWÄLTE Partnerschaftsgesellschaft mbH
Bodenseestr. 18
D-81241 München
ALEMANNIA

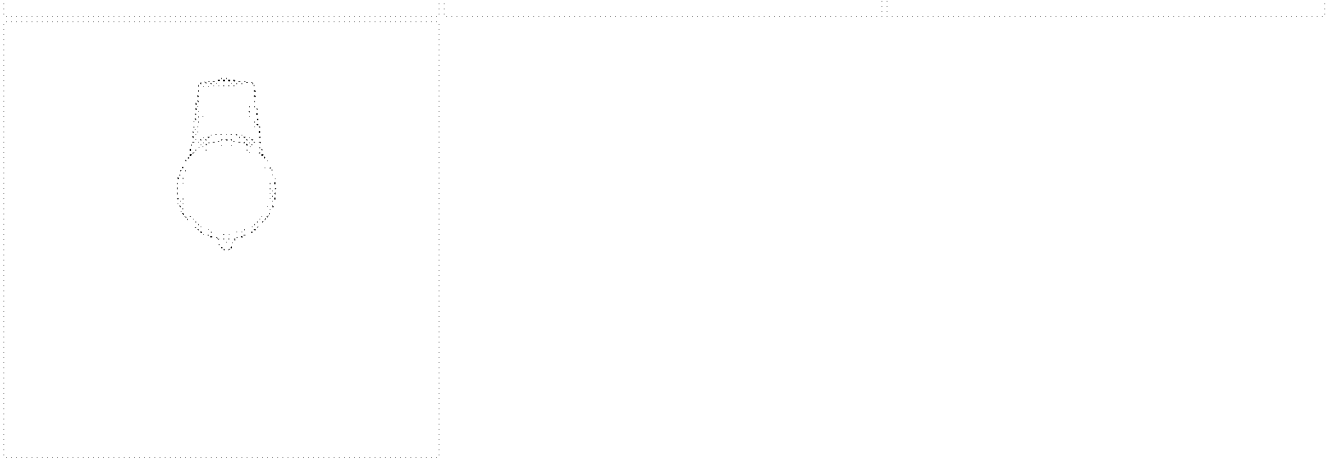
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Peters, Christopher

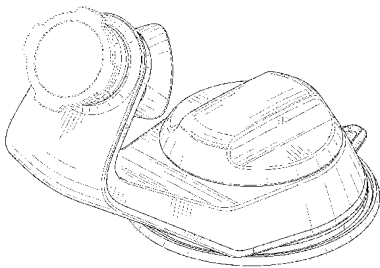
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Data relating to priority claim under the Paris Convention

- 2018-05-23 - 29/648636 - US -

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Mounting devices

Locarno classification	08.08
Domestic classification	
Design number	<u>005832813-0001</u>
Application number	<u>005832813</u>
Registration office code	EM
Application language code	en
Application date	23/11/2018
Registration date	23/11/2018
Publication date	21/01/2019
Design description	Yes
Expiry date	23/11/2023
Effective date	23/11/2018
Design current status code	Registered and fully published
Design current status date	17/01/2019
Comment	

Owner

Applicant Identifier	966539
Applicant name	ANNEX PRODUCTS PTY. LTD.
Applicant legal entity	Legal Entity
Applicant nationality code	AU
Address	39-41 Mount St.
City	Prahan
Postcode	3181
Country code	AU

Representative

Representative identifier	42258
Representative's name	RÖSLER · RASCH · VAN DER HEIDE & PARTNER PATENT- UND RECHTSANWÄLTE PARTNERSCHAFTSGESELLSCHAFT MBB
Applicant legal entity	
Representative nationality code	DE
Address	Bodenseestr. 18
City	München
Postcode	81241
Country code	DE

Correspondence address

No entry for the design no

Exhibition Priority

No entry for the design no

Priority

Priority number	Country	Date
29/648636	US	23/05/2018

Publication

Publication identifier	Publication section	Date	Page
2019/013	A.1	21/01/2019	

DESIGNER

Designer identifier	203307
Designer Address	Peters, Christopher

Designer identifier	203313
Designer Address	Ryan, Leigh

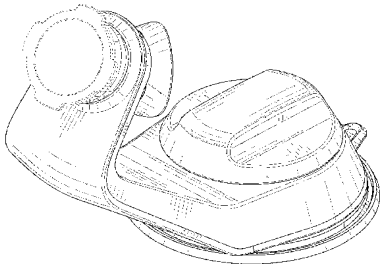
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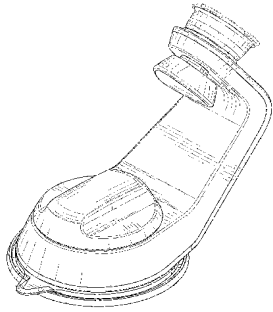
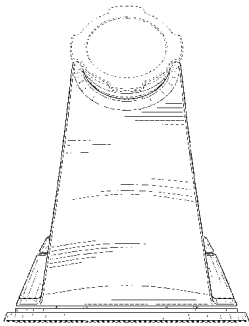
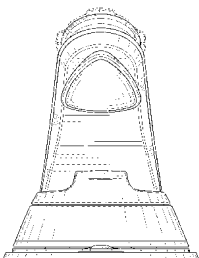
No entry for the design no

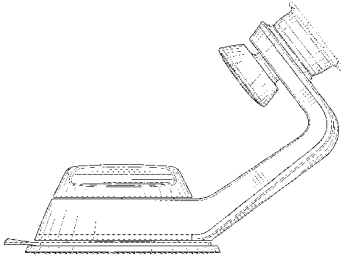
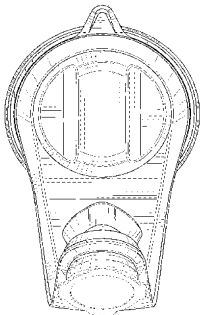
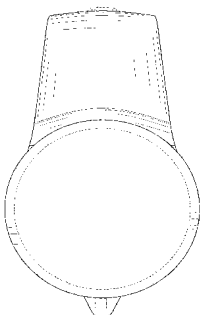
Recordals

No entry for the design no

Representation (views of design)









ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
11/14/2022 01:24:54 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY Shine Fu

PATENT CENTER # 61173628

AUTHORIZED BY Curtiss Dosier

CUSTOMER # 20995

FILING DATE 12/10/2020

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Jeff Whitten

Payment Information

PAYMENT METHOD
CARD / 2564

PAYMENT TRANSACTION ID
E2022ADD26512202

PAYMENT AUTHORIZED BY
Christina Graul

PRE-AUTHORIZED ACCOUNT
111410

PRE-AUTHORIZED CATEGORY
37 CFR 1.16 (National application filing, search, and examination fees); 37
CFR 1.17 (Patent application and reexamination processing fees)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2251	EXTENSION FOR RESPONSE WITHIN FIRST MONTH	110.00	1	110.00
2801	REQUEST FOR CONTINUED EXAMINATION (RCE) - 1ST REQUEST (SEE 37 CFR 1.114)	680.00	1	680.00
TOTAL AMOUNT:				\$790.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as

described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

A world-wide collection of designs data; including WIPO Hague registrations and information from participating offices.

European Designs

005832854-0001 - Charging devices (Registered and fully published)

(19)

Identification, using the two-letter code according to WIPO Standard ST.3, of the authority publishing or registering the industrial design

EM

Design number

005832854-0001

(21)

Application number

005832854

(25)

Application language code

en

Second language code

de

(22)

Filing date

2018-11-23

Application reference

BARN_60907_EU-D

(15)

Date of the national registration

2018-11-23

Publication Date

2019-03-04

(57)

Description of the characteristic features of the design(s), or matter for which protection is not sought

Yes

Renewal current status code

Not to be renewed

(18)

Expected expiration date of the registration/renewal

2023-11-23

Current status code

Registered and fully published

Current status date

2019-02-28

(54)

Indication of products

- **en:** Charging devices
- **fr:** Dispositifs de rechargement
- **es:** Dispositivos de carga
- **de:** Ladevorrichtungen

(51)
Class and subclass of the Locarno Classification

13-02

(71)
Name(s) and address(es) of the applicant(s)
ANNEX PRODUCTS PTY. LTD.
39-41 Mount St.
Prahan Victoria 3181
AUSTRALIA

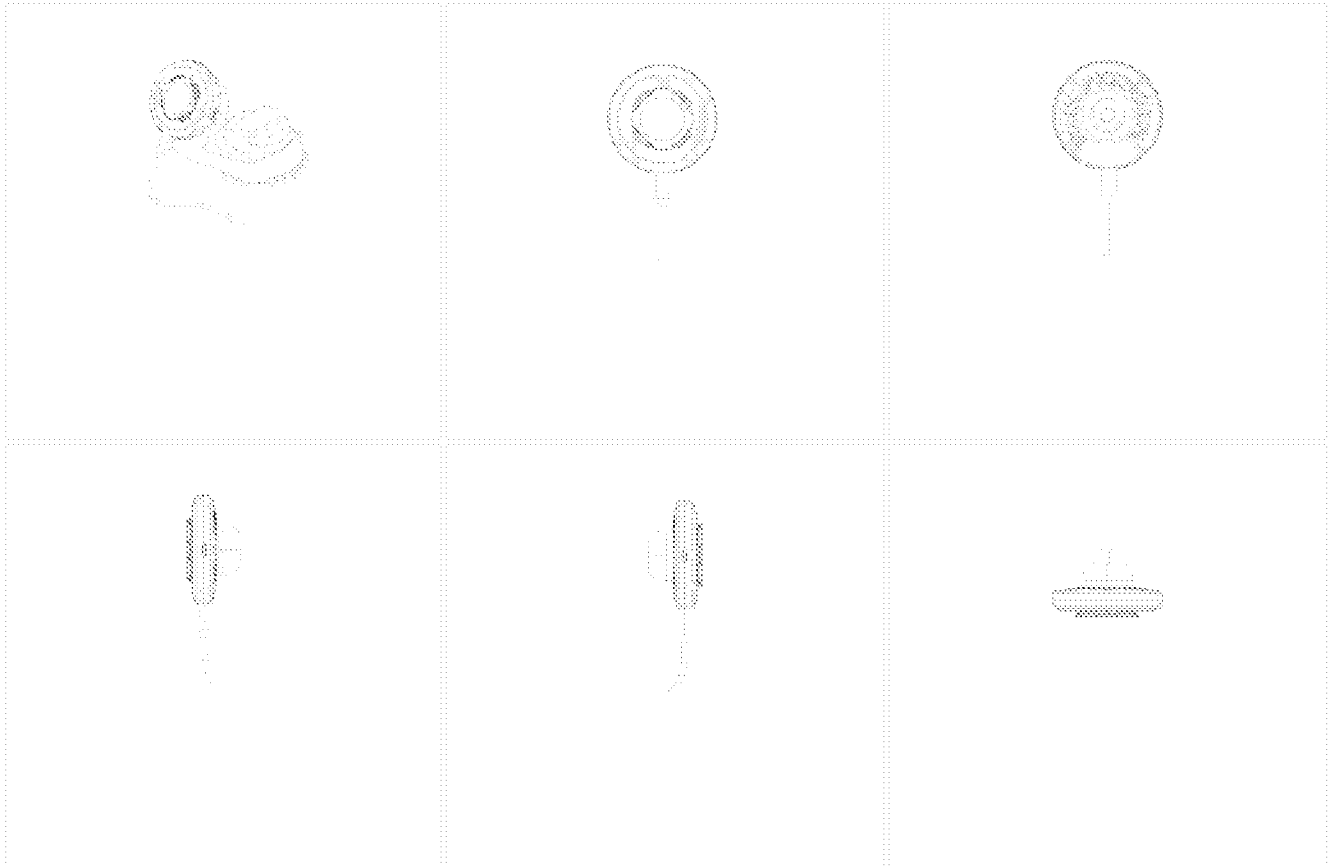
(74)
Name and address of representative
ROSLER + RASCH - van der HEIDE & PARTNER PATENT- UND RECHTSANWÄLTE Partnerschaftsgesellschaft mbH
Bodenseestr. 18
D-81241 München
ALEMANNIA

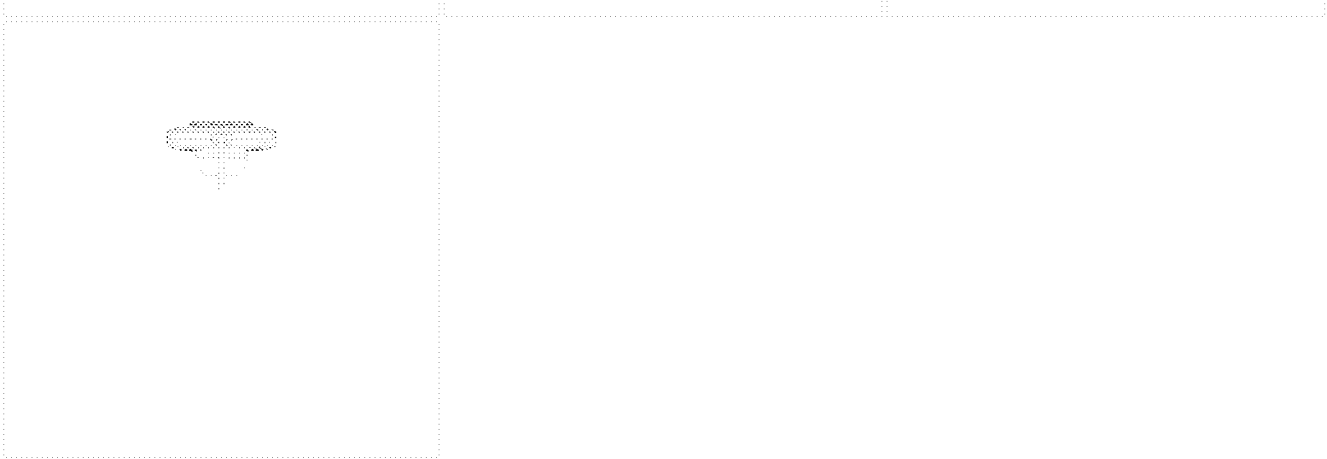
(72)
Name and address of creator of designs
Peters, Christopher

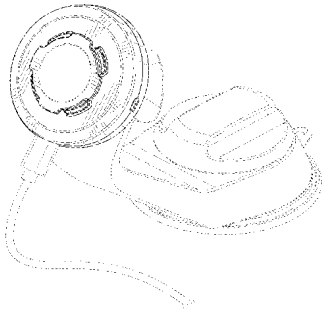
(30)
Data relating to priority claim under the Paris Convention

- 2018-05-31 - 29/649629 - US -

-







Charging devices

Locarno classification	13.02
Domestic classification	
Design number	<u>005832854-0001</u>
Application number	<u>005832854</u>
Registration office code	EM
Application language code	en
Application date	23/11/2018
Registration date	23/11/2018
Publication date	04/03/2019
Design description	Yes
Expiry date	23/11/2023
Effective date	23/11/2018
Design current status code	Registered and fully published
Design current status date	28/02/2019
Comment	

Owner

Applicant Identifier	966539
Applicant name	ANNEX PRODUCTS PTY. LTD.
Applicant legal entity	Legal Entity
Applicant nationality code	AU
Address	39-41 Mount St.
City	Prahan
Postcode	3181
Country code	AU

Representative

Representative identifier	42258
Representative's name	RÖSLER · RASCH · VAN DER HEIDE & PARTNER PATENT- UND RECHTSANWÄLTE PARTNERSCHAFTSGESELLSCHAFT MBB
Applicant legal entity	
Representative nationality code	DE
Address	Bodenseestr. 18
City	München
Postcode	81241
Country code	DE

Correspondence address

No entry for the design no

Exhibition Priority

No entry for the design no

Priority

Priority number	Country	Date
29/649629	US	31/05/2018

Publication

Publication identifier	Publication section	Date	Page
2019/043	A.1	04/03/2019	

DESIGNER

Designer identifier	203307
Designer Address	Peters, Christopher

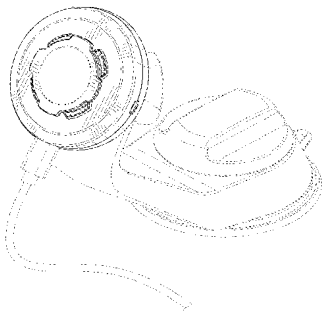
Renewals

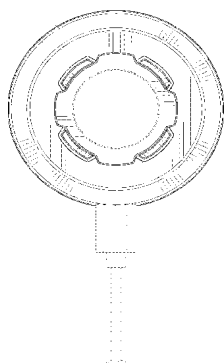
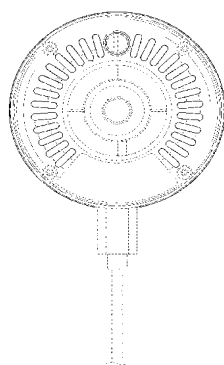
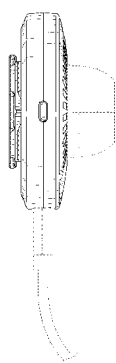
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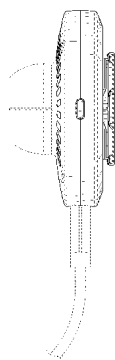
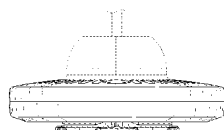
Recordals

No entry for the design no

Representation (views of design)









Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed		PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce
Electronic Petition Request	TERMINAL DISCLAIMER TO OBIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	
Application Number	17118371	
Filing Date	10-Dec-2020	
First Named Inventor	Jeff Whitten	
Attorney Docket Number	ROK.019C6	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	
☒ Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action ☒ This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.		
Owner	Percent Interest	
RokForm IP LLC	100%	
<p>The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)</p> <p>10093377</p> <p>as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.</p> <p>In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:</p> <ul style="list-style-type: none"> - expires for failure to pay a maintenance fee; - is held unenforceable; - is found invalid by a court of competent jurisdiction; - is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321; - has all claims canceled by a reexamination certificate; - is reissued; or - is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer. <p>☒ Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.</p>		

☐ I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.	
Applicant claims the following fee status: ☒ Small Entity ☐ Micro Entity ☐ Regular Undiscounted	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.	
THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES I certify, in accordance with 37 CFR 1.4(d)(4) that I am: ☒ An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application Registration Number <u>46670</u> ☐ A sole inventor ☐ A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application ☐ A joint inventor; all of whom are signing this request	
Signature	/Curtiss C. Dosier/
Name	Curtiss C. Dosier

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
 Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	17118371			
Filing Date:	10-Dec-2020			
Title of Invention:	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE			
First Named Inventor/Applicant Name:	Jeff Whitten			
Filer:	Curtiss C. Dosier/Gustavo Lopez			
Attorney Docket Number:	ROK.019C6			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
STATUTORY OR TERMINAL DISCLAIMER	2814	1	170	170
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				170

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 17118371

Filing Date: 10-Dec-2020

Applicant/Patent under Reexamination: Whitten

Electronic Terminal Disclaimer filed on November 14, 2022

☒ APPROVED

This patent is subject to a terminal disclaimer

☐ DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	47006176
Application Number:	17118371
International Application Number:	
Confirmation Number:	7153
Title of Invention:	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE
First Named Inventor/Applicant Name:	Jeff Whitten
Customer Number:	20995
Filer:	Curtiss C. Dosier/Gustavo Lopez
Filer Authorized By:	Curtiss C. Dosier
Attorney Docket Number:	ROK.019C6
Receipt Date:	14-NOV-2022
Filing Date:	10-DEC-2020
Time Stamp:	13:10:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$ 170
RAM confirmation Number	E2022ADD10481914
Deposit Account	111410
Authorized User	Gustavo Lopez

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer-Filed (Electronic)	eTerminal-Disclaimer.pdf	41259	no	2
			e932afb3a6687474a24a6b8a004c8295eb04571e		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	38090	no	2
			4cf11aa71dc86b98fec464bb4eb58878158931cc		
Warnings:					
Information:					
Total Files Size (in bytes):			79349		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 17/118,371		Filing Date 12/10/2020		☐ To be Mailed			
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO											
APPLICATION AS FILED - PART I											
		(Column 1)		(Column 2)							
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =		*		x \$50 =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =		*		x \$240 =					
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL					
APPLICATION AS AMENDED - PART II											
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	11/14/2022	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 19	Minus	** 20	= 0	x \$50 =		0			
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0	x \$240 =		0			
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE		0	
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =					
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =					
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.								LIE			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".								/POLIN ANG/			
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".											
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153
20995	7590	07/11/2022	EXAMINER	
KNOBBE MARTENS OLSON & BEAR LLP			COLLINS, RAVEN	
2040 MAIN STREET			ART UNIT	PAPER NUMBER
FOURTEENTH FLOOR			3735	
IRVINE, CA 92614			NOTIFICATION DATE	DELIVERY MODE
			07/11/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

efiling@knobbe.com

jayna.carttee@knobbe.com

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.
1. This action is written in response to the amendment filed 06/22/2022
 - Claims 16, 20, 25 and 26 have been amended and claims 19 and 27 have been cancelled
 - Claims 16-18, 20-26 and 28-33 are presented for examination
 - This action is Final

Double Patenting

2. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting

provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

3. Claims 16-18, 20-26 and 28-33 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-12 and 14 of U.S. Patent No. 10,093,377. Although the claims at issue are not identical, they are not patentably distinct from each other because the following limitations are found in both the issued patent and the current application:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member that defines at least a portion of an exterior surface of the rear portion of the case, the flexible non-slip member comprising a non-slip material, wherein an interior

surface of the flexible non-slip member defines an indentation; [[and]]

a magnet received within the indentation of the flexible non-slip member such that a rear-facing surface of the magnet is covered by the flexible non-slip member; and

wherein the non-slip region further comprises an open space defined by the case, wherein the non-slip member is shaped to fit within the open space.

Appropriate action is required.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **RAVEN COLLINS** whose telephone number is (571)270-1672. The examiner can normally be reached Monday-Friday 8:30am to 5:00pm EST.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is

Art Unit: 3735

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/RAVEN COLLINS/
Examiner, Art Unit 3735

/Anthony D Stashick/
Supervisory Patent Examiner, Art Unit 3735

<i>Search Notes</i> 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
A45C 2011/001-003	03/16/2022	RC
B62J 7/06	03/16/2022	RC

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
206	320	03/16/2022	RC

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
cpc, class and text search	03/16/2022	RC

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/RAVEN COLLINS/ Examiner, Art Unit 3735	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	17/118371
	Filing Date	December 10, 2020
	First Named Inventor	Whitten, Jeff
	Art Unit	3735
(Multiple sheets used when necessary)	Examiner	Raven Collins
SHEET 1 OF 1	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	7,374,142	05-20-2008	Carnevali	
	2	8,317,067	11-27-2012	Lewis	
	3	8,544,644	10-01-2013	Meehan	
	4	9,616,821	04-11-2017	Elharar	
	5	10,122,400	11-06-2018	Tiller et al.	
	6	10,326,488	06-18-2019	Wojcik	
	7	10,864,956	12-15-2020	Whitten et al.	
	8	11,044,974	06-29-2021	Whitten et al.	
	9	D685,362	07-02-2013	Murchison et al.	
	10	2006/0147080	07-06-2006	Wilson et al.	
	11	2007/0174187	07-26-2007	Altberg et al.	
	12	2014/0287800	09-25-2014	Ho	
	13	2015/0189963	07-09-2015	Lai et al.	
	14	2015/0201723	07-23-2015	Rayner et al.	
	15	2021/0261215	08-26-2021	Whitten et al.	
	16	2021/0315340	10-14-2021	Whitten et al.	
	17	2022/0117384	04-21-2022	Whitten	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	18	WO 2013/106849	07-18-2013	Rokform, LLC		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C/

Examiner Signature	/RAVEN COLLINS/	Date Considered	07/01/2022
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 17/118,371		Filing Date 12/10/2020		☐ To be Mailed			
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO											
APPLICATION AS FILED - PART I											
		(Column 1)		(Column 2)							
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =		*		X \$ =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =		*		X \$ =					
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL					
APPLICATION AS AMENDED - PART II											
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	06/22/2022	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 16	Minus	** 20	= 0		X \$ =		0		
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0		X \$ =		0		
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE		0	
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=		X \$ =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=		X \$ =				
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.								LIE			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".								/NICOLE C LAWRENCE/			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	17/118371
	Filing Date	December 10, 2020
	First Named Inventor	Whitten, Jeff
	Art Unit	3735
(Multiple sheets used when necessary)	Examiner	Raven Collins
SHEET 1 OF 1	Attorney Docket No.	ROK.019C6

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	3	8,544,644	10-01-2013	Meehan	
	4	9,616,821	04-11-2017	Elharar	
	5	10,122,400	11-06-2018	Tiller et al.	
	6	10,326,488	06-18-2019	Wojcik	
	7	10,864,956	12-15-2020	Whitten et al.	
	8	11,044,974	06-29-2021	Whitten et al.	
	9	D685,362	07-02-2013	Murchison et al.	
	10	2006/0147080	07-06-2006	Wilson et al.	
	11	2007/0174187	07-26-2007	Altberg et al.	
	12	2014/0287800	09-25-2014	Ho	
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	14	2015/0201723	07-23-2015	Rayner et al.	
	15	2021/0261215	08-26-2021	Whitten et al.	
	16	2021/0315340	10-14-2021	Whitten et al.	
	17	2022/0117384	04-21-2022	Whitten	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	18	WO 2013/106849	07-18-2013	Rokform, LLC		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

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T¹ - Place a check mark in this area when an English language Translation is attached.



(51) International Patent Classification:

H04B 1/38 (2006.01) **G06F 1/16** (2006.01)

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,

BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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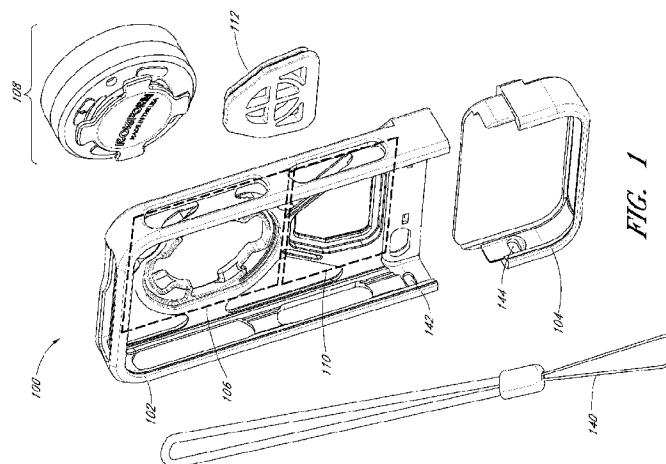
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE



(57) Abstract: A protective case (100) for a handheld electronic device is provided. The protective case (100) can include a removable mounting system (108) comprised of an interlocking member (902) and a plurality of mounting bases (904). The protective case (100) may further include a non-slip member (112) to prevent the device from slipping on a surface and a magnet (802) for attaching the device (100) to a magnetic surface.

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

RELATED APPLICATIONS

[0001] This application claims the benefit of U.S. Provisional Patent Application Nos. 61/585,933, entitled “PHONE CASE AND MOUNT SYSTEM,” filed January 12, 2012, and 61/653,618, entitled “CASE MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE,” filed May 31, 2012.

[0002] This application hereby incorporates by reference the above-identified provisional applications in their entirety.

BACKGROUND OF THE INVENTION

Field of the Invention

[0003] The invention relates generally to protective cases for handheld electronic devices.

Description of the Related Art

[0004] Handheld and/ or portable electronic devices (e.g., digital media players, phones, smartphones, tablet computers, handheld readers, and similar devices) are becoming important and common tools. These tools are constantly in use, both at home and on the go.

[0005] However, with this frequency and variety of use comes the problem of proper protection. Without proper protection, a device may become damaged due to being dropped or by falling from an unsecured position. This damage may be permanent and cause loss of data or information and high replacement costs.

SUMMARY OF THE INVENTION

[0006] In at least one embodiment, the present application relates to a protective system for a handheld electronic device that overcomes the shortcomings of the prior art noted above.

[0007] In some embodiments, a protective system for a handheld electronic device is disclosed. The protection system comprises a shell comprised of a rear wall, a plurality of wall surfaces arranged to enclose a plurality of peripheral edges of a handheld electronic device, and an outer surface. The rear wall further defines an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-

slip member. The attachment region comprises a first open space, an inner interlocking surface and an outer interlocking surface, both the interlocking surfaces surrounding the first open space, the inner interlocking surface being located above the plane of the outer surface of the rear wall and wherein the inner and outer interlocking surfaces are radially offset to provide an interlocking area. The interlocking member comprises a plate having a plurality of engaging members generally located at right angles, the engaging members being configured to interact with the inner and outer interlocking surfaces such that in an interlocked position each of the engaging members is disposed within the interlocking area. The interlocking member further comprises at least one mounting base. The non-slip region comprises a second open space and a recessed surface formed by the disposition of a small diameter opening within a larger diameter opening. The non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a circumferential groove dividing the non-slip member into a gripping surface and an interior surface, the interior surface having a greater diameter than the gripping surface, the groove in the non-slip member engaging with the recessed surface to attach the non-slip member to the shell. The non-slip member further comprises an indentation on the interior surface designed to incorporate a magnet.

[0008] 1. An embodiment involves a protection system for a handheld electronic device, including a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device. The rear wall further comprises an inner surface and an outer surface. The rear wall defines an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member. The attachment region comprises a first open space, a first interlocking surface and a second interlocking surface. Both of the first and second interlocking surfaces surrounding at least a portion of the first open space. The first and second interlocking surfaces are located behind the inner surface of the rear wall with the first interlocking surface being located substantially in a first plane and the second interlocking surface having at least a portion that extends substantially perpendicular to the first plane. The first interlocking surface is circumferentially offset from at least a portion of the second interlocking surface to provide an interlocking area. The

interlocking member comprises a plate portion having at least one engagement member that, in use, is passed through the first open space and disposed within the interlocking area to achieve an interlocked position between the interlocking member and the shell. The interlocking member further comprises at least one mounting base. The non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening. The non-slip member comprises a non-slip material shaped to fit within the second open space. The non-slip member has a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell. The non-slip member further comprises an indentation within an interior surface that, in use, faces the associated handheld electronic device. A magnet is received within the indentation of the non-slip member.

[0009] 2. The system of paragraph 1, wherein the shell further comprises at least one access opening that allows access to control features of the handheld electronic device.

[0010] 3. The system of paragraph 1, wherein the non-slip member is disposed outwardly of the outermost portion of the outer surface of the rear wall of the shell.

[0011] 4. The system of paragraph 1, wherein the mounting base further comprises an adhesive layer that, in use, attaches to a mounting surface via adhesion.

[0012] 5. The system of paragraph 1, wherein the interlocked position is achieved by rotation of the interlocking member within the attachment region.

[0013] 6. An embodiment involves a protection system for a handheld electronic device, including a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device. The rear wall further comprises an inner surface and an outer surface. The rear wall defines an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member. The attachment region comprises a first open space and a plurality of interlocking surface portions, and each of the interlocking surface portions including a retaining surface and a stop surface that cooperate to provide an interlocking area. The interlocking member comprises a plurality of engaging members, each of which are configured to interact with one of the plurality of interlocking surface portions such that, in an interlocked position, each of the plurality of engaging

members is disposed within one of the plurality of interlocking areas. The non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening. The non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell.

[0014] 7. The system of paragraph 6, wherein the shell further comprises at least one access opening that allows access to control features of a handheld electronic device.

[0015] 8. The system of paragraph 6, further comprising a magnet disposed within the non-slip member.

[0016] 9. The system of paragraph 6, further comprising at least one mounting base attached to the interlocking member.

[0017] 10. The system of paragraph 9, wherein the mounting base comprises an adhesive layer that allows the mounting base to be affixed to a surface through adhesion.

[0018] 11. An embodiment involves a protection system for a handheld electronic device, which includes a shell comprising a rear wall and a side wall extending in a first direction from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device. The rear wall comprises a first surface facing in the first direction and a second surface facing in a second direction opposite the first direction. The rear wall comprises an opening extending through the second surface. The opening defines at least one shell interlock surface. The system also includes a mount having at least one mount interlock surface, wherein, in use, a portion of the mount is passed through the opening of the shell and the at least one shell interlock surface is engaged with the at least one mount interlock surface to selectively couple the shell to the mount.

[0019] 12. The protection system of paragraph 11, wherein the mount comprises an adhesive layer that permits the mount to be secured to a surface via adhesion.

[0020] 13. The protection system of paragraph 11, wherein the mount is a bike mount that, in use, is mounted to a component of a bicycle.

[0021] 14. The protection system of paragraph 13, wherein the bike mount comprises a cap portion that, in use, is secured to a steerer tube of the bicycle.

[0022] 15. The protection system of paragraph 14, further comprising an arm portion that extends between the cap portion and the at least one mount interlock surface, wherein the arm portion is rotatably adjustable relative to the cap portion.

BRIEF DESCRIPTION OF THE DRAWINGS

[0023] These and other features, aspects, and advantages of the present invention will now be described in connection with a preferred embodiment of the present invention, in reference to the accompanying drawings. The illustrated embodiments, however, are merely examples and are not intended to limit the invention.

[0024] FIG. 1 is a perspective view of an exploded assembly of protective system for a handheld electronic device according to a preferred embodiment of the invention;

[0025] FIG. 2 is a view of the interior rear surface of a shell of the protective system;

[0026] FIG. 3 is a view of the exterior rear surface of a shell of the protective system;

[0027] FIG. 4 is a perspective view of a shell of the protective system;

[0028] FIG. 5 is a perspective view of a lower shell of the protective system;

[0029] FIG. 6 is a cross sectional view of a shell of the protective system and a mounting member;

[0030] FIG. 7 is a cross sectional view of a shell of the protective system and a non-slip member;

[0031] FIG. 8A is a perspective view of a non-slip member;

[0032] FIG. 8B is a second perspective view of a non-slip member;

[0033] FIG. 8C is a perspective view of an exploded assembly of a non-slip member containing a rare-earth magnet and a magnet cover piece;

[0034] FIG. 9A is a perspective view of a first side of an interlocking member;

[0035] FIG. 9B is a second perspective view of a second side of the interlocking member;

[0036] FIG. 9C is a perspective view of a mounting base; and

[0037] FIG. 10 is a perspective view of an assembled mounting member.

[0038] FIG. 11 is perspective view of the protective system secured to a bicycle mount.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0039] The following detailed description is directed to certain specific embodiments of the invention. However, the invention may be embodied in a multitude of different ways as defined and covered by the claims.

[0040] Embodiments of the invention can provide the features of a protection system for a portable or handheld electronic device (hereinafter “handheld electronic device”). Some embodiments of the invention desirably may incorporate an attachment region for attaching a removable mounting member preferably able to support the handheld electronic device within the protection system and affix to a variety of surfaces. Other embodiments of the invention may also incorporate an anti-slip surface wherein a magnet is disposed for attachment of the device to magnetic surfaces and slip prevention.

[0041] A preferred embodiment of the present invention comprises a shell for rigidly securing and protecting a handheld electronic device. In a preferred embodiment, the shell may be in multiple pieces for ease of assembly around a handheld electronic device. The upper piece of the shell preferably provides an attachment region for a removable mounting member that can attach to various solid surfaces, such as but not limited to a desk, vehicle dashboard, mirror, etc. The shell preferably also incorporates an anti-slip insert in which a magnet is disposed, allowing for magnetic adherence to surfaces without interfering with the anti-slip benefit provided by the anti-slip insert. The shell preferably is formed using a material that is generally rigid and lightweight, such as but not limited to an injection molded polycarbonate or other suitable plastic material(s). Preferably, the shell comprises rigid sidewalls that surround an entirety or portions of the peripheral edges of the device. The sidewalls preferably are arranged to protect the device by absorbing incidental shock forces and/or inhibiting or preventing direct contact between the device and another object. The sidewalls also desirably contain various openings to allow access to the control buttons, inputs, and outputs of the handheld electronic device. The rear surface of the shell is preferably further designed with various openings to allow additional access to features of the

handheld electronic device that may be located on the rear of the device (such as a camera) or to reduce the weight of the shell.

[0042] FIG. 1 depicts a preferred embodiment having certain features, aspects and advantages of the present invention. In FIG.1, protection system 100 may include more, fewer or different components than those shown. Protection system 100 includes a body or shell that, in the illustrated arrangement, is comprised of an upper shell piece 102 and lower shell piece 104. Protection system 100 is shown in two pieces to facilitate installation of the protection system 100 on a handheld electronic device. Lower shell piece 104 is designed, in one embodiment, to fit together with upper shell piece 102 preferably using an interlocking or tab / slot attachment. However, in other arrangements, the upper shell piece 102 and lower shell piece 104 could be secured together with other arrangements (e.g., mechanical fasteners, such as screws) or could be portions of a unitary or single-piece shell in which installation of the electronic device is accomplished through another method, such as by deformation of the side walls or other portions of the shell to pass over the electronic device. Thus, references to the upper shell piece 102 or lower shell piece 104 herein are also intended to refer to the entire shell of an integrated or unitary shell arrangement.

[0043] Upper shell piece 102 preferably includes an attachment region 106 for attaching mounting member 108. The attachment region 106 contains an engagement structure that allows the upper shell piece 102 and, thus, the protection system 100 to be releasably attached the mounting member 108. A preferred engagement structure is described in greater detail below. As shown in FIG. 1 and FIGS. 9A-C, mounting member 108 may be comprised of an interlocking member 902 and at least one mounting base 904. As described further below and shown in Figure 6, the mounting member 108 can also include one or more optional spacers, which could be similar or identical to the mounting base 904. Upper shell piece 102 also preferably includes a non-slip region 110, which includes a non-slip arrangement that enhances frictional engagement of protection system 100 with a surface on which the protection system 100 may be placed. In the illustrated arrangement, the non-slip region 110 incorporates an opening or cavity in the protection system 100 (e.g., the upper shell piece 102) into which non-slip member 112 may be inserted. As depicted more clearly in FIG. 8C, non-slip member 112 may also preferably comprise a

rare earth magnet 802 in order to removably attach the handheld electronic device contained within protection system 100 to a magnetic surface.

[0044] FIG. 1 further depicts a preferred embodiment of the invention further comprising a lanyard 140, which may attach to protection system 100 to facilitate easy carrying and transport of a handheld electronic device. For example, the lanyard 140 can be looped through openings 142 and 144 on the upper shell piece 102 and lower shell piece 104, respectively. Additional accessories, not shown in FIG. 1, may be used with protection system 100. For example, one accessory that may be used with protection system 100 includes a bike mount, one embodiment of which is shown in Figure 11. Another accessory that may be used with protection system 100 includes a tripod (not shown), which can support the protection system 100 and associated electronic device in a suitable position (e.g., portrait or landscape) preferably at an elevated position relative to a surface on which the tripod rest to take photographs or video. The accessory can be coupled to the protection system 100 via an interlocking arrangement the same as or similar to the mounting member 108 or via other suitable arrangements, such as the same as or similar to the lanyard 140 arrangement. In addition to the lanyard 140, bike mount and tripod, other types of accessories can also be provided, such as adjustable or non-adjustable stands, mounting or securing clip arrangements, etc.

[0045] As shown in FIGS. 1-4, the assembled upper shell piece 102 and lower shell piece 104 of the protection system 100 together define an interior region or space in which a handheld electronic device may be enclosed. Each of the upper shell piece 102 and the lower shell piece 104 has a rear wall portion 200 that defines an interior rear surface 202 positioned adjacent the back surface of an electronic device placed in the protection system 100. The upper shell piece 102 and the lower shell piece 104 also include at least one or a plurality of enclosing edges to surround the sides of a handheld electronic device and provide protection for the handheld electronic device. In the illustrated arrangement, the enclosing edges are defined by a sidewall portion 150 that extends from the rear wall portion 200. The illustrated sidewall portion 150 extends along an entire periphery of the rear wall portion 200. As described above, however, the sidewall portion 150 is not necessarily solid or continuous, but can include one or more openings configured to allow access to controls or other

components or features of the handheld electronic device, or simply to reduce weight. In alternative arrangements, the sidewall portion 150 can be constructed of one or several distinct sidewall portions, such as four corner portions, for example. A forward wall portion is spaced from the rear wall portion 200 by the sidewall portion 150. The forward wall portion defines a forward interior surface that is positioned adjacent a forward surface of the handheld electronic device placed in the protection system 100. In the illustrated arrangement, the forward wall portion is defined by a lip 152 that extends in an inward direction from the sidewall portion 150. Preferably, the lip 152 extends around the entire periphery of the rear wall portion 200. However, in other arrangements, the lip 152 can extend only around a portion of the periphery, which can be the same portion or a different portion than the portion surrounded by the sidewall portion 150. As discussed above, the upper shell piece 102 and lower shell piece 104 can be unitarily-formed. Accordingly, the sidewall portion 150 and/or lip 152 could be unitary, as well.

[0046] As more clearly illustrated in FIG. 2, upper shell piece 102 also preferably includes an attachment region 106. The illustrated attachment region 106 defines an opening 160 in the interior rear surface 202 of upper shell piece 102. As described above, attachment region 106 is configured to allow attachment of mounting member 108 through an interlocking attachment that selectively secures the shell 102 to the mounting member 108 and inhibits or prevents removal in at least one direction. As pictured, attachment region 106 comprises at least one tab 162, each of which preferably defines two interlocking surfaces, 116 and 126. In the illustrated arrangement, the attachment region 106 includes four tabs 162; however, other numbers of tabs 162 could also be provided, such as two, three, five, six or more tabs 162. Interlocking surface 116 is disposed towards the interior rear surface 202 of upper shell piece 102, while interlocking surface 126 is disposed within a different plane than that defined by interlocking surface 116. Preferably, the interlocking surface 116 is perpendicular or substantially perpendicular to the interlocking surface 126. Preferably, the interlocking surface 116 is perpendicular or substantially perpendicular to the interior rear surface 202. The plane of interlocking surface 126 preferably is offset or disposed “below” the plane defined by the interior rear surface 202 or towards the outer rear surface of upper shell piece 102. In addition, preferably, the interlocking surface 116 is offset from at least a

portion of the interlocking surface 126 in a circumferential direction to provide a space 164 in which a portion (e.g., tab 912) of the interlocking member 902 may be inserted. The opening 160 preferably also includes at least one access space 166 located beside or circumferentially offset from the at least one tab 162. Preferably, the number of access spaces 166 corresponds to the number of tabs 162. In the illustrated arrangement, four access spaces 166 are provided; however, the number of access spaces 166 can vary in the same manner as the number of tabs 162. Each of the tabs 912 of the interlocking member 902 can be inserted through one of the access spaces 166 and then turned to enter the space 164 and rest against the interlocking surfaces 116 and 126 to form an attachment with upper shell piece 102. Preferably, the access opening 166 is located on an opposite side of the interlocking surface 126 from the interlocking surface 116. In the illustrated arrangement, a circumferential dimension of the access opening 166 is smaller than a circumferential dimension of the tab 162 and can be approximately one-half of the circumferential dimension of the tab 162. The circumferential dimension of the space 164 is less than the circumferential dimension of the tab 162 and can be approximately one-half of the circumferential dimension of the tab 162. In the illustrated arrangement, the interlocking surface 116 is defined by a rib 168 that extends at least partially, and preferably entirely, around the opening 160. Preferably, the opening 160 passes completely through the upper shell piece 102 such that the surface of the associated electronic device is exposed through the opening 160. Such an arrangement advantageously minimizes the overall thickness of the protection system 100, while still providing the desired interlocking mount functionality. In an alternative arrangement, however, a rear wall portion can be provided to define a closed internal end of the opening 160, such that the rear wall portion is positioned in between the interlocking mount and the associated electronic device. Such an arrangement may increase the overall thickness of the protection system 100, but can also provide increased protection to the associated electronic device.

[0047] The interior rear surface 202 preferably also includes a non-slip region 110 within which a non-slip arrangement can be provided. For example, a non-slip member 112 may be inserted within the non-slip region 110 of the protective device 100. As shown, non-slip region 110 is comprised of a smaller opening 120 disposed within a larger opening 130.

In the illustrated arrangement, the smaller opening 120 extends completely through the rear wall portion 200 and the larger opening 130 extends partially through the rear wall portion 200 from the interior rear surface 202. The recessed surface formed by the disposition of smaller opening 120 within larger opening 130 forms an interference surface to retain non-slip member 112 within the non-slip region 110. FIG. 2 shows one orientation of attachment region 106 and non-slip region 110, though other embodiments may include different orientations. A number of additional open spaces (generally 170) may be provided in the interior rear surface 202 of upper shell piece 102 for any of a number of reasons, including providing access to rear-mounted features of a handheld electronic device such as a camera, microphone, or speaker, or to reduce the weight of the protection system 100. Upper shell piece 102 may further comprise one or more of recesses 204 configured to accommodate one or more tabs 206 to facilitate attachment and retention of lower shell piece 104 to upper shell piece 102 to provide further protection for a handheld electronic device. In the illustrated arrangement, a pair of recesses 204 are located on the rear wall portion 200 of the upper shell piece 102 and a pair of tabs 206 are located on the rear wall portion 200 of the lower shell piece 104. However, in other arrangements, the recesses 204 and tabs 206 could be located elsewhere (e.g., sidewall 150 or front wall/lip 152) and/or could be provided in different numbers. In addition, the arrangement could be reversed such that the tabs 206 are provided on the upper shell piece 102 and the recesses 204 are provided on the lower shell piece 104.

[0048] One embodiment of the exterior rear surface 302 of upper shell piece 102 is pictured in FIG. 3. The attachment region 106 as viewed from the rear of upper shell piece 102 is preferably disposed above or outwardly of the plane defined by at least a portion of the exterior rear surface 302, which can be a peripheral portion. In a preferred embodiment, the attachment region 106 has an opening 160 defined by a plurality of equally spaced radial lobes or tabs 162 designed to correspond with the tabs 912 of an interlocking member 902, more clearly viewed in FIGS. 9A and 9B. Mounting member 108 attaches to the exterior rear surface 302 side of the rear wall portion 200 of the upper shell piece 102 of protection system 100 preferably via an interlocking attachment. Once inserted, the tabs 912 of the interlocking member 902 may then rotate until further rotation is prevented by the interlocking surface 116, as seen in FIG. 2. After rotation, the tabs of interlocking member 902 will preferably be

located adjacent to the interior side of interlocking surface 126 and against the edge of interlocking surface 116, forming an interlocking connection which preferably attaches mounting member 108 to the upper shell piece 102 of protection system 100.

[0049] Preferably, non-slip region 110 will also be disposed above the plane defined by exterior rear surface 302, as seen in FIG. 3. In the illustrated arrangement, when inserted, the non-slip member 112 will protrude outwardly as far as or further than any other rearward surface portion of the protection system 100 such that the non-slip member 112 will contact a surface upon which the protection system 100 is placed (assuming the surface is relatively flat or otherwise appropriately shaped) to accomplish a non-slip function. Therefore, when non-slip member 112 is disposed within non-slip region 110, the non-slip surface will extend beyond at least the plane of exterior rear surface 302 to grip a surface and provide a non-slip feature.

[0050] A perspective view of a preferred embodiment of upper shell piece 102 is pictured in FIG. 4. In this view, the different surfaces of attachment region 106 are more clearly visible. As described above with respect to FIG. 2, interlocking surface 116 is disposed towards the interior rear surface 202 of upper shell piece 102 relative to the interlocking surface 126, while interlocking surface 126 is disposed “below” the plane defined by interlocking surface 116, or towards the outer rear surface of upper shell piece 102. As is more clearly seen in FIG. 4, the interlocking surface 116 is circumferentially offset from the access opening 166 to provide the space 164 in which an interlocking member 902 may be inserted and then turned to form an attachment with upper shell piece 102. The rotation of the interlocking member 902 within attachment region 106 forms an interlocking connection with the upper shell piece 102. This interlocking connection is defined by the tabs 912 of the interlocking member 902 passing without obstruction into the defined areas (e.g., access openings 166) of attachment region 106 and then rotating against the interior surface of interlocking surface 126 until the tabs of interlocking member 902 are prevented from further rotation by encountering the interlocking surface 116. After rotation, the interior-facing surfaces of the interlocking member 902 and the interlocking surface 116 preferably will be substantially within the same plane.

[0051] FIG. 4 also more clearly depicts a preferred embodiment of the non-slip region 110 and openings 120 and 130. The smaller opening 120 is disposed within the larger opening 130. A small lip or ridge 180 is formed by the overlap of the two openings because the larger opening 130 is disposed towards the interior rear surface 202 of upper shell piece 102. Preferably, this lip or ridge 180 is disposed beneath the plane of the interior rear surface 202. The flexible non-slip member 112, such as that described in greater detail below with regard to FIGS. 8A-C, may be disposed within the non-slip region 110. An interior portion of the non-slip member 112 preferably has a greater diameter than the smaller opening 120 but also has a diameter sized to fit within larger opening 130. When inserted into the non-slip region 110, the larger diameter of the interior surface prevents the non-slip member 112 from falling out of the non-slip region 110. The smaller diameter of opening 120 will substantially prevent the non-slip member 112 from falling out of the non-slip region 110. The opening 120 defined by the non-slip region 110 will therefore allow a portion of the non-slip member 112 to contact a surface. The inclusion of the non-slip member 112 into protection system 100 provides non-slip properties and benefits to the protection system 100, such as preventing a handheld electronic device within the protection system from sliding off a smooth surface such as a desk or counter. The non-slip member 112 can include a peripheral recess 182 that is configured to receive the lip 180 to more securely hold the non-slip member 112 within the opening 120.

[0052] Lower shell piece 104 is shown in FIG. 5. In a preferred embodiment, lower shell piece 104 comprises an interior surface and side surfaces that surround the lower sides of a handheld electronic device to provide additional protection. Lower shell piece 104 preferably joins with upper shell piece 102 to provide protection around the sides and back of a handheld electronic device. The lower shell piece 104 can contain one or more openings to allow access to controls and ports on the handheld electronic device, such as a headphone jack or microphone jack. Furthermore, lower shell piece 104 also preferably contains an opening 190 to allow access to the charging area and/or microphone and speakers on the handheld electronic device such that the handheld electronic device does not need to be removed from protection system 102 in order to charge the device. FIG. 5 depicts only a preferred embodiment of the invention and other openings not shown may be included.

[0053] FIG. 6 illustrates a cross section of upper shell piece 102 and mounting member 108. In this figure, mounting member 108 is affixed to upper shell piece 102 in a preferred embodiment. As shown in this figure, the mounting member 108 is affixed to the rear surface of upper shell piece 102 within attachment region 106. Mounting member 108 extends out from the rear surface 302 of upper shell piece 102 such that protection system 100 may be mounted on a solid surface without being flush against the solid surface. The mounting member 108 depicted in the preferred embodiment is composed of two mounting pieces (e.g., mounting bases 904) joined together, along with an interlocking member 902. Mounting member 108 may be composed of greater or fewer mounting pieces joined together, depending on how far a user desires to mount the handheld electronic device from a solid surface. The interlocking member 902 of the mounting member 108 is joined to the interlocking member 902 preferably via a screw 906, but other forms of attachment may be used. The mounting bases 904 can be joined together by any suitable arrangement (e.g., snap-fit or mechanical fasteners) or the screw 906 could also hold the mounting bases 904 together in addition to securing the interlocking member 902 to the mounting base(s). If desired, an optional adhesive layer 908 can be provided on the rearward surface of the mounting member 108 to allow the mounting member 108 to be adhesively coupled to a desired surface.

[0054] A cross-sectional view of a preferred embodiment of protection system 100 containing non-slip member 112 is shown in FIG. 7. In the preferred embodiment shown, the non-slip surface of non-slip member 112 extends in a rearward direction at least as far and, preferably, beyond any other portion of exterior rear surface 302 of upper shell piece 102 (and lower shell piece 104) in order to provide a gripping surface to prevent a handheld electronic device from slipping on a solid surface. The non-slip member 112 also preferably contains a magnetic member, such as a rare-earth magnet 802, as further described below in regards to FIG. 8C. The magnet 802 is positioned or embedded within non-slip member 112 in order to provide a means of attaching protection system 100 to a magnetic surface without impacting the non-slip benefits provided by non-slip member 112 or scratching the surface.

[0055] One preferred embodiment of a non-slip member 112 is shown in FIGS. 8A, 8B, and 8C. The non-slip member 112 is composed of a gripping outer surface shown in FIG. 8B and an interior-facing surface, as shown in FIG. 8A. This figure depicts a generally round or cylindrical indentation 192 into which a rare-earth magnet or other magnetic material may be placed without interfering with the non-slip benefits provided by non-slip member 112.

[0056] FIG. 8B depicts the exterior-facing surface of non-slip member 112. This figure more clearly illustrates the larger diameter of the interior-facing surface of non-slip member 112 versus the exterior-facing surface. These surfaces are separated by the groove or recess 182, which interacts with the smaller opening 120 in upper shell piece 102, as discussed above with regard to FIG. 4. As discussed above, the larger diameter of the interior surface prevents the non-slip member 112 from falling out of the non-slip region 110 because of interference between the larger diameter of the interior surface of non-slip member 112 and the smaller diameter of opening 120. The exterior surface of non-slip member 112 preferably has a ridged or roughened surface features in order to provide a better gripping surface and prevent the protection system from slipping on a solid surface. The exterior surface may also comprise different logos or other surface textures as desired.

[0057] The inclusion of rare-earth magnet 802 into non-slip member 112 is shown in FIG. 8C. This figure illustrates that the rare-earth magnet is preferably inserted into the indentation 192 on the interior surface of non-slip member 112. An optional cover piece 804 preferably made of the same material as non-slip member 112 can be placed on the interior-facing side of the rare-earth magnet 802 to provide a buffer between the magnet and the handheld electronic device within protection system 100.

[0058] FIGS. 9A-C illustrate one embodiment of the different components of mounting member 108. As shown in FIG. 9A, interlocking member 902 has a plurality of engaging members 912 located preferably at 90 degree intervals around the circumference of the interlocking member 902. This surface of interlocking member 902 may also display a logo or other information.

[0059] The connecting surface of interlocking member 902 is shown in FIG. 9B. Interlocking member 902 is attached to at least one mounting base 904, shown in FIG. 9C,

preferably via a screw 906 (Figure 6) received within a boss 920 of the interlocking member 902. However, other means of attachment may be used to connect the interlocking member 902 to at least one mounting base 904. Preferably, the interlocking member 902 and the mounting base 904 include complementary interference features that locate the interlocking member 902 and mounting base 904 relative to one another in a rotational direction and inhibit or prevent the relative rotation of the interlocking member 902 and the mounting base 904. In the illustrated arrangement, the interference features include a projection 922 and a recess 924, which are generally rectangular in shape but could be other suitable shapes, as well. The projection 922 is positioned on the interlocking member 902 and the recess 924 is located on the mounting base 904; however, these positions could be reversed. The projection 922 and recess 924 locate the interlocking member 902 such that the engaging members or tabs 912 are located in a desirable position relative to corresponding projections or feet 926 on the surface of the mounting base 904 that faces the interlocking member 902. The feet 926 are circumferentially offset from the tabs 912 and contact the tabs 162 of the upper shell piece 102 to provide a stop surface to the rotation of the upper shell piece 102 at a properly aligned position relative to the mounting member 108 when assembled thereto. The illustrated arrangement includes the same number of feet 926 as tabs 912; however, a lesser number of feet 926 could also be used. The circumferential dimension of the feet 926 can be configured such that the feet 926 contact an edge of the access opening 166 to provide some amount of resistance to rotation of the upper shell piece 102 in a directing tending to remove the upper shell piece 102 from the mounting member 108 thereby inhibiting unintentional disconnection of the upper shell piece 102 from the mounting member 108. If desired, active locks could also be provided to prevent unintentional disconnection of the upper shell piece 102 from the mounting member 108.

[0060] FIG. 10 depicts one embodiment of an assembled mounting member 108 preferably comprised of two mounting bases 904 and an interlocking member 902. In other embodiments, mounting member 108 may be further comprised of additional mounting bases 904 or a spacer, not shown, between the mounting bases.

[0061] The side of interlocking member 902 shown in FIGS. 9A and 10 is inserted into the attachment region 106 formed by interlocking surfaces 116 and 126 by

aligning the tabs or engaging members 912 of interlocking member 902 with the access openings 166 in the attachment region 106, as seen in FIG. 2. Preferably rotating or twisting mounting member 108 in a clockwise direction results in the tabs or engaging members 912 of interlocking member 902 rotating behind or inside of interlocking surface 126 until further rotational movement is stopped by interaction with interlocking surface 116. This rotational movement of interlocking member 902 results in the rigid yet removable attachment of mounting member 108 to protection system 100. Similarly, rotation or twisting of interlocking member 902 in the opposite direction allows for removal of mounting member 108.

[0062] Attachment or detachment of protection system 100 from the mounting member 108 occurs either through rotation of mounting member 108 (resulting in rotation of interlocking member 902) or through rotation of the handheld electronic device within the protection system 100, as when the mounting member 108 is securely attached to another surface.

[0063] With reference to Figure 11, one accessory that may be used with protection system 100 includes a bike mount 1100. The illustrated bike mount 1100 may be mounted on or as a replacement of the top cap of a bicycle steering stem arrangement, preferably using screw 1120. In particular, the bike mount piece 1110 preferably replaces the top cap of a standard bicycle steering headset system and rests on the upper surface of the front fork steerer tube or steering stem spacer. As is known, the top cap is utilized to adjust a preload of the bearings in the bicycle steering headset system. Once the steering stem is clamped to the steerer tube, the top cap is no longer providing any function. The present bike mount 1100 can replace the standard top cap. Preferably, the mount piece 1110 is adjustable (e.g., rotatable) with respect to the bike mount attachment piece 1130. In particular, in the illustrated arrangement, the bike mount attachment piece 1130 includes an arm portion that extends from the mount piece 1110. The arm portion is rotatably coupled to the mount piece 1110 by a pivot assembly. The bike mount attachment piece 1130 may attach to the upper shell piece 102 using the interlocking mounting arrangement discussed above.

[0064] Although this application discloses certain preferred embodiments and examples, it will be understood by those skilled in the art that the present inventions extend

beyond the specifically disclosed embodiments to other alternative embodiments and/or uses of the invention and obvious modifications and equivalents thereof. Further, the various features of these inventions can be used alone, or in combination with other features of these inventions other than as expressly described above. While the disclosed embodiments are primarily directed to a protection system for a handheld electronic device, aspects of the invention may be used in connection with other types of protection systems. Thus, it is intended that the scope of the present inventions herein disclosed should not be limited by the particular disclosed embodiments described above, but should be determined only by a fair reading of the claims that follow.

WHAT IS CLAIMED IS:

1. A protection system for a handheld electronic device, comprising:

a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device;

wherein the rear wall further comprises an inner surface and an outer surface, the rear wall defining an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member;

the attachment region comprising a first open space, a first interlocking surface and a second interlocking surface, both of the first and second interlocking surfaces surrounding at least a portion of the first open space, the first and second interlocking surfaces being located behind the inner surface of the rear wall, the first interlocking surface being located substantially in a first plane and the second interlocking surface having at least a portion that extends substantially perpendicular to the first plane, and wherein the first interlocking surface is circumferentially offset from at least a portion of the second interlocking surface to provide an interlocking area;

the interlocking member comprising a plate portion having at least one engagement member that, in use, is passed through the first open space and disposed within the interlocking area to achieve an interlocked position between the interlocking member and the shell;

wherein the interlocking member further comprises at least one mounting base;

wherein the non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening;

wherein the non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell;

wherein the non-slip member further comprises an indentation within an interior surface that, in use, faces the associated handheld electronic device; and

a magnet received within the indentation of the non-slip member.

2. The system of Claim 1, wherein the shell further comprises at least one access opening that allows access to control features of the handheld electronic device.

3. The system of Claim 1, wherein the non-slip member is disposed outwardly of the outermost portion of the outer surface of the rear wall of the shell.

4. The system of Claim 1, wherein the mounting base further comprises an adhesive layer that, in use, attaches to a mounting surface via adhesion.

5. The system of Claim 1, wherein the interlocked position is achieved by rotation of the interlocking member within the attachment region.

6. A protection system for a handheld electronic device, comprising:

a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device;

wherein the rear wall further comprises an inner surface and an outer surface, the rear wall defining an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member;

wherein the attachment region comprises a first open space and a plurality of interlocking surface portions, each of the interlocking surface portions including a retaining surface and a stop surface that cooperate to provide an interlocking area;

wherein the interlocking member comprises a plurality of engaging members, each of the engaging members being configured to interact with one of the plurality of interlocking surface portions such that, in an interlocked position, each of the plurality of engaging members is disposed within one of the plurality of interlocking areas;

wherein the non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening; and

wherein the non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell.

7. The system of Claim 6, wherein the shell further comprises at least one access opening that allows access to control features of a handheld electronic device.

8. The system of Claim 6, further comprising a magnet disposed within the non-slip member.
9. The system of Claim 6, further comprising at least one mounting base attached to the interlocking member.
10. The system of Claim 9, wherein the mounting base comprises an adhesive layer that allows the mounting base to be affixed to a surface through adhesion.
11. A protection system for a handheld electronic device, comprising:
 - a shell comprising a rear wall and a side wall extending in a first direction from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device, the rear wall comprising a first surface facing in the first direction and a second surface facing in a second direction opposite the first direction;
 - wherein the rear wall comprises an opening extending through the second surface, the opening defining at least one shell interlock surface;
 - a mount having at least one mount interlock surface, wherein, in use, a portion of the mount is passed through the opening of the shell and the at least one shell interlock surface is engaged with the at least one mount interlock surface to selectively couple the shell to the mount.
12. The protection system of Claim 11, wherein the mount comprises an adhesive layer that permits the mount to be secured to a surface via adhesion.
13. The protection system of Claim 11, wherein the mount is a bike mount that, in use, is mounted to a component of a bicycle.
14. The protection system of Claim 13, wherein the bike mount comprises a cap portion that, in use, is secured to a steerer tube of the bicycle.
15. The protection system of Claim 14, further comprising an arm portion that extends between the cap portion and the at least one mount interlock surface, wherein the arm portion is rotatably adjustable relative to the cap portion.

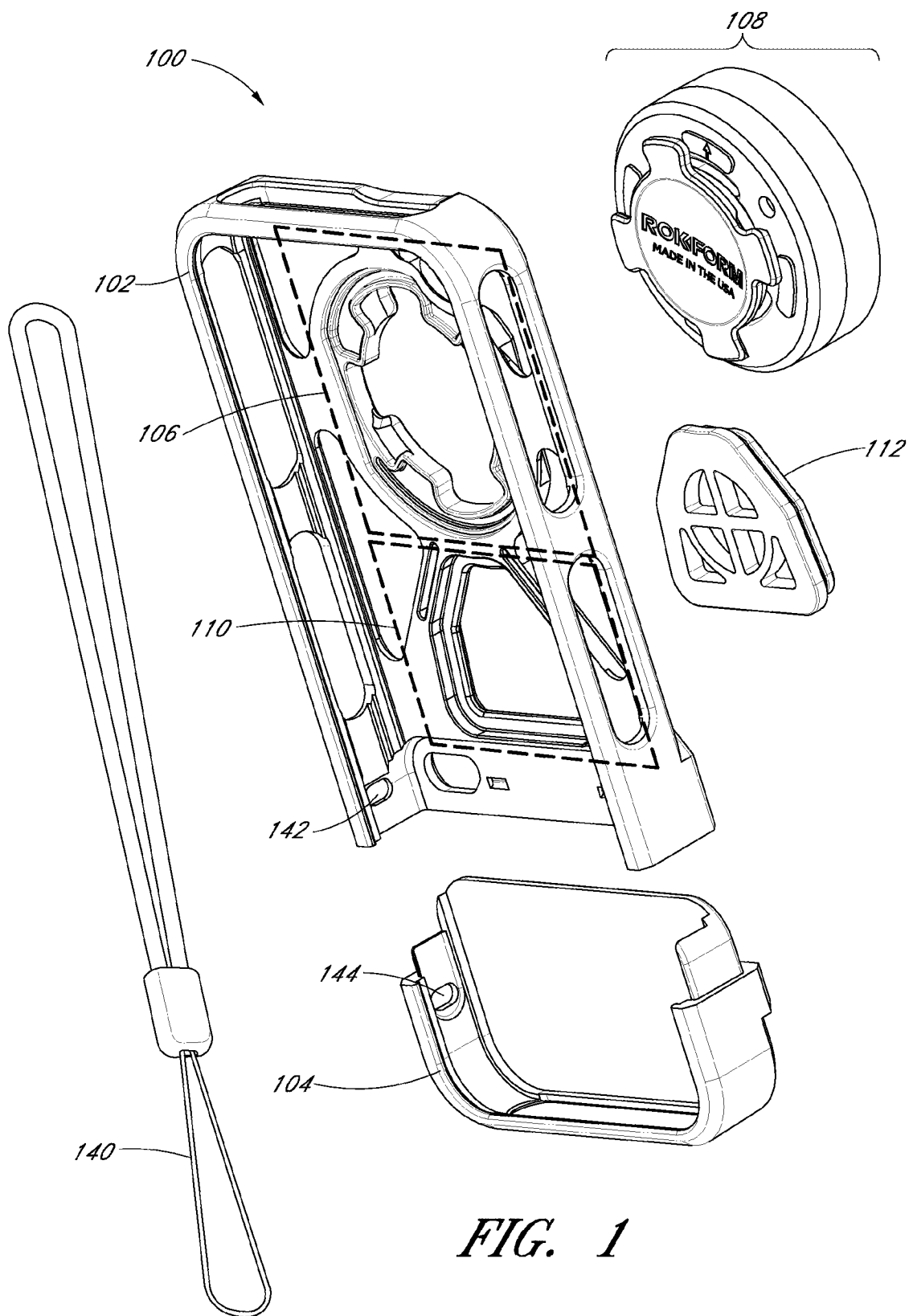


FIG. 1

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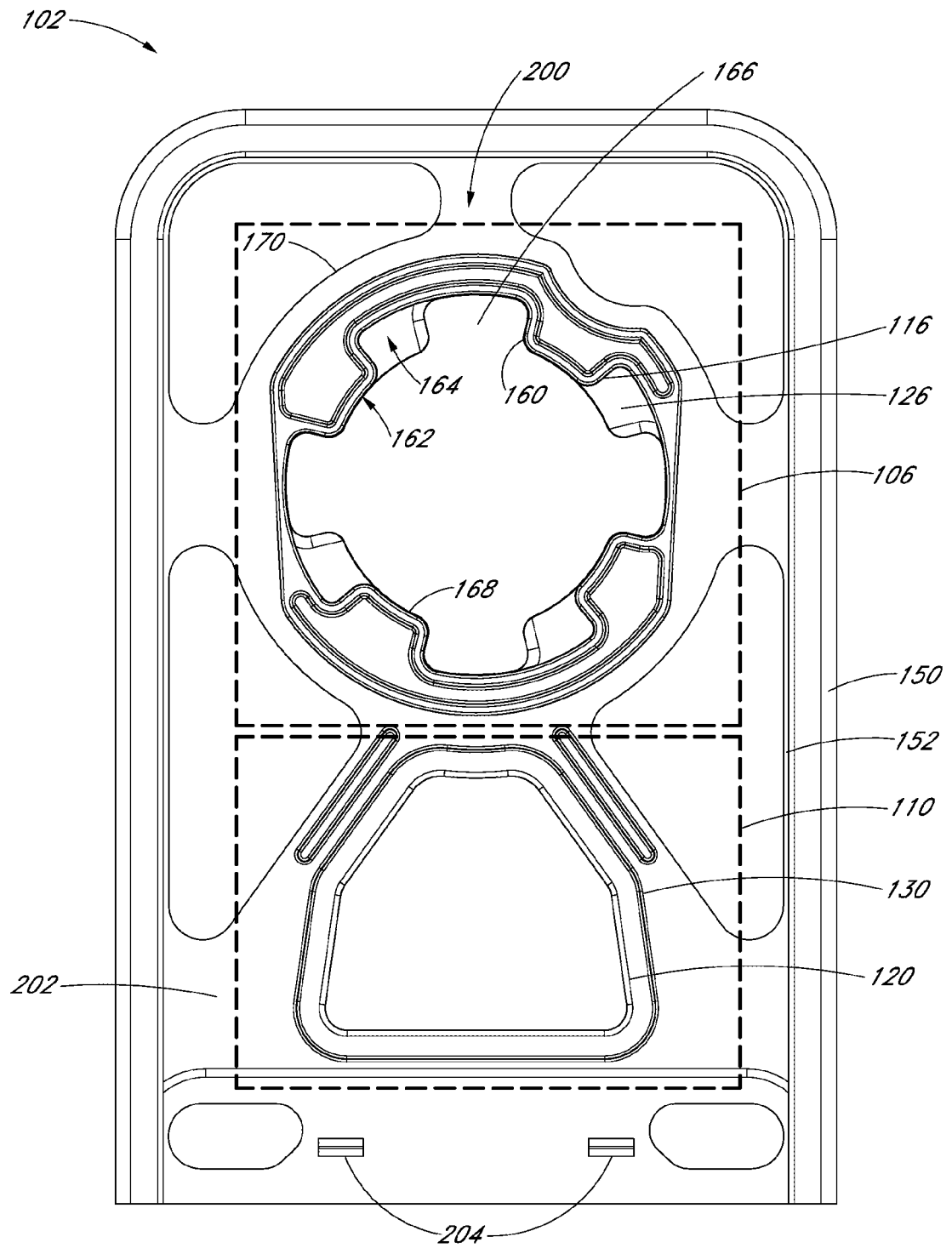


FIG. 2

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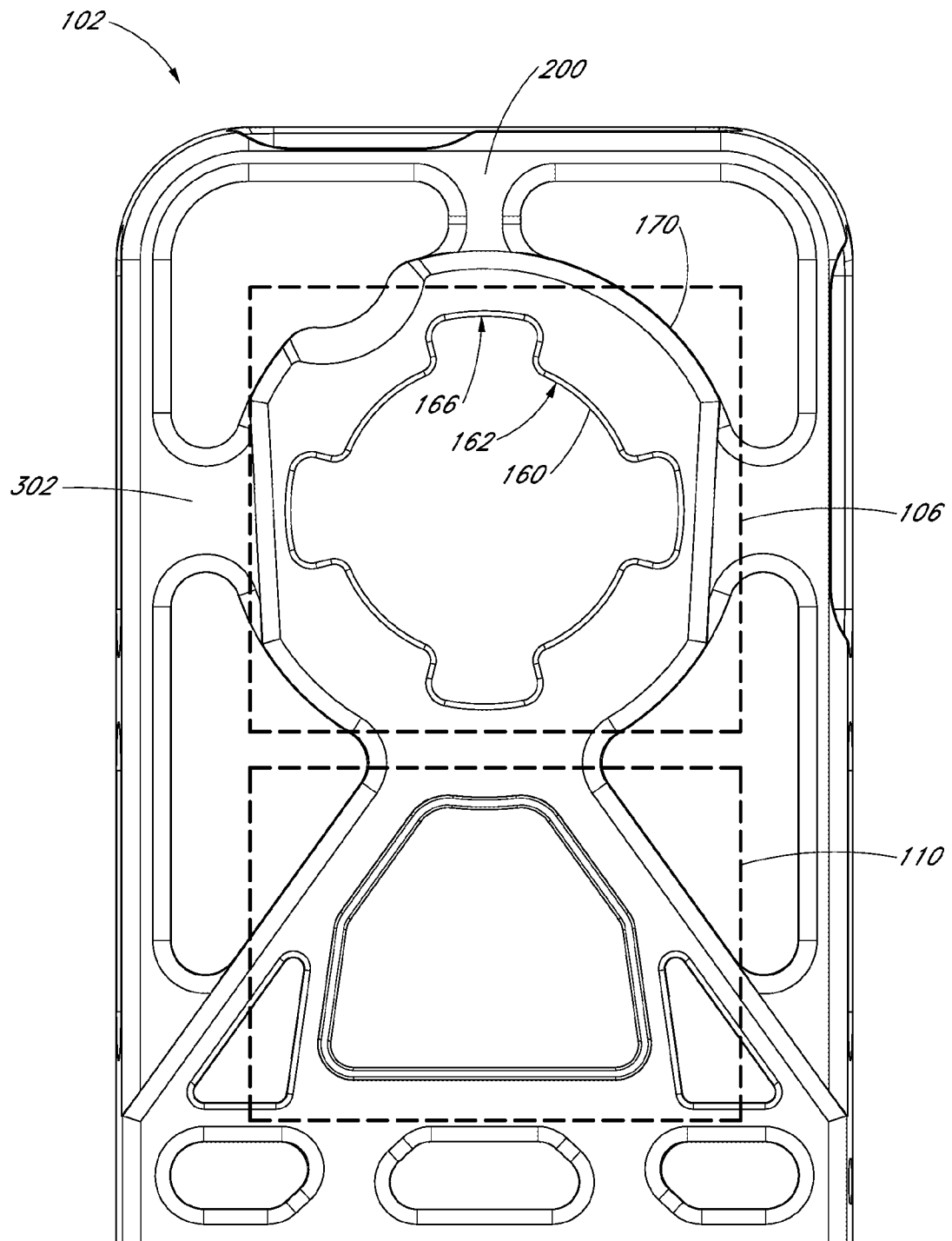


FIG. 3

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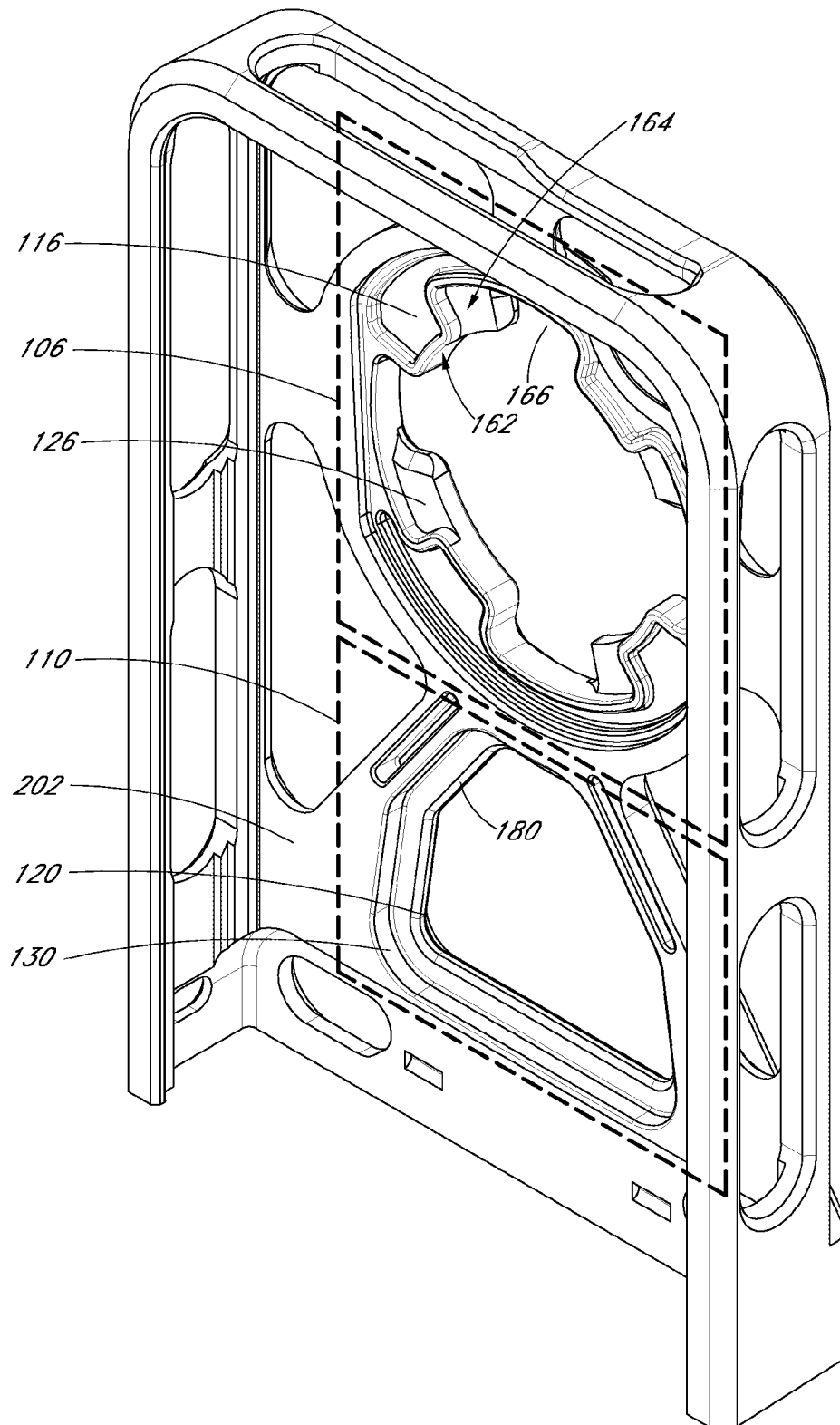
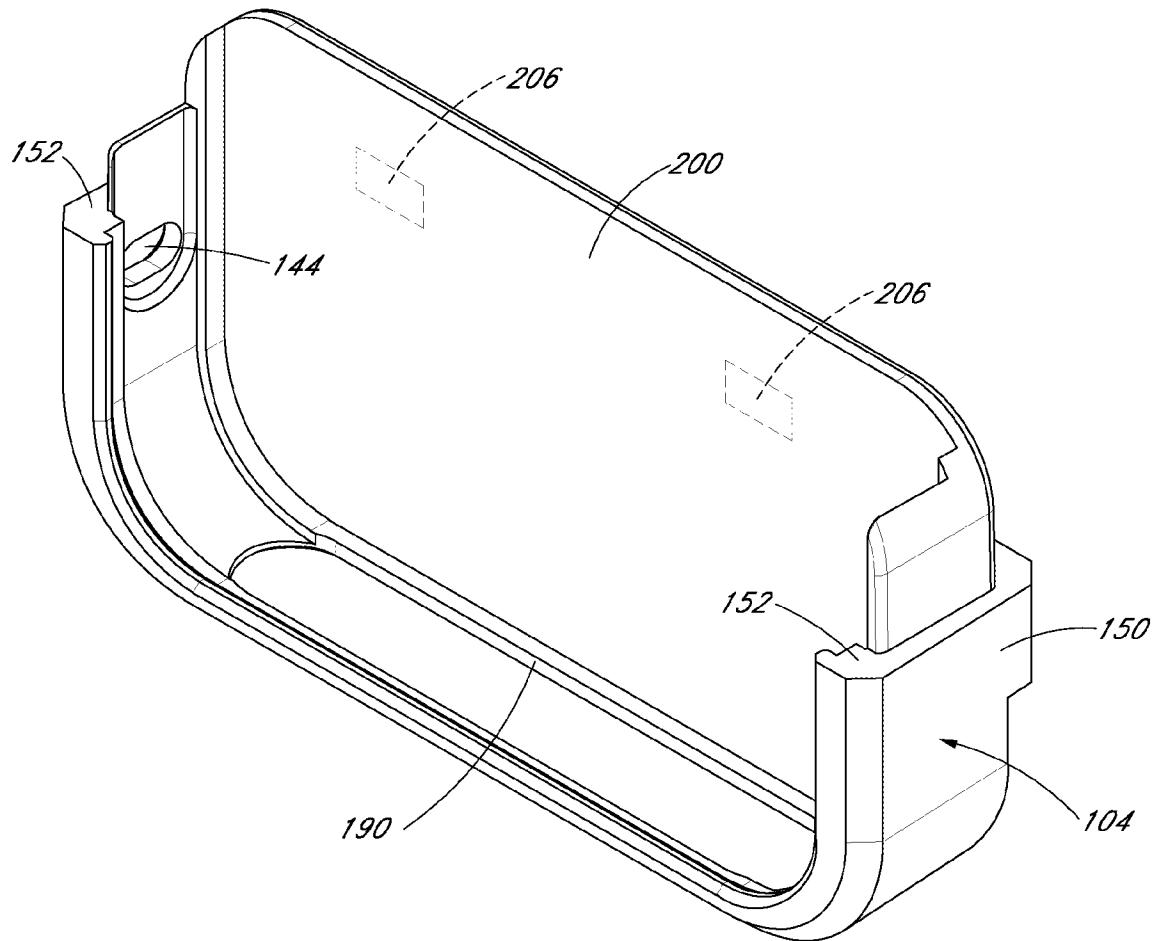


FIG. 4

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*FIG. 5*

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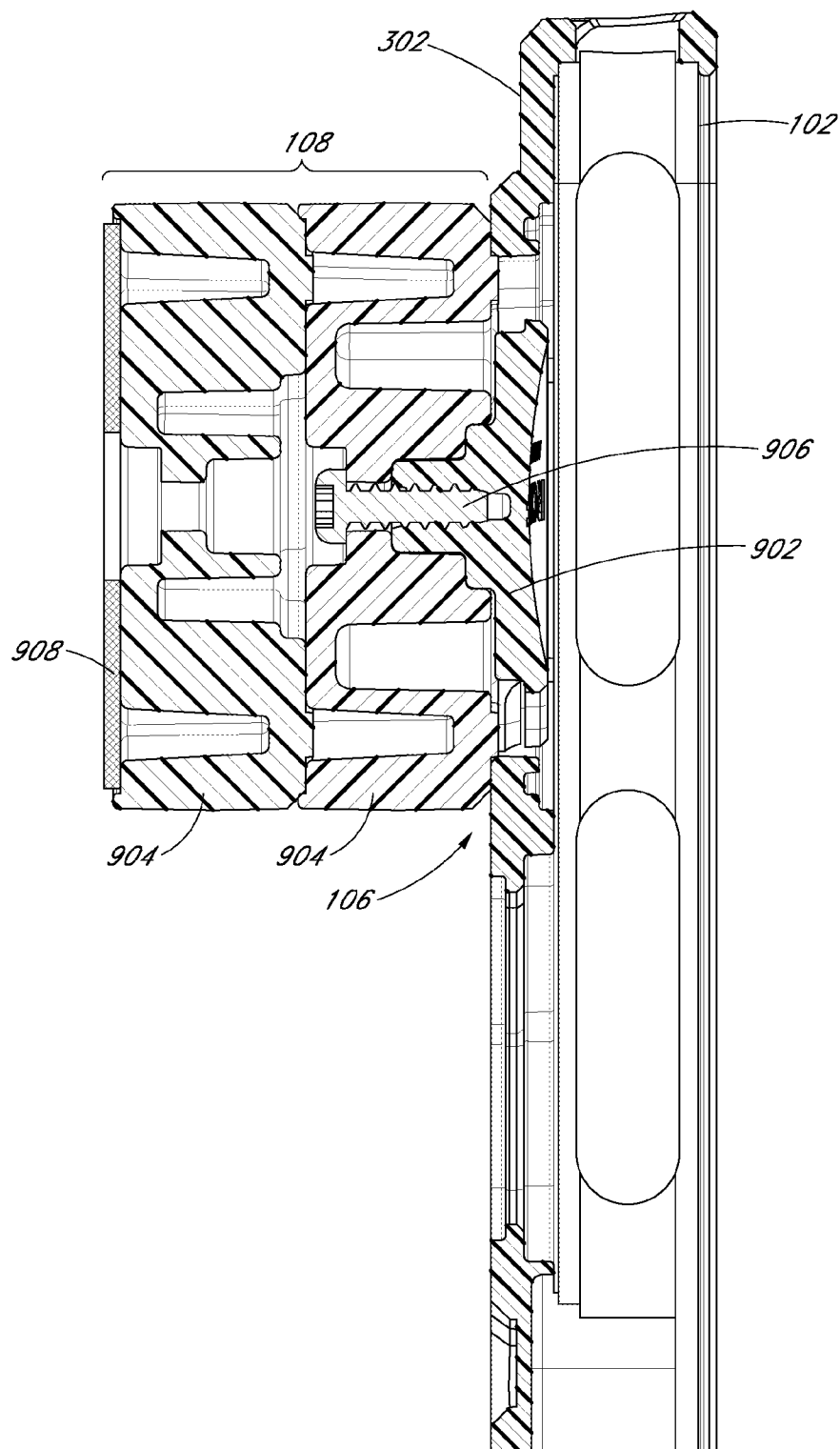


FIG. 6

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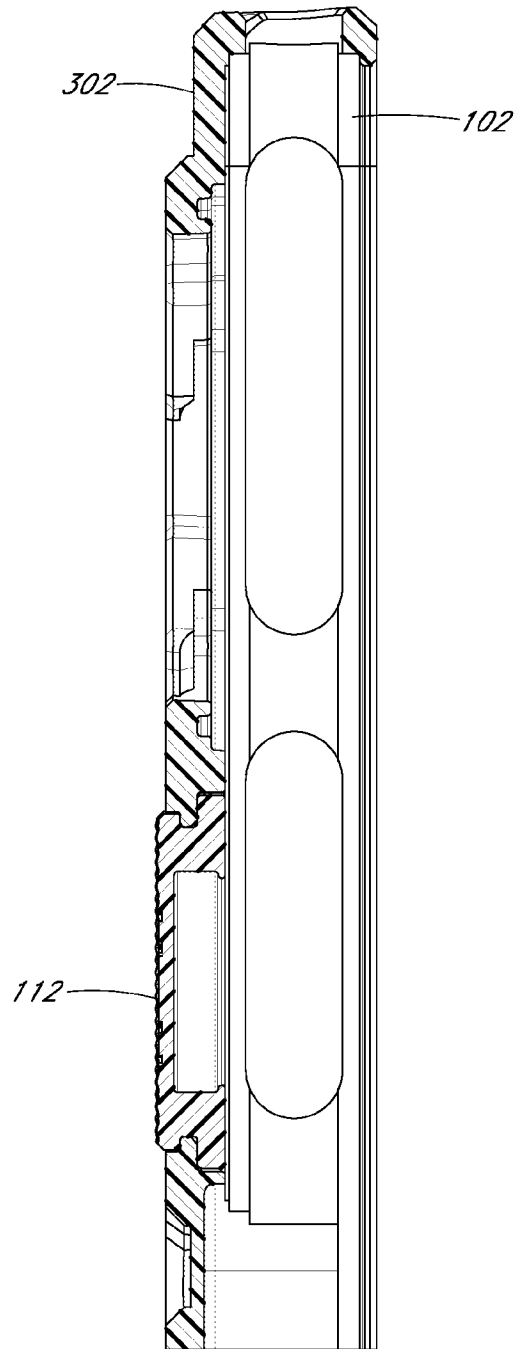


FIG. 7

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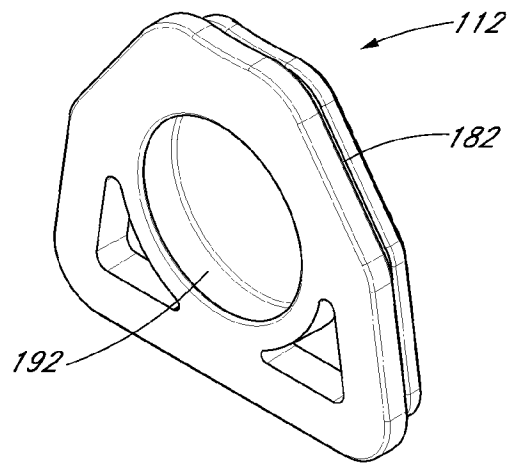


FIG. 8A

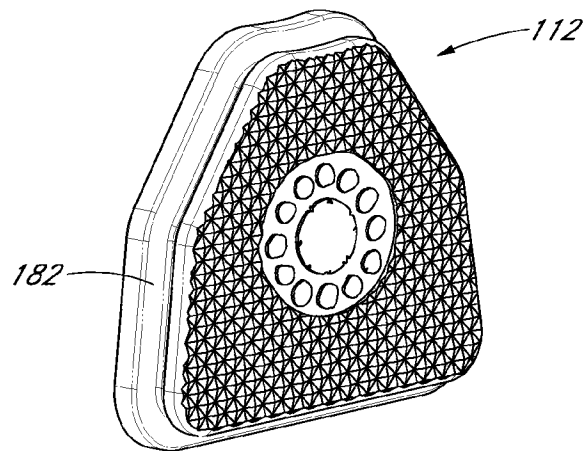


FIG. 8B

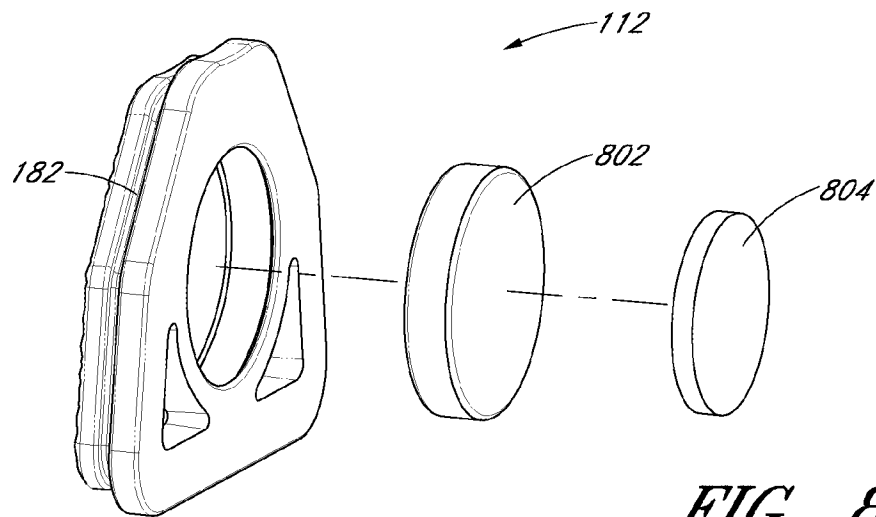


FIG. 8C

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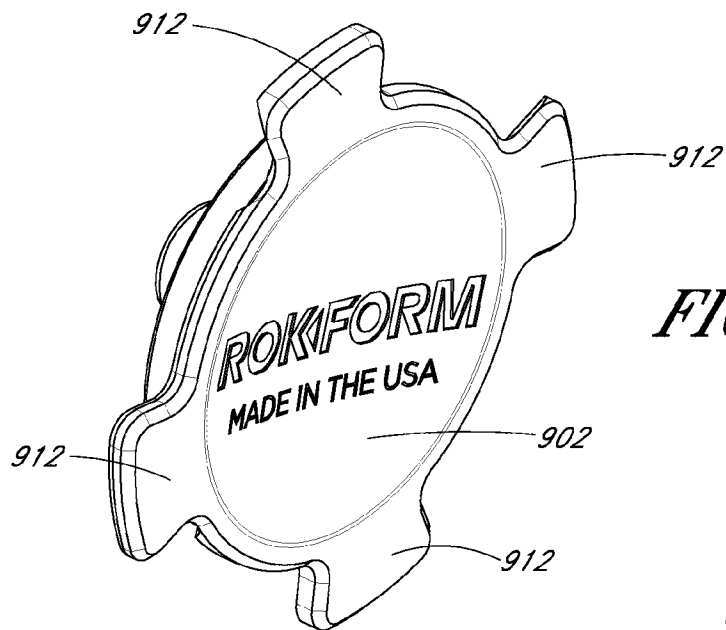


FIG. 9A

FIG. 9B

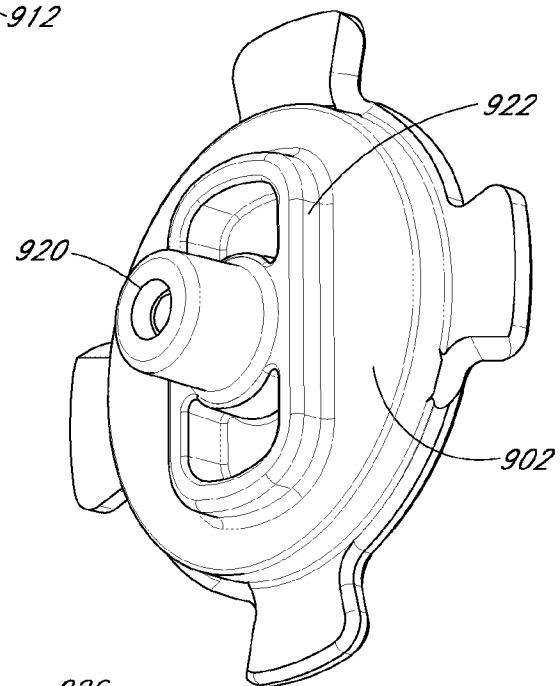
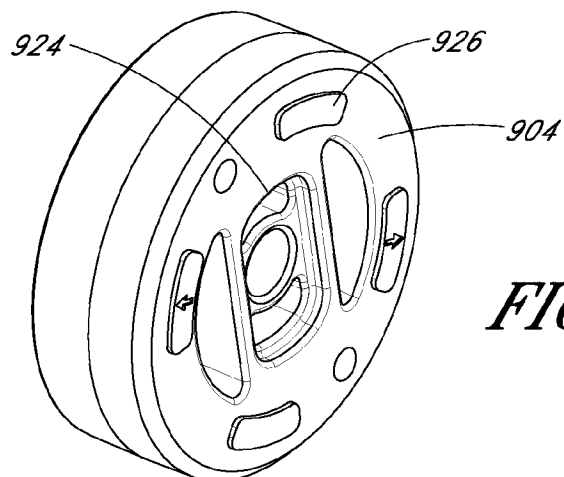


FIG. 9C

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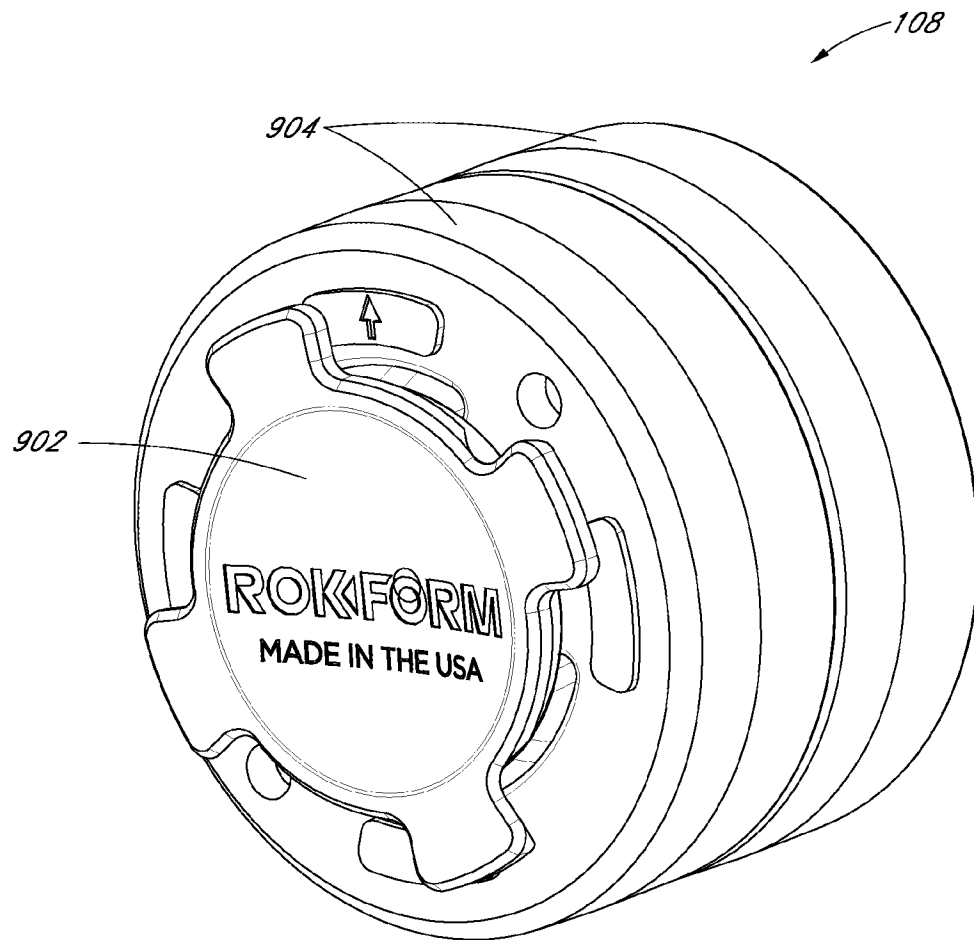
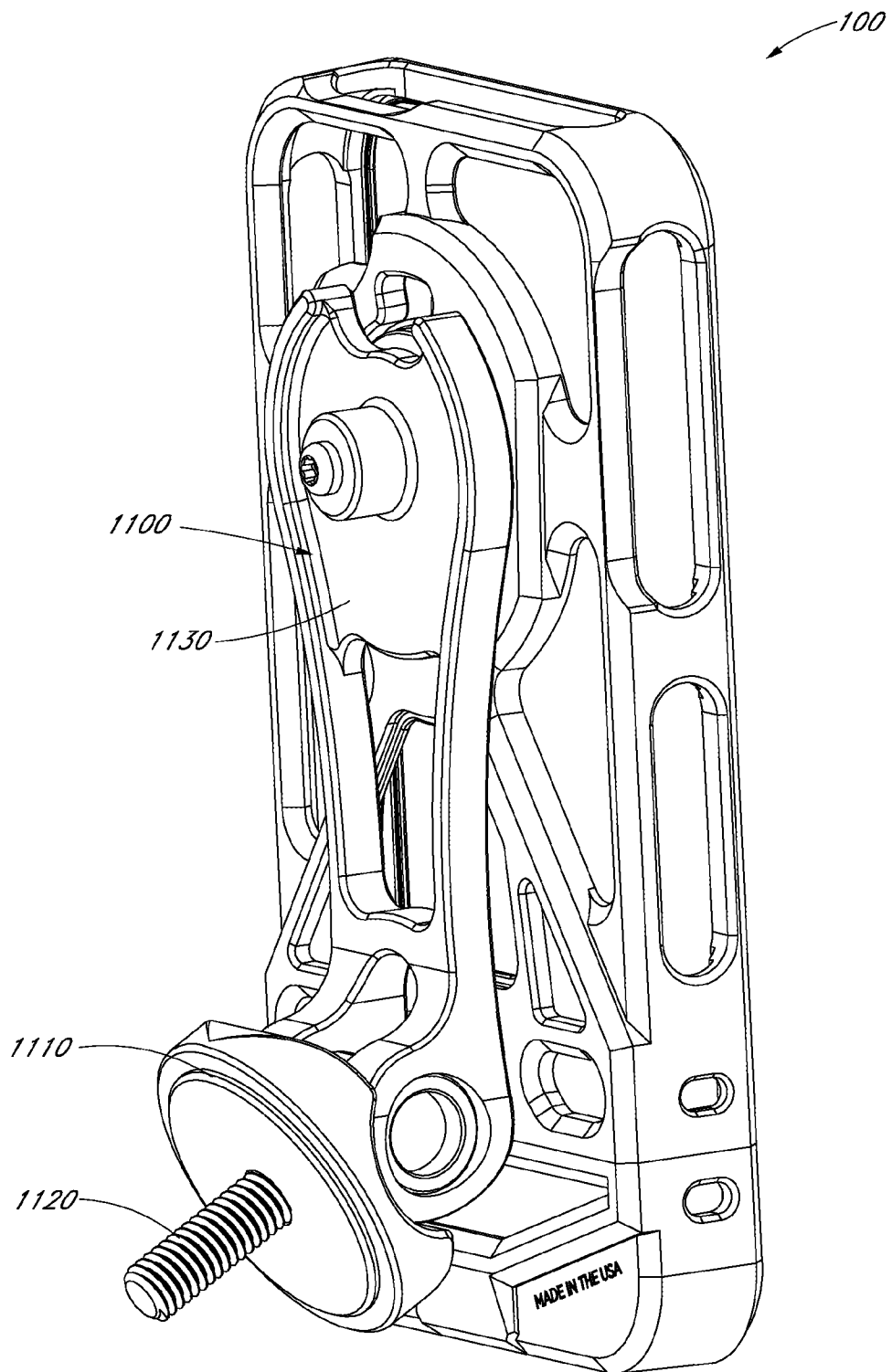


FIG. 10

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*FIG. 11*

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/021474

A. CLASSIFICATION OF SUBJECT MATTER

INV. H04B1/38 G06F1/16
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04B H04M G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011/043086 A1 (CUI YANG-YANG [CN] ET AL) 24 February 2011 (2011-02-24)	11-15
Y	the whole document	1-10
Y	US 2008/314941 A1 (KNYCH BERNARD L [US] ET AL) 25 December 2008 (2008-12-25) paragraph [0035]; figures 1c,1g,3	1-10
X	US 2002/139822 A1 (INFANTI JAMES C [CA]) 3 October 2002 (2002-10-03) abstract paragraph [0035]; figures 2,3 paragraph [0039]; figure 5 paragraph [0044] - paragraph [0047]; figure 14	1-15



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

19 March 2013

Date of mailing of the international search report

02/04/2013

Name and mailing address of the ISA/

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Authorized officer

Ayala Perriello, M

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/021474

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/204169 A1 (GORADESKY HAROLD A [US]) 14 October 2004 (2004-10-14) abstract paragraph [0027] - paragraph [0028]; figures 2,3 paragraph [0035] - paragraph [0037]; figures 7a,7b,8,9 -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2013/021474

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2011043086 A1	24-02-2011	CN 101997097 A US 2011043086 A1	30-03-2011 24-02-2011
US 2008314941 A1	25-12-2008	CA 2690996 A1 CN 201299169 Y GB 2463408 A US 2008314941 A1 WO 2009002687 A1	31-12-2008 02-09-2009 17-03-2010 25-12-2008 31-12-2008
US 2002139822 A1	03-10-2002	CA 2378553 A1 US 2002139822 A1	02-10-2002 03-10-2002
US 2004204169 A1	14-10-2004	NONE	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor: Jeff Whitten	Conf. No.: 7153
App. No.: 17/118,371	Filed: December 10, 2020
Examiner: Raven Collins	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

RESPONSE TO OFFICE ACTION DATED MARCH 25, 2022**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated March 25, 2022 in the above-referenced application, Applicant respectfully submits the following amendments and remarks for consideration:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (**Currently Amended**) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member that defines at least a portion of an exterior surface of the rear portion of the case, the flexible non-slip member comprising a non-slip material, wherein an interior surface of the flexible non-slip member defines an indentation; [[and]]

a magnet received within the indentation of the flexible non-slip member such that a rear-facing surface of the magnet is covered by the flexible non-slip member; and

wherein the non-slip region further comprises an open space defined by the case, wherein the non-slip member is shaped to fit within the open space.

17. (Previously Presented) The case of Claim 16, further comprising a cover piece adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device.

18. (Previously Presented) The case of Claim 17, wherein the cover piece is made of the same material as the flexible non-slip member.

19. (**Canceled**)

20. (**Currently Amended**) The case of Claim [[19]]16, wherein the open space of the non-slip region is at least partially defined by a flange formed by the disposition of a smaller opening within a larger opening.

21. (Previously Presented) The case of Claim 20, wherein the flexible non-slip member contains a peripheral groove that engages the flange to removably couple the flexible non-slip member to the case.

22. (Previously Presented) The case of Claim 16, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

23. (Previously Presented) The case of Claim 22, wherein the frictional gripping exterior surface of the flexible non-slip member comprises roughened surface features.

24. (Previously Presented) The case of Claim 16, wherein the magnet is a rare-earth magnet.

25. **(Currently Amended)** A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member constructed of a non-slip material, the non-slip region defining a portion of an exterior surface of the rear portion of the case having an area that is less than the entire area of the rear portion of the case such that another portion of the exterior surface of the rear portion of the case is outside of the non-slip region;

a magnet carried by the case, wherein the magnet is concealed from the exterior surface of the rear portion of the case; and

wherein the non-slip region further comprises an open space defined by the case, wherein the non-slip member is shaped to fit within the open space.

26. **(Currently Amended)** The case of Claim 25, wherein the non-slip region further comprises ~~an open space and~~ a flange formed by the disposition of a smaller opening within a larger opening.

27. **(Canceled)**

28. (Previously Presented) The case of Claim 27, wherein the flexible non-slip member contains a peripheral groove that engages the flange to removably couple the flexible non-slip member to the case.

29. (Previously Presented) The case of Claim 25, further comprising a cover piece adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device.

30. (Previously Presented) The case of Claim 29, wherein the cover piece is made of the same material as the flexible non-slip member.

31. (Previously Presented) The case of Claim 25, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

32. (Previously Presented) The case of Claim 31, wherein the frictional gripping exterior surface of the flexible non-slip member comprises roughened surface features.

33. (Previously Presented) The case of Claim 25, wherein the magnet is a rare-earth magnet.

REMARKS

In response to the Office Action dated March 25, 2022, Applicant respectfully requests the Examiner reconsider the above-captioned application in view of the foregoing amendments and the following remarks. Claims 16-33 were pending in the application. By this amendment, Claims 16, 20, 25, and 26 are amended and Claims 19 and 27 are canceled without prejudice or disclaimer. No new matter has been added. Claims 16-18, 20-26, and 28-33 are therefore pending for consideration.

Allowable Subject Matter

Applicant thanks the Examiner for indicating that Claims 19-21, 23, 26-28, and 32 would be allowable if rewritten in independent form and to include all the limitations of the base claim and any intervening claims.

Claim Rejection - 35 U.S.C. § 103

The Office Action rejected Claims 16-18, 22, 24-25, and 29-32 under 35 U.S.C. § 103 as allegedly being unpatentable over U.S. Pat. Pub. No. 2008/0023508 (“Harchol”) in view of U.S. Pat. Pub. No. 2008/0251512 (“Griffin”). The Office Action rejected Claims 24 and 33 under 35 U.S.C. § 103 as allegedly being unpatentable over Harchol in view of Griffin and further in view of U.S. Pat. Pub. No. 2011/0227735 (“Fawcett”). Applicant respectfully disagrees. Nevertheless, in an effort to expedite allowance, Applicant has amended Claims 16 and 25 as shown above.

In particular, Independent Claims 16 and 25 have been amended to include the limitations of allowable Claim 19. Claims 17-18, 20-24, 26, and 28-33 each depend directly or indirectly, from Claims 16 and 25 and are allowable for at least the same reasons, as well as for their individual patentable combinations of features. Accordingly, Applicant respectfully requests that the rejections under 35 U.S.C. § 103 be withdrawn and allowance of the claims.

No Disclaimers or Disavowals

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicant reserves the right

Application No.: 17/118,371
Filing Date: December 10, 2020

to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: June 22, 2022

By: /Curtiss C. Dosier/

Curtiss C. Dosier
Registration No. 46,670
Registered Practitioner
(949) 760-0404

INFORMATION DISCLOSURE STATEMENT

First Inventor: Whitten, Jeff	Conf. No.: 7153
App. No.: 17/118371	Filed: December 10, 2020
Examiner: Raven Collins	Art Unit: 3735
Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE	

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted. Any foreign references may also include English abstract(s) and/or machine translation(s), but no representation is made as to their accuracy.

If the Examiner would like additional information regarding these references or if anything is unclear, the Examiner is invited to contact the undersigned for assistance.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed after receipt of a First Office Action, but before the mailing date of a Final Action and before the mailing date of a Notice of Allowance.

This Statement is accompanied by the fees set forth in 37 CFR 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: June 22, 2022

By: /Curtiss C. Dosier/

Curtiss Dosier
Registration No. 46,670
Registered Practitioner
(949) 760-0404

55844736



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
06/22/2022 05:00:35 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY Mireya Ovando

PATENT CENTER # 60733977

FILING DATE 12/10/2020

CUSTOMER # 20995

FIRST NAMED
INVENTOR Jeff Whitten

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Curtiss Dosier

Documents

TOTAL DOCUMENTS: 6

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
Amendment-019C6.pdf		6	-	41 KB
Amendment-019C6-A...pdf	(1-1)	1	Amendment/Request for Reconsideration-After Non- Final Rejection	17 KB
Amendment-019C6- CLM.pdf	(2-4)	3	Claims	24 KB
Amendment-019C6- REM.pdf	(5-6)	2	Applicant Arguments/Remarks Made in an Amendment	26 KB
IDS-019C6.pdf		2	Transmittal Letter	19 KB

IDS-List-019C6.pdf	1	Information Disclosure Statement (IDS) Form (SB08)	22 KB
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Warning: This is not a USPTO supplied IDS fillable form. Data in the form cannot be automatically loaded to other USPTO systems.

WO_2013_106849_019WO.pdf	36	Foreign Reference	6010 KB
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Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
Amendment-019C6.pdf	90F18412FBD6DA44D5C748184737B9E73A62BE46BF1F7EAB6 581BB46E45DE1620D1894B01CF21A05E7F52C44670F5DCF69 2FC75482EF531D7B5C781B029BF821
Amendment-019C6-A....pdf	B292A66373E65CEF33D7FA05C6DF76F927937AEE6C400E1DF 2AAAC4D47FAAE613ABC7A8C28EFC04A4168EB32E6CD92704 D09BB91059341A478A52CA9EC3414AE
Amendment-019C6-CLM.pdf	4CE7BE37387103C4758649B9D7411F6743A0F8A220714D6A48 CB5ACE62C88D5FFCB1F5CEE25D8476E58BC56606AA040723 232216C3639A08EB554F5DB2B92BFB
Amendment-019C6-REM.pdf	446907CD6631C0D1337E2965010493FAE0D09E8C45EDD50CC CE0CC718286F4530067A3E3E032C4F8754F99008F69E6FB60B 9018532ED78A207756F63743EA316
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WO_2013_106849_019WO.pdf	DE620E83441C30D021F2F36E936BA5D78BECD2D6B30E71295

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/118,371

RECEIPT DATE / TIME
06/22/2022 05:00:35 PM ET

ATTORNEY DOCKET #
ROK.019C6

Title of Invention

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7153

FILED BY Mireya Ovando

PATENT CENTER # 60733977

AUTHORIZED BY Curtiss Dosier

CUSTOMER # 20995

FILING DATE 12/10/2020

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Jeff Whitten

Payment Information

PAYMENT METHOD
CARD / 2549

PAYMENT TRANSACTION ID
E20226LH01472333

PAYMENT AUTHORIZED BY
Aimee Kazan

PRE-AUTHORIZED ACCOUNT
111410

PRE-AUTHORIZED CATEGORY
37 CFR 1.16 (National application filing, search, and examination fees); 37
CFR 1.17 (Patent application and reexamination processing fees)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2806	SUBMISSION OF AN INFORMATION DISCLOSURE STATEMENT	130.00	1	130.00
TOTAL AMOUNT:				\$130.00

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement

Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6	7153
20995 7590 03/25/2022 KNOBBE MARTENS OLSON & BEAR LLP 2040 MAIN STREET FOURTEENTH FLOOR IRVINE, CA 92614			EXAMINER COLLINS, RAVEN	
			ART UNIT 3735	PAPER NUMBER
			NOTIFICATION DATE 03/25/2022	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

efiling@knobbe.com
jayna.cartee@knobbe.com

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.
2. This action is written in response to application number 17/118,371 filed 12/10/2020

Claim Rejections - 35 USC § 103

3. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.
4. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

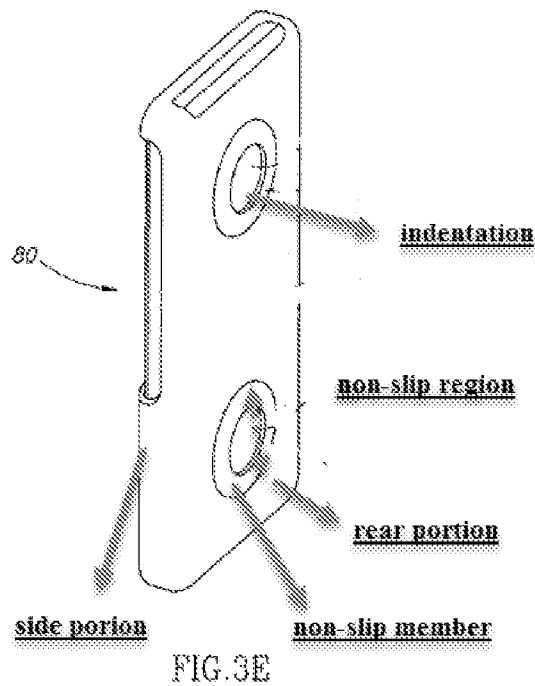
(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. The factual inquiries for establishing a background for determining obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

6. Claims 16-18, 22, 24, 25 and 29-32 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Harchol (US 2008/0023508) in view of Griffin (US 2208/0251212).

16, 25: Harchol discloses a mountable case **10** for a handheld electronic device, comprising: a case **10** configured to be selectively connectable to the handheld electronic device **12** and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use (see annotated figure 3E);



a non-slip region located on the rear portion of the case and comprising a flexible non-slip member (**fig. 3F**) that defines at least a portion of an exterior surface of the rear portion of the

Art Unit: 3735

case, the flexible non-slip member comprising a non-slip material, wherein an interior surface of the flexible non-slip member defines an indentation ([0031-0033]); and

a magnet **95** received within the indentation of the flexible non-slip member such that a rear-facing surface of the magnet is covered by the flexible non-slip member [0033].

Harchol fails to disclose a non-slip surface. Griffin teaches an electronic device cover comprising entirely of a non-slip coating ([0025]). It would have been obvious to one having ordinary skill in the art at the time of the effective filing date of the invention to modify Harchol to include the non-slip material of Griffin to assist in resisting sliding of the device as well as increasing comfortability in holding the device.

17, 29: Harchol-Griffin discloses the case of Claim 16, further comprising a cover piece 96 adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device (Harchol; fig. 3F).

18, 30: Harchol-Griffin discloses the case of Claim 17, wherein the cover piece is made of the same material as the flexible non-slip member (Harchol; [0031]).

22, 31: Harchol-Griffin discloses the case of Claim 16, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed (Harchol; [0033]).

7. Claims 24 and 33 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Harchol (US 2008/0023508) in view of Griffin (US 2008/0251212) Fawcett (US 2011/0227735).

24, 33: Harchol-Griffin discloses the magnet as applied to claim 16 but fails to disclose a rare earth magnet. Fawcett teaches the case system wherein the magnet is a rare-earth magnet ([0024]). It would have been obvious to one having ordinary skill in the art at the time of the effective filing date of the invention to modify Harchol-Griffin to include the magnet of Fawcett in order increase the magnetic force to the attaching member.

Allowable Subject Matter

8. Claims 19-21, 23, 26-28 and 32 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims.

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to RAVEN COLLINS whose telephone number is (571)270-1672. The examiner can normally be reached Monday-Friday 8:30am to 5:00pm EST.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ANTHONY STASHICK can be reached on 571-272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/RAVEN COLLINS/
Examiner, Art Unit 3735

/Anthony D Stashick/
Supervisory Patent Examiner, Art Unit 3735

<i>Notice of References Cited</i>	Application/Control No. 17/118,371		Applicant(s)/Patent Under Reexamination Whitten et al.	
	Examiner RAVEN COLLINS		Art Unit 3735	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20080023508-A1	01-2008	Harchol; Itamar	A45F5/02	224/183
*	B	US-20080251512-A1	10-2008	Griffin; Paul P.	H04B1/3888	220/4.02
*	C	US-20110227735-A1	09-2011	Fawcett; Christopher J.	G08B13/149	340/568.8
	D					
	E					
	F					
	G					
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	I					
	J					
	K					
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Search Notes</i> 	Application/Control No. 17/118,371	Applicant(s)/Patent Under Reexamination Whitten et al.
	Examiner RAVEN COLLINS	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
A45C 2011/001-003	03/16/2022	RC
B62J 7/06	03/16/2022	RC

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
206	320	03/16/2022	RC

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
cpc, class and text search	03/16/2022	RC

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/RAVEN COLLINS/ Examiner, Art Unit 3735	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
	Filing Date	Herewith
	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 1 OF 4	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	3,179,367	04-20-1965	Rapata	
	2	3,986,780	10-19-1976	Nivet	
	3	7,523,906	04-28-2009	Bennett	
	4	7,652,888	01-26-2010	Bohlinger et al.	
	5	7,685,904	03-30-2010	Cutsforth	
	6	7,930,006	04-19-2011	Neu et al.	
	7	8,167,127	05-01-2012	Martin et al.	
	8	8,172,247	05-08-2012	Weber et al.	
	9	8,267,418	09-18-2012	Chuang	
	10	8,439,239	05-14-2013	Lee, Michael F.	
	11	8,469,245	06-25-2013	Gregory et al.	
	12	8,490,789	07-23-2013	Lach et al.	
	13	8,708,151	04-29-2014	Whitten et al.	
	14	8,800,763	08-12-2014	Hale	
	15	8,830,663	09-09-2014	Child et al.	
	16	8,936,222	01-20-2015	Bastian et al.	
	17	9,185,953	11-17-2015	Whitten et al.	
	18	9,243,739	01-26-2016	Peters	
	19	9,383,774	07-05-2016	Whitten et al.	
	20	9,402,016	07-26-2016	Hidalgo	
	21	9,498,034	11-22-2016	Whitten et al.	
	22	9,592,871	03-14-2017	Whitten et al.	
	23	9,700,114	07-11-2017	Whitten et al.	
	24	10,070,707	09-11-2018	Whitten et al.	
	25	10,093,377	10-09-2018	Whitten et al.	
	26	10,112,670	10-30-2018	Whitten et al.	
	27	10,420,407	09-24-2019	Whitten et al.	
	28	D564,754	03-25-2008	Tages et al.	
	29	D606,738	12-29-2009	Hofer et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C/

Examiner Signature	/RAVEN COLLINS/	Date Considered	03/16/2022
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

T¹ - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
	Filing Date	Herewith
	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 2 OF 4	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	30	D627,771	11-23-2010	Smith et al.	
	31	D646,672	10-11-2011	Fathollahi	
	32	D647,085	10-18-2011	Chung et al.	
	33	D653,190	01-31-2012	Richter, Harald	
	34	D654,043	02-14-2012	Pan et al.	
	35	D671,932	12-04-2012	Azoulay	
	36	D685,363	07-02-2013	Murchison et al.	
	37	D685,785	07-09-2013	Seoc et al.	
	38	D687,004	07-30-2013	Behling	
	39	D697,060	01-07-2014	Yang	
	40	D711,886	08-26-2014	Kerawala et al.	
	41	D718,290	11-25-2014	Whitten et al.	
	42	D725,119	03-24-2015	Gaylord	
	43	D726,170	04-07-2015	Ng	
	44	D726,732	04-14-2015	Lay et al.	
	45	D739,857	09-29-2015	Lay et al.	
	46	2002/0139822 A1	10-03-2002	Infanti, James C.	
	47	2004/204169 A1	10-14-2004	Goradesky, Harold A.	
	48	2006/0229740	10-12-2006	Kreisel et al.	
	49	2007/0014120 A1	01-18-2007	Kitamura, Satoshi	
	50	2007/0212931 A1	09-13-2007	Livingston, Charles R.	
	51	2007/0221694 A1	09-27-2007	Aguiliar et al.	
	52	2008/0023508 A1	01-31-2008	Harchol	
	53	2008/0251512 A1	10-16-2008	Griffin et al.	
	54	2008/314941 A1	12-25-2008	Knych et al.	
	55	2010/0084527 A1	04-08-2010	Lau et al.	
	56	2011/043086 A1	02-24-2011	Cui et al.	
	57	2011/0143583 A1	06-16-2011	Zilmer et al.	
	58	2011/0227735 A1	09-22-2011	Fawcett et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C/

Examiner Signature /RAVEN COLLINS/	Date Considered 03/16/2022
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
	Filing Date	Herewith
	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 3 OF 4	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	59	2012/0298820 A1	11-29-2012	Manolidis	
	60	2013/0292270 A1	11-07-2013	Lach et al.	
	61	2013/0292296 A1	11-07-2013	Kang et al.	
	62	2014/0355200 A1	12-04-2014	Thiers	
	63	2016/0192752 A1	07-07-2016	Lach et al.	
	64	2017/0183052 A1	06-29-2017	Whitten et al.	
	65	2018/0099714 A1	04-12-2018	Whitten et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	66	DE 20 2004 017 041 U1	03-03-2005	Tsai, Shanq Ru		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹	
	67	International Search Report and Written Opinion re International Application No. PCT/US2013/021474 mailed on April 2, 2013, in 12 pages.		
	68	Bicio - GoRide – Bike Mount for iPhone 3G/3GS, http://www.bicio.com/GoRide_iphoneBikeMount.php , accessed via web archive, dated November 29, 2011.		
	69	Bicio – GoRide Product page depicting an iPhone Bike Mount and Base Mount, http://www.bicio.com/category-bike.php , accessed via web archive, dated December 8, 2011.		
	70	Bicio – GoRide iPhone Bike Mount, http://www.bicio.com/GoRide_iphoneBase.php , accessed via web archive, dated April 16, 2011.		
	71	The Wallee – Features page depicting iPad hard case and wall plate, http://thewallee.com/site/about (“features” tab), accessed via web archive, dated January 8, 2011.		
	72	The Wallee – Technical Specifications page depicting iPad hard case and wall plate, http://thewallee.com/site/about (“tech specs” tab), accessed via web archive, dated January 8, 2011.		
	73	“The Wallee Wall Mount + Hard Case System for iPad”, The Gadgeteer (July 29, 2010), available at http://the-gadgeteer.com/2010/07/29/the-wallee-wall-mount-hard-case-system-for-ipad/ .		
	74	DONOVAN, THOMAS J., Letter to counsel for Applicant, December 8, 2017		
	75	The Wallee iPad Case and Wall Mount, https://web.archive.org/web/20110108191535/http://thewallee.com/# , in 89 pages.		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C/

Examiner Signature /RAVEN COLLINS/	Date Considered 03/16/2022
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
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	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 4 OF 4	Attorney Docket No.	ROK.019C6

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	76	Welcome to iBikeMount.com – The Bike Mount Solution for iPho..., https://web.archive.org/web/20090721175904/http://www.ibikemount.com/80/index.html , in 20 pages.	
	77	DONOVAN, THOMAS J., Letter to counsel for Applicant, dated March 15, 2018, and accompanying exhibits to letter	

33969052

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C/

Examiner Signature /RAVEN COLLINS/	Date Considered 03/16/2022
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Bibliographic Data

Application No: 17/118,371

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☒ No ☐ Met After Allowance

Verified and Acknowledged: /RAVEN COLLINS/

Examiner's Signature

Initials

Title:

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC
DEVICE

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/10/2020	206	3735	ROK.019C6
RULE			

APPLICANTS

ROKFORM IP LLC, Irvine, CA,

INVENTORS

Jeff Whitten, Irvine, CA, UNITED STATES

Bernhard Leitner, Mission Viejo, CA, UNITED STATES

Craig Erion, Lemon Heights, CA, UNITED STATES

CONTINUING DATA

This application is a CON of 16149978 10/02/2018 PAT 10864956

16149978 is a CON of 15838933 12/12/2017 PAT 10093377

15838933 is a CON of 15456276 03/10/2017 PAT 10112670

15456276 is a CON of 15188751 06/21/2016 PAT 9592871

15188751 is a CON of 14260817 04/24/2014 PAT 9383774

14260817 is a CON of 13593220 08/23/2012 PAT 8708151

13593220 has PRO of 61653618 05/31/2012

13593220 has PRO of 61585933 01/12/2012

FOREIGN APPLICATIONS

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("2008251212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2022/03/16 22:19
S1	8	((("20020139822") or ("20040204169") or ("20080314941") or ("20110043086")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2013/05/23 11:37
S2	3,677	206/320	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/05/23 12:04
S3	0	("13593220").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2013/05/23 12:38
S4	0	("2008314941").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2013/05/29 19:01
S5	2	("0314941").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2013/05/29 19:01
S6	1,774,454	adhesive	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/05/30 11:47
S7	3,684	206/320	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/05/30 11:48
S8	3,684	S7	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2013/05/30 11:48

			JPO; DERWENT			
S9	685	S6 and S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/05/30 11:48
S10	33	("2002/0139822" "2004/0204169" "2008/0314941" "2011/0043086").URPN.	USPAT	OR	ON	2013/09/22 15:34
S11	1,038	206/701	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/09/22 15:53
S12	15	224/19	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/09/22 16:37
S13	813	224/197	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/09/22 16:37
S14	0	("8457701").URPN.	USPAT	OR	ON	2013/12/06 18:57
S15	972	(attachment with region) and magnet and case	USPAT	OR	ON	2013/12/06 20:17
S16	26	S15 AND ((A61M5/172 OR H01F7/0242 OR H01F7/0252 OR G06F1/1628 OR E05B65/006 OR E05C19/16).CPC.)	USPAT	OR	ON	2013/12/06 20:21
S17	2,102	455/575.8	USPAT	OR	ON	2013/12/06 21:09
S18	209,997	magnet	USPAT	OR	ON	2013/12/06 21:10
S19	96	S17 and S18	USPAT	OR	ON	2013/12/06 21:10
S20	16,142	interlocking with surface	USPAT	OR	ON	2013/12/07 21:10
S21	1,901,698	electronic device and cover	USPAT	OR	ON	2013/12/07 21:10
S22	73,505	(electronic adj device) and cover	USPAT	OR	ON	2013/12/07 21:11

S23	258	S20 and S22	USPAT	OR	ON	2013/12/07 21:11
S24	3,709	interlocking near2 surface	USPAT	OR	ON	2013/12/07 21:18
S25	65	S22 and S24	USPAT	OR	ON	2013/12/07 21:18
S26	65	((("20060279924") or ("20070139873") or ("20070297149") or ("20100008028") or ("20100104814") or ("20100147737") or ("20110073608") or ("20110226545") or ("20110228458") or ("20110228459") or ("20120018323") or ("20120074005") or ("20120118773") or ("20120211382") or ("20120261306") or ("4688580") or ("6068119") or ("6349824") or ("6646864") or ("6995976") or ("7180736") or ("7230823") or ("7312984") or ("7449650") or ("7609512") or ("7663879") or ("7889489") or ("7907394") or ("7933122") or ("D670280"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2013/12/09 17:50
S27	28,826	microns with membrane	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/09 20:40
S28	47,789	case and waterproof	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/09 20:40
S29	900	S27 and S28	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/09 20:40
S30	323,656	modulus	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/09 20:41
S31	68	S29 and S30	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/09 20:41

S32	476,097	case and mount	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/11 17:46
S33	24,415	bike	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/11 17:46
S34	2,345	S32 and S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/11 17:46
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S36	813	S34 and S35	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/11 17:47
S37	3	("2010/0078536").URPN.	USPAT	OR	ON	2013/12/11 18:04
S38	2	("2007/0014120").URPN.	USPAT	OR	ON	2013/12/11 18:43
S39	85,013	gps	USPAT	OR	ON	2013/12/11 18:56
S40	5,820	S32 and S39	USPAT	OR	ON	2013/12/11 18:56
S41	562,632	adhesive	USPAT	OR	ON	2013/12/11 18:58
S42	57	S33 and S40 and S41	USPAT	OR	ON	2013/12/11 18:58
S43	3,624	livingston.inv.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/11 19:55
S44	24	modulus and mircons and density	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/16 13:00

S45	1,070,612	membrane	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/16 13:00
S46	3	S44 and S45	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2013/12/16 13:00
S47	488	224/929	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 10:20
S48	650	224/930	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 11:12
S49	1,001,967	magnet	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 11:12
S50	48	S48 and S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 11:12
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S52	203	224/419	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 11:26
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S54	632	S51 S52 S53	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2014/03/04 11:26

			JPO; DERWENT			
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S56	107	224/428	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 11:51
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S60	978	B62J7/06	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 12:05
S61	143	B62J2099/0006	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2014/03/04 12:05
S62	0	("8608120").URPN.	USPAT	OR	ON	2014/03/04 12:27
S63	1	("D653190").URPN.	USPAT	OR	ON	2014/03/04 12:27
S64	1	("8317067").URPN.	USPAT	OR	ON	2014/03/04 12:27
S65	33	(US-20040204169-\$ or US- 20020139822-\$ or US-20110043086-\$ or US-20130098790-\$ or US- 20110253569-\$ or US-20100200456-\$ or US-20040155079-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2014/03/04 14:22

		20120211382-\$ or US-20080226846-\$ or US-20130006722-\$ or US-20100078536-\$ or US-20070014120-\$ or US-20070212931-\$ or US-20070221694-\$ or US-20080023508-\$ or US-20060175370-\$).did. or (US-8428664-\$ or US-7464814-\$ or US-8167127-\$ or US-7093742-\$ or US-D684568-\$ or US-8457701-\$ or US-8523029-\$ or US-8469245-\$ or US-8439239-\$ or US-8333310-\$ or US-8281512-\$ or US-6068119-\$ or US-7930006-\$ or US-8317067-\$ or US-D653190-\$ or US-8608120-\$).did. or (WO-2012051358-\$).did.				
S73	2	("13593220").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2014/09/05 15:21
S77	3	("8439239" "8469245" "D653190").PN.	US-PGPUB; USPAT	OR	ON	2016/05/18 11:52
S78	11	"13593220"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2017/04/20 10:49
S79	2	("3179367" "3986780").PN.	US-PGPUB; USPAT	OR	OFF	2017/12/15 14:17
S80	2	("3179367" "3986780").PN.	US-PGPUB; USPAT	OR	OFF	2017/12/27 13:59
S81	3	("20060229740" "3179367" "3986780").PN.	US-PGPUB; USPAT	OR	OFF	2018/01/19 17:18
S82	56	("20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20120298820" "20130292270" "20130292296" "20140355200" "20160192752" "3179367" "3986780" "7523906" "7652888" "7685904" "7930006" "8167127" "8172247" "8267418" "8439239" "8469245" "8708151" "8800763" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9498034" "9592871" "9700114" "D564754" "D606738" "D627771" "D646672" "D647085"	US-PGPUB; USPAT	OR	OFF	2018/02/01 13:01

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S83	1	"20130329115"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/01 19:41
S84	3	"20130181584"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/01 19:46
S85	38	("20100147737" "D479233" "D543541" "D549452" "D615536" "D616430" "D617785" "D617786" "D621822" "D626120" "D638005" "D642171" "D650376" "D651204" "D673543" "D673553" "D673941" "D674790" "D674791").PN. OR ("D684568").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/02/01 20:05
S86	1,245	non-slip same surface same flexible	US-PGPUB; USPAT; USOCR	OR	OFF	2018/02/01 20:37
S87	56	("20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20120298820" "20130292270" "20130292296" "20140355200" "20160192752" "3179367" "3986780" "7523906" "7652888" "7685904" "7930006" "8167127" "8172247" "8267418" "8439239" "8469245" "8708151" "8800763" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9498034" "9592871" "9700114" "D564754" "D606738" "D627771" "D646672" "D647085" "D653190" "D654043" "D671932" "D685363" "D685785" "D687004" "D697060" "D711886" "D718290" "D725119" "D726170" "D726732" "D739857").PN.	US-PGPUB; USPAT	OR	OFF	2018/02/08 20:10
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S89	197	non-slip same surface same magnet	US-PGPUB; USPAT; USOCR	OR	OFF	2018/02/09 09:29
S90	12	("2014/0355200").URPN.	USPAT	OR	OFF	2018/02/09 10:36
S91	1	("20130181584").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/02/09 12:27
S92	6,376	rare-earth same magnet	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/09 14:19
S93	126,675	electronic same cover	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/09 14:19
S94	108	S92 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/09 14:19
S95	205	griffin and non-slip	US-PGPUB; USPAT; USOCR	OR	OFF	2018/02/13 11:44
S96	551	224/183	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/13 13:31
S97	49,072	magnet same (cover or protector)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/13 13:32

S98	141,170	portable same case	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/13 13:37
S99	205,110	S97 adn S98	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/13 13:37
S100	1,049	S97 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/13 13:37
S101	602	electronic and S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/13 13:38
S102	1,356	700/22	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/16 14:08
S103	436	a45c2011/001.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/16 14:08
S104	485	a45c13/1069.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2018/02/16 14:10
S105	1,306	700/22	USPAT	OR	OFF	2018/07/02 10:33
S106	6,142	b60r11/00.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2018/07/06 12:05
S107	5	("8708151").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2018/07/22 10:19
S108	46	(US-20040204169-\$ or US- 20020139822-\$ or US-20110043086-\$ or US-20130098790-\$ or US- 20110253569-\$ or US-20100200456-\$ or US-20040155079-\$ or US- 20120211382-\$ or US-20080226846-\$ or US-20130006722-\$ or US- 20100078536-\$ or US-20070014120-\$ or US-20070212931-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2018/07/24 19:27

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S109	1,901	b62j11/00.cpc.	US-PGPUB; USPAT; DERWENT	OR	OFF	2018/07/24 19:29
S110	29	a45c13/1053.cpc.	US-PGPUB; USPAT; DERWENT	OR	OFF	2018/07/24 19:30
S111	4,951	h04b1/3888.cpc.	US-PGPUB; USPAT; DERWENT	OR	OFF	2018/07/24 19:40
S124	60	("10070707" "10093377" "10112670" "20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20110227735" "20120298820" "20130292270" "20130292296" "20140355200" "20160192752" "3179367" "3986780" "7523906" "7652888" "7685904" "7930006" "8167127" "8172247" "8267418" "8439239" "8469245" "8708151" "8800763" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9498034" "9592871" "9700114" "D564754" "D606738" "D627771" "D646672" "D647085" "D653190" "D654043" "D671932" "D685363" "D685785" "D687004" "D697060" "D711886" "D718290"	US-PGPUB; USPAT	OR	OFF	2018/12/12 10:07

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S128	2	((("9211969") or ("7997436"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2019/03/20 12:13
S129	60	("10070707" "20020139822" "20040204169" "20060229740" "20070014120" "20070212931" "20080023508" "20080251512" "20080314941" "20100084527" "20110043086" "20110143583" "20110227735" "20120298820" "20130292270" "20130292296" "20140355200" "20160192752" "20170183052" "20180099714" "3179367" "3986780" "7523906" "7652888" "7685904" "7930006" "8167127" "8172247" "8267418" "8439239" "8469245" "8708151" "8800763" "8830663" "8936222" "9185953" "9243739" "9383774" "9402016" "9498034" "9592871" "9700114" "D000071" "D564754" "D606738" "D627771" "D646672" "D647085" "D653190" "D654043" "D671932" "D685363" "D685785" "D687004" "D697060" "D718290" "D725119" "D726170" "D726732" "D739857").PN.	US-PGPUB; USPAT	OR	OFF	2019/03/20 14:06
S130	7	("6752299" "8662362" "8830663" "20130181584" "20080232089" "20110136555" "8078240").PN.	US-PGPUB; USPAT	OR	OFF	2019/03/20 14:39
S131	42	("3550824" "5014892" "5412545" "5850996" "6360928" "7942293" "8328055").PN. OR ("8662362").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/03/20 14:41

S132	300	collins near2 raven	US-PGPUB; USPAT; USOCR	OR	OFF	2019/03/21 08:16
S133	63	("5305381" "5898775" "7551458" "D184411" "D301883" "D320991" "D321885" "D346275" "D356798" "D360210" "D411543" "D411931" "D431250" "D528539" "D529489" "D535988" "D544487" "D545812" "D561092" "D577358" "D587695" "D597093" "D606065" "D607856" "D610579" "D618454").PN. OR ("D627771").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/03/21 17:36
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S135	2	("10093377").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2019/03/22 12:34
S136	4,741	b62j11/00.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2019/03/22 13:08
S137	4,877	a45c2011/002.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2019/03/22 13:09
S138	547	b62j9/003.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2019/03/22 13:09
S139	947	b62j2099/004.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2019/03/22 13:10
S140	1	("6109442").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2019/08/27 10:58
S141	2	((("20070221694") or ("20060229740")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2020/04/24 16:49
S142	292	speaker same magnet same mount	US-PGPUB; USPAT;	OR	OFF	2020/05/13 15:19

			FPRS; EPO; JPO			
S143	1,892	a45c13/1069.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2020/05/13 15:20
S144	7,244	b60r11/00.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2020/05/14 14:10
S145	2	("20160032606" "3860140").PN.	US-PGPUB; USPAT	OR	OFF	2020/06/24 11:59
S146	1,987	a45c13/1069.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2020/09/27 12:29
S147	4	"20160109276"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2022/03/16 10:01
S148	3	((("20160109276") or ("4412729"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2022/03/16 10:01

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S66	1,089	206/701	US-PGPUB; USPAT	OR	ON	2014/03/04 19:17
S67	4,113	206/320	US-PGPUB; USPAT	OR	ON	2014/03/04 19:17
S68	309	224/412	US-PGPUB; USPAT	OR	ON	2014/03/04 19:17
S69	488	224/929	US-PGPUB; USPAT	OR	ON	2014/03/04 19:17
S70	67,466	magnet and friction	US-PGPUB; USPAT	OR	ON	2014/03/04 19:23
S71	5,628	S66 S67 S68 S69	US-PGPUB; USPAT	OR	ON	2014/03/04 19:23
S72	53	S70 and S71	US-PGPUB; USPAT	OR	ON	2014/03/04 19:23
S74	27	b62j9/02.cpc.	US-PGPUB; USPAT	OR	ON	2015/07/10 16:36

S75	21	B62J7/02	US-PGPUB; USPAT	OR	ON	2015/07/10 17:01
S76	34	B62J7/06	US-PGPUB; USPAT	OR	ON	2015/07/10 17:01
S112	2	"Term Removed"	US-PGPUB	OR	OFF	2018/07/24 19:27
S113	479	a45c2011/001.cpc.	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:35
S114	421	a45c13/1069.cpc.	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:35
S115	0	a45c13/053.cpc.	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:35
S116	1,329	b62j11/00.cpc.	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:36
S117	3,249	h04b1/3888.cpc.	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:36
S118	1,882	b60r11/00.cpc.	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:36
S119	1,286,897	tab or projection	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:37
S120	825,454	mount	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:37
S121	7,045	S113 S114 S116 S117 S118	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:37
S122	579	S119 and S120 and S121	US-PGPUB; USPAT	OR	OFF	2018/07/31 11:37
S123	931	f16b2001/0035.cpc.	US-PGPUB; USPAT	OR	OFF	2018/08/02 14:07

3/16/2022 10:30:20 PM

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6

CONFIRMATION NO. 7153

PUBLICATION NOTICE



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20995
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Title:CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Publication No.US-2021-0188380-A1

Publication Date:06/24/2021

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
17/118,371	12/10/2020		910	ROK.019C6	18	2

CONFIRMATION NO. 7153
UPDATED FILING RECEIPT

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IRVINE, CA 92614



Date Mailed: 03/15/2021

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

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Craig Erion, Lemon Heights, CA;

Applicant(s)

ROKFORM IP LLC, Irvine, CA;

Power of Attorney: The patent practitioners associated with Customer Number 20995

Domestic Priority data as claimed by applicant

This application is a CON of 16/149,978 10/02/2018 PAT 10864956
which is a CON of 15/838,933 12/12/2017 PAT 10093377
which is a CON of 15/456,276 03/10/2017 PAT 10112670
which is a CON of 15/188,751 06/21/2016 PAT 9592871
which is a CON of 14/260,817 04/24/2014 PAT 9383774
which is a CON of 13/593,220 08/23/2012 PAT 8708151
which claims benefit of 61/585,933 01/12/2012
and claims benefit of 61/653,618 05/31/2012

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 12/17/2020

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 17/118,371**

Projected Publication Date: 06/24/2021

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor

community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 17/118,371				
APPLICATION AS FILED - PART I										
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY				
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)			
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	80		N/A				
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	350		N/A				
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	400		N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	18	minus 20 = *	x 50 =	0.00	OR					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2	minus 3 = *	x 240 =	0.00						
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00						
			TOTAL	830		TOTAL				
* If the difference in column 1 is less than zero, enter "0" in column 2.										
APPLICATION AS AMENDED - PART II										
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.										

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor : Jeff Whitten
App. No. : 17/118371
Filed : December 10, 2020
For : CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC
DEVICE
Examiner : Unassigned
Art Unit : Unassigned
Conf. No. : 7153

PRELIMINARY AMENDMENT

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Prior to examination, please amend the above-captioned application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

AMENDMENTS TO THE CLAIMS

1-15. **(Canceled)**

16. **(New)** A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member that defines at least a portion of an exterior surface of the rear portion of the case, the flexible non-slip member comprising a non-slip material, wherein an interior surface of the flexible non-slip member defines an indentation; and

a magnet received within the indentation of the flexible non-slip member such that a rear-facing surface of the magnet is covered by the flexible non-slip member.

17. **(New)** The case of Claim 16, further comprising a cover piece adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device.

18. **(New)** The case of Claim 17, wherein the cover piece is made of the same material as the flexible non-slip member.

19. **(New)** The case of Claim 16, wherein the non-slip region further comprises an open space defined by the case, wherein the flexible non-slip member is shaped to fit within the open space.

20. **(New)** The case of Claim 19, wherein the open space of the non-slip region is at least partially defined by a flange formed by the disposition of a smaller opening within a larger opening.

21. **(New)** The case of Claim 20, wherein the flexible non-slip member contains a peripheral groove that engages the flange to removably couple the flexible non-slip member to the case.

22. **(New)** The case of Claim 16, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

23. (New) The case of Claim 22, wherein the frictional gripping exterior surface of the flexible non-slip member comprises roughened surface features.

24. (New) The case of Claim 16, wherein the magnet is a rare-earth magnet.

25. (New) A mountable case for a handheld electronic device, comprising:

a case configured to be selectively connectable to the handheld electronic device and retain the electronic device within an interior space of the case in use, the case comprising a rear portion that is configured to be positioned along a rear surface of the electronic device in use and a side portion extending from the rear portion and being configured to be positioned adjacent at least a portion of a top, bottom, left and right sides of the electronic device in use;

a non-slip region located on the rear portion of the case and comprising a flexible non-slip member constructed of a non-slip material, the non-slip region defining a portion of an exterior surface of the rear portion of the case having an area that is less than the entire area of the rear portion of the case such that another portion of the exterior surface of the rear portion of the case is outside of the non-slip region;

a magnet carried by the case, wherein the magnet is concealed from the exterior surface of the rear portion of the case.

26. (New) The case of Claim 25, wherein the non-slip region further comprises an open space and a flange formed by the disposition of a smaller opening within a larger opening.

27. (New) The case of Claim 26, wherein the flexible non-slip member is shaped to fit within the open space

28. (New) The case of Claim 27, wherein the flexible non-slip member contains a peripheral groove that engages the flange to removably couple the flexible non-slip member to the case.

29. (New) The case of Claim 25, further comprising a cover piece adjacent an inner surface of the magnet that, in use, is located between the magnet and the electronic device.

30. (New) The case of Claim 29, wherein the cover piece is made of the same material as the flexible non-slip member.

31. (New) The case of Claim 25, wherein the flexible non-slip member comprises a frictional gripping exterior surface that enhances frictional engagement of the case with a surface on which the case is placed.

Application No.: 17/118371
Filing Date: December 10, 2020

32. (New) The case of Claim 31, wherein the frictional gripping exterior surface of the flexible non-slip member comprises roughened surface features.

33. (New) The case of Claim 25, wherein the magnet is a rare-earth magnet.

Application No.: 17/118371
Filing Date: December 10, 2020

REMARKS

Prior to examination on the merits, please amend the above-identified application in the manner indicated. Upon entry of this amendment, Claims 1-15 will have been canceled without prejudice, and new Claims 16-33 will have been added. Applicant submits no new matter has been added. Accordingly, Claims 16-33 are currently pending.

No Disclaimers or Disavowals

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 10, 2021

By: /Curtiss C. Dosier/

Curtiss Dosier

Registration No. 46,670

Registered Practitioner

(949) 760-0404

34574148

Electronic Patent Application Fee Transmittal				
Application Number:		17118371		
Filing Date:		10-Dec-2020		
Title of Invention:		CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		
First Named Inventor/Applicant Name:		Jeff Whitten		
Filer:		Curtiss C. Dosier/Mireya Ovando		
Attorney Docket Number:		ROK.019C6		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
UTILITY FILING FEE (ELECTRONIC FILING)	4011	1	80	80
UTILITY SEARCH FEE	2111	1	350	350
UTILITY EXAMINATION FEE	2311	1	400	400
Pages:				
Claims:				
Miscellaneous-Filing:				
LATE FILING FEE FOR OATH OR DECLARATION	2051	1	80	80
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	110	110
Miscellaneous:				
Total in USD (\$)				1020

Electronic Acknowledgement Receipt

EFS ID:	42140786
Application Number:	17118371
International Application Number:	
Confirmation Number:	7153
Title of Invention:	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE
First Named Inventor/Applicant Name:	Jeff Whitten
Customer Number:	20995
Filer:	Curtiss C. Dosier/Wendy Castorena
Filer Authorized By:	Curtiss C. Dosier
Attorney Docket Number:	ROK.019C6
Receipt Date:	10-MAR-2021
Filing Date:	10-DEC-2020
Time Stamp:	14:56:16
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$ 1020
RAM confirmation Number	E202130E56574610
Deposit Account	111410
Authorized User	Wendy Castorena

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Applicant Response to Pre-Exam Formalities Notice	MPARTS-Response.pdf	18756	no	1
			39e920557707002558ed7329b3be12b3431c4d75		
Warnings:					
Information:					
2		Preliminary_amendment.pdf	35560	yes	5
			4ff2dc9e6ae409632880016c136eb2ea16420525		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Preliminary Amendment		1	1	
	Claims		2	4	
	Applicant Arguments/Remarks Made in an Amendment		5	5	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	39132	no	2
			b1e829557ad75dd2648ec4ed628eff8691ef141f		
Warnings:					
Information:					
Total Files Size (in bytes):			93448		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

RESPONSE TO FORMALITIES NOTICE

Inventor	:	Jeff Whitten
App. No.	:	17/118371
Filed	:	December 10, 2020
For	:	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE
Art Unit	:	Unknown
Conf No.	:	7153

**Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Dear Commissioner:

The above-captioned application was filed lacking at least one item that would advance the application to examination. Enclosed in compliance with 37 CFR 1.53(f) are the following:

- (X) Response to Notice of Missing Parts.
- (X) A Preliminary Amendment in 5 pages.

The present application qualifies for small entity status under 37 CFR § 1.27.

- (X) Fees will be paid via EFS Web. Any extension of time will be requested by payment of the appropriate extension fee.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 10, 2021

By: /Curtiss C. Dosier/

Curtiss Dosier
Registration No. 46,670
Registered Practitioner
(949) 760-0404

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 17/118,371			
APPLICATION AS FILED - PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)	RATE(\$)	FEE(\$)			
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	80	N/A				
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	350	N/A				
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	400	N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	15	minus 20 = *	x 50 =	0.00					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3	minus 3 = *	x 240 =	0.00					
APPLICATION SIZE FEE (37 CFR 1.16(s)) If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00						
			0.00						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			0.00						
			TOTAL	830	TOTAL				
* If the difference in column 1 is less than zero, enter "0" in column 2.									
APPLICATION AS AMENDED - PART II									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)	RATE(\$)	ADDITIONAL FEE(\$)		
	Total (37 CFR 1.16(i))	*	Minus **	=	x =	x =	x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	x =	x =		
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)	RATE(\$)	ADDITIONAL FEE(\$)		
	Total (37 CFR 1.16(i))	*	Minus **	=	x =	x =	x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	x =	x =		
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.									



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
17/118,371	12/10/2020		0.00	ROK.019C6	15	3

CONFIRMATION NO. 7153

FILING RECEIPT

20995
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614



Date Mailed: 12/18/2020

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Jeff Whitten, Irvine, CA;
Bernhard Leitner, Mission Viejo, CA;
Craig Erion, Lemon Heights, CA;

Applicant(s)

ROKFORM IP LLC, Irvine, CA;

Power of Attorney: The patent practitioners associated with Customer Number 20995

Domestic Priority data as claimed by applicant

This application is a CON of 16/149,978 10/02/2018 PAT 10864956
which is a CON of 15/838,933 12/12/2017 PAT 10093377
which is a CON of 15/456,276 03/10/2017 PAT 10112670
which is a CON of 15/188,751 06/21/2016 PAT 9592871
which is a CON of 14/260,817 04/24/2014 PAT 9383774
which is a CON of 13/593,220 08/23/2012 PAT 8708151
which claims benefit of 61/585,933 01/12/2012
and claims benefit of 61/653,618 05/31/2012

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 12/17/2020

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 17/118,371**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor

community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
17/118,371	12/10/2020	Jeff Whitten	ROK.019C6

CONFIRMATION NO. 7153

FORMALITIES LETTER



OC000000122119415

20995
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

Date Mailed: 12/18/2020

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
- The application search fee must be submitted.
- The application examination fee must be submitted.
- Surcharge as set forth in 37 CFR 1.16(f) must be submitted.

The surcharge is due for any one of:

- late submission of the basic filing fee, search fee, or examination fee,
- late submission of inventor's oath or declaration,
- filing an application that does not contain at least one claim on filing, or
- submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required within **TWO MONTHS** from the date of this Notice to avoid abandonment is/are itemized below. Small entity discount is in effect. If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- \$ 80 basic filing fee.
- \$ 80 surcharge.
- \$ 350 search fee.
- \$ 400 examination fee.
- \$(0) previous unapplied payment amount.
- \$ 910 TOTAL FEE BALANCE DUE.

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web, including a copy of this Notice and selecting the document description "Applicant response to Pre-Exam Formalities Notice".
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/atesfaye/

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Jeff Whitten
Title	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE
Art Unit	Unknown
Examiner Name	Unassigned
Attorney Docket Number	ROK.019C6

SIGNATURE of Applicant or Patent Practitioner

Signature	/Joseph Li/	Date (Optional)	December 10, 2020
Name	Joseph Li	Registration Number	74,998
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.



*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number

Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☒ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:

20995

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☒ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

Rokform IP LLC

- ☐ Inventor or Joint Inventor (title not required below)
- ☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
- ☒ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
- ☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature

Date (Optional)

6/8/18

Name

Jeff Whitten

Title

MANAGER

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ Total of forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: 2BROS.019C1

Page 1 of 5

Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Inventors: Jeff Whitten; Bernhard Leitner; and Craig Erion

Declaration

This Declaration is directed to the application identified above that:

Was filed **April 24, 2014** as U.S. or International Application No. **14/260,817** and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **ROKFORM LLC**, with its principal place of business at 401 South Grand Avenue, Santa Ana, CA 92705 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). **61/585,933 and 61/653,618**, filed **January 12, 2012 and May 31, 2012** (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: 2BROS.019C1

Page 2 of 5

Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Inventors: Jeff Whitten; Bernhard Leitner; and Craig Erion

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: 2BROS.019C1

Page 3 of 5

Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Inventors: Jeff Whitten; Bernhard Leitner; and Craig Erion

Legal Name of inventor: Jeff WhittenIN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25th day of APRIL, 2014.

Signature: _____

*Signature before a Notary is desirable but not required.***STATE OF CALIFORNIA**COUNTY OF Orange

} ss.

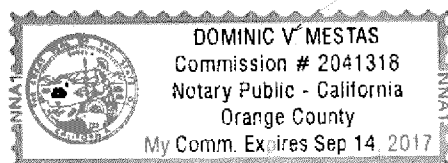
On 4-25-2014, before me, Dominic V. Mestas, notary public, personally appeared Jeff Whitten who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature _____

[SEAL]



COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: 2BROS.019C1

Page 4 of 5

Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Inventors: Jeff Whitten; Bernhard Leitner; and Craig Erion

Legal Name of inventor: Bernhard LeitnerIN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25TH day of APRIL, 2014.

Signature: _____

*Signature before a Notary is desirable but not required.***STATE OF CALIFORNIA**COUNTY OF OrangeSS. Dominic V. Mestas

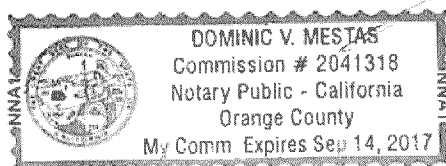
On 4/25/2014, before me, Bernhard Leitner, notary public, personally appeared Bernhard Leitner who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature _____

[SEAL]



COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: 2BROS.019C1

Page 5 of 5

Title: CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

Inventors: Jeff Whitten; Bernhard Leitner; and Craig Erion

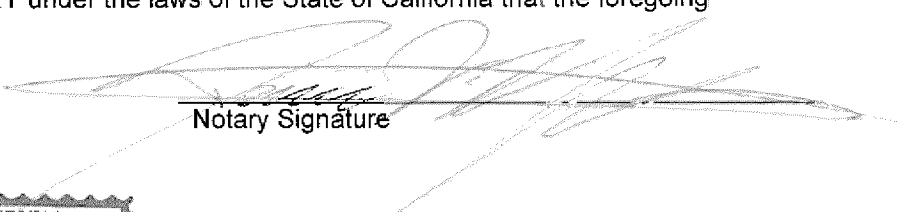
Legal Name of inventor: Craig ErionIN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25th day of APRIL, 2014.Signature: *Signature before a Notary is desirable but not required.***STATE OF CALIFORNIA**COUNTY OF Orange

ss.

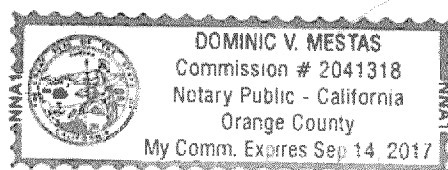
On 4-25-2014, before me, Dominic V. Mestas, notary public, personally appeared Craig Erion who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature 

[SEAL]



17861993

RESCISSION OF ANY PRIOR DISCLAIMERS AND REQUEST TO REVISIT ART

Inventor	:	Jeff Whitten
App. No.	:	Unknown
Filed	:	Herewith
For	:	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE
Examiner	:	Unassigned
Art Unit	:	Unknown
Conf. No.	:	Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

The claims of the present application are different and possibly broader in scope than the claims pursued in the parent application(s). To the extent any prior amendments or characterizations of the scope of any claim or referenced art could be construed as a disclaimer of any subject matter supported by the present disclosure, Applicant hereby rescinds and retracts such disclaimer. Accordingly, the references previously considered in the parent application(s) may need to be re-visited.

Respectfully submitted,
Knobbe, Martens, Olson & Bear, LLP

Dated: December 10, 2020

/Joseph Li/
Joseph Li
Registration No. 74,998
Attorney of Record
(949) 760-0404

33968817

INFORMATION DISCLOSURE STATEMENT

First Inventor :	Jeff Whitten
App. No. :	Unknown
Filed :	Herewith
For :	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE
Examiner :	Unassigned
Art Unit :	Unknown
Conf. No. :	Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Listed references are of record in U.S. patent application No. 16/149,978, filed October 2, 2018, which is relied upon for an earlier filing date under 35 USC 120. Copies of the references are not submitted pursuant to 37 CFR 1.98(d).

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

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Timing of Disclosure

This Information Disclosure Statement is being filed within three months of the filing date or date of national phase entry, with an RCE or before receipt of a First Office Action after an RCE, and no fee is believed to be required.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: December 10, 2020

By: /Joseph Li/

Joseph Li

Registration No. 74,998

Attorney of Record

(949) 760-0404

33969005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
	Filing Date	Herewith
	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 1 OF 4	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	3,179,367	04-20-1965	Rapata	
	2	3,986,780	10-19-1976	Nivet	
	3	7,523,906	04-28-2009	Bennett	
	4	7,652,888	01-26-2010	Bohlinger et al.	
	5	7,685,904	03-30-2010	Cutsforth	
	6	7,930,006	04-19-2011	Neu et al.	
	7	8,167,127	05-01-2012	Martin et al.	
	8	8,172,247	05-08-2012	Weber et al.	
	9	8,267,418	09-18-2012	Chuang	
	10	8,439,239	05-14-2013	Lee, Michael F.	
	11	8,469,245	06-25-2013	Gregory et al.	
	12	8,490,789	07-23-2013	Lach et al.	
	13	8,708,151	04-29-2014	Whitten et al.	
	14	8,800,763	08-12-2014	Hale	
	15	8,830,663	09-09-2014	Child et al.	
	16	8,936,222	01-20-2015	Bastian et al.	
	17	9,185,953	11-17-2015	Whitten et al.	
	18	9,243,739	01-26-2016	Peters	
	19	9,383,774	07-05-2016	Whitten et al.	
	20	9,402,016	07-26-2016	Hidalgo	
	21	9,498,034	11-22-2016	Whitten et al.	
	22	9,592,871	03-14-2017	Whitten et al.	
	23	9,700,114	07-11-2017	Whitten et al.	
	24	10,070,707	09-11-2018	Whitten et al.	
	25	10,093,377	10-09-2018	Whitten et al.	
	26	10,112,670	10-30-2018	Whitten et al.	
	27	10,420,407	09-24-2019	Whitten et al.	
	28	D564,754	03-25-2008	Tages et al.	
	29	D606,738	12-29-2009	Hofer et al.	

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T¹ - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
	Filing Date	Herewith
	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 2 OF 4	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	30	D627,771	11-23-2010	Smith et al.	
	31	D646,672	10-11-2011	Fathollahi	
	32	D647,085	10-18-2011	Chung et al.	
	33	D653,190	01-31-2012	Richter, Harald	
	34	D654,043	02-14-2012	Pan et al.	
	35	D671,932	12-04-2012	Azoulay	
	36	D685,363	07-02-2013	Murchison et al.	
	37	D685,785	07-09-2013	Seoc et al.	
	38	D687,004	07-30-2013	Behling	
	39	D697,060	01-07-2014	Yang	
	40	D711,886	08-26-2014	Kerawala et al.	
	41	D718,290	11-25-2014	Whitten et al.	
	42	D725,119	03-24-2015	Gaylord	
	43	D726,170	04-07-2015	Ng	
	44	D726,732	04-14-2015	Lay et al.	
	45	D739,857	09-29-2015	Lay et al.	
	46	2002/0139822 A1	10-03-2002	Infanti, James C.	
	47	2004/204169 A1	10-14-2004	Goradesky, Harold A.	
	48	2006/0229740	10-12-2006	Kreisel et al.	
	49	2007/0014120 A1	01-18-2007	Kitamura, Satoshi	
	50	2007/0212931 A1	09-13-2007	Livingston, Charles R.	
	51	2007/0221694 A1	09-27-2007	Aguiliar et al.	
	52	2008/0023508 A1	01-31-2008	Harchol	
	53	2008/0251512 A1	10-16-2008	Griffin et al.	
	54	2008/314941 A1	12-25-2008	Knych et al.	
	55	2010/0084527 A1	04-08-2010	Lau et al.	
	56	2011/043086 A1	02-24-2011	Cui et al.	
	57	2011/0143583 A1	06-16-2011	Zilmer et al.	
	58	2011/0227735 A1	09-22-2011	Fawcett et al.	

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T¹ - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
	Filing Date	Herewith
	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 3 OF 4	Attorney Docket No.	ROK.019C6

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	59	2012/0298820 A1	11-29-2012	Manolidis	
	60	2013/0292270 A1	11-07-2013	Lach et al.	
	61	2013/0292296 A1	11-07-2013	Kang et al.	
	62	2014/0355200 A1	12-04-2014	Thiers	
	63	2016/0192752 A1	07-07-2016	Lach et al.	
	64	2017/0183052 A1	06-29-2017	Whitten et al.	
	65	2018/0099714 A1	04-12-2018	Whitten et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document <i>Country Code-Number-Kind Code</i> Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	66	DE 20 2004 017 041 U1	03-03-2005	Tsai, Shanq Ru		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	67	International Search Report and Written Opinion re International Application No. PCT/US2013/021474 mailed on April 2, 2013, in 12 pages.	
	68	Bicio - GoRide – Bike Mount for iPhone 3G/3GS, http://www.bicio.com/GoRide_iphoneBikeMount.php , accessed via web archive, dated November 29, 2011.	
	69	Bicio – GoRide Product page depicting an iPhone Bike Mount and Base Mount, http://www.bicio.com/category-bike.php , accessed via web archive, dated December 8, 2011.	
	70	Bicio – GoRide iPhone Bike Mount, http://www.bicio.com/GoRide_iphoneBase.php , accessed via web archive, dated April 16, 2011.	
	71	The Wallee – Features page depicting iPad hard case and wall plate, http://thewallee.com/site/about ("features" tab), accessed via web archive, dated January 8, 2011.	
	72	The Wallee – Technical Specifications page depicting iPad hard case and wall plate, http://thewallee.com/site/about ("tech specs" tab), accessed via web archive, dated January 8, 2011.	
	73	"The Wallee Wall Mount + Hard Case System for iPad", The Gadgeteer (July 29, 2010), available at http://the-gadgeteer.com/2010/07/29/the-wallee-wall-mount-hard-case-system-for-ipad/ .	
	74	DONOVAN, THOMAS J., Letter to counsel for Applicant, December 8, 2017	
	75	The Wallee iPad Case and Wall Mount, https://web.archive.org/web/20110108191535/http://thewallee.com/# , in 89 pages.	

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T¹ - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	Unknown
	Filing Date	Herewith
	First Named Inventor	Jeff Whitten
	Art Unit	Unknown
(Multiple sheets used when necessary)	Examiner	Unassigned
SHEET 4 OF 4	Attorney Docket No.	ROK.019C6

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	76	Welcome to iBikeMount.com – The Bike Mount Solution for iPho..., https://web.archive.org/web/20090721175904/http://www.ibikemount.com/80/index.html , in 20 pages.	
	77	DONOVAN, THOMAS J., Letter to counsel for Applicant, dated March 15, 2018, and accompanying exhibits to letter	

33969052

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T¹ - Place a check mark in this area when an English language Translation is attached.

Electronic Acknowledgement Receipt

EFS ID:	41354855
Application Number:	17118371
International Application Number:	
Confirmation Number:	7153
Title of Invention:	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE
First Named Inventor/Applicant Name:	Jeff Whitten
Customer Number:	20995
Filer:	Joseph Li/Jim Nyenhuis
Filer Authorized By:	Joseph Li
Attorney Docket Number:	ROK.019C6
Receipt Date:	10-DEC-2020
Filing Date:	
Time Stamp:	19:17:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	ADS_ROK019C6.pdf	1256695	no	9
			0b9fe70ad8b101eb0d209042ed44a923d964df61		

Warnings:

Information:					
2		Specification_ROK019C6.pdf	139905	yes	22
			30be025444ffc2be0989e33b3dcb0e16bca88d4e		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	18	
	Claims		19	21	
	Abstract		22	22	
Warnings:					
Information:					
3	Drawings-only black and white line drawings	Drawings_ROK019C6.pdf	317493	no	11
			653fc4a075fbbfd414734e127627e35d75ed8a74		
Warnings:					
Information:					
4	Power of Attorney	Power_of_Attorney_ROK019C6.pdf	324376	no	2
			cd03f40c555437596cbfd7f3757235cce536ec0e		
Warnings:					
Information:					
5	Oath or Declaration filed	Combined_Declaration_and_Assignment_ROK019C6.pdf	954516	no	5
			7ad0c969f4b8b4bb784e5665ed59b647c56c8fde		
Warnings:					
Information:					
6	Miscellaneous Incoming Letter	Rescission_Prior_Disclaimers_ROK019C6.pdf	73120	no	1
			c31d67eac2143aa7d59e3a4a0e16cb461df7d93e		
Warnings:					
Information:					
7		IDS_ROK019C6.pdf	232553	yes	6
			ea1a8835e7b5bc4c169bab204e45c4572cc1d9da		

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Transmittal Letter	1	2
	Information Disclosure Statement (IDS) Form (SB08)	3	6
Warnings:			
Information:			
Total Files Size (in bytes):		3298658	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	ROK.019C6
		Application Number	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.</p> <p>This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

Secrecy Order 37 CFR 5.2:

☐	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor	1				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Jeff		Whitten		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					
City	Irvine	State/Province	CA	Country of Residence	US

Mailing Address of Inventor:

Address 1	16180 Scientific				
Address 2					
City	Irvine	State/Province	CA		
Postal Code	92618	Country	US		

Inventor	2				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Bernhard		Leitner		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					
City	Mission Viejo	State/Province	CA	Country of Residence	US

Mailing Address of Inventor:

Address 1	27206 Via Escorial				
Address 2					
City	Mission Viejo	State/Province	CA		
Postal Code	92691	Country	US		

Inventor	3				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Craig		Erion		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	R0K.019C6
		Application Number	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		

City	Lemon Heights	State/Province	CA	Country of Residence	US
------	---------------	----------------	----	----------------------	----

Mailing Address of Inventor:

Address 1	2075 La Cuesta Dr.				
Address 2					
City	Lemon Heights	State/Province	CA		
Postal Code	92705	Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
☐ An Address is being provided for the correspondence information of this application.			
Customer Number	20995		
Email Address	efiling@knobbe.com	Add Email	Remove Email

Application Information:

Title of the Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		
Attorney Docket Number	R0K.019C6	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	11	Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐ Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	ROK.019C6
		Application Number	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	20995		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78. When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending				Remove
Application Number	Continuity Type		Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
	Continuation of		16/149978	2018-10-02	
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16/149978	Continuation of	15/838933	2017-12-12	10093377	2018-10-09
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15/838933	Continuation of	15/456276	2017-03-10	10112670	2018-10-30
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15/456276	Continuation of	15/188751	2016-06-21	9592871	2017-03-14
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15/188751	Continuation of	14/260817	2014-04-24	9383774	2016-07-05

Application Data Sheet 37 CFR 1.76		Attorney Docket Number		ROK.019C6	
		Application Number			
Title of Invention		CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE			

Prior Application Status		Patented		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14/260817	Continuation of	13/593220	2012-08-23	8708151	2014-04-29

Prior Application Status		Expired		Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
13/593220	Claims benefit of provisional	61/585933	2012-01-12		

Prior Application Status		Expired		Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
13/593220	Claims benefit of provisional	61/653618	2012-05-31		

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.				Add	
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Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

			Remove
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the Add button.		Add
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Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

- ☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
- NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	ROK.019C6
		Application Number	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	R0K.019C6
		Application Number	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant	1	Remove
<p>If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.</p> <p style="text-align: right;">Clear</p>		
☒ Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.		Person who shows sufficient proprietary interest
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
Name of the Deceased or Legally Incapacitated Inventor: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
If the Applicant is an Organization check here. ☒		
Organization Name	R0KFORM IP LLC	
Mailing Address Information For Applicant:		
Address 1	16180 Scientific	
Address 2		
City	Irvine	State/Province
Country	US	Postal Code
Phone Number		Fax Number
Email Address		
Additional Applicant Data may be generated within this form by selecting the Add button. Add		

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	R0K.019C6
		Application Number	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
<input type="button" value="Remove"/>				
If the Assignee or Non-Applicant Assignee is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1		<input type="text"/>		
Address 2		<input type="text"/>		
City	<input type="text"/>	State/Province	<input type="text"/>	
Country ⁱ	<input type="text"/>	Postal Code	<input type="text"/>	
Phone Number	<input type="text"/>	Fax Number	<input type="text"/>	
Email Address	<input type="text"/>			
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. <input type="button" value="Add"/>				

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the **INITIAL** filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Joseph Li/		Date (YYYY-MM-DD)	2020-12-10
First Name	Joseph	Last Name	Li	Registration Number
				74,998
Additional Signature may be generated within this form by selecting the Add button. <input type="button" value="Add"/>				

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	R0K.019C6
		Application Number	
Title of Invention	CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE**INCORPORATION BY REFERENCE TO ANY PRIORITY APPLICATIONS**

[0001] The present application claims priority benefit under 35 U.S.C. § 120 to and is a continuation of U.S. Patent Application No. 16/149,978, filed October 2, 2018, entitled “CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE,” which is a continuation of U.S. Patent Application No. 15/838,933, filed December 12, 2017, entitled “CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE,” now U.S. Patent No. 10,093,377, which is a continuation of U.S. Patent Application No. 15/456,276, filed March 10, 2017, entitled “CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE,” now U.S. Patent No. 10,112,670, which is a continuation of U.S. Patent Application No. 15/188,751, filed June 21, 2016, entitled “CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE,” now U.S. Patent No. 9,592,871, which is a continuation of U.S. Patent Application No. 14/260,817, filed April 24, 2014, entitled “CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE,” now U.S. Patent No. 9,383,774, which is a continuation of U.S. Patent Application No. 13/593,220, filed August 23, 2012, entitled “CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE,” now U.S. Patent No. 8,708,151, which claims priority benefit under 35 U.S.C. § 119 from U.S. Provisional Application Nos. 61/585,933, filed January 12, 2012, entitled “PHONE CASE AND MOUNT SYSTEM” and 61/653,618, filed May 31, 2012, entitled “CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE.” The entirety of each of the above-identified applications is hereby incorporated by reference herein and made a part of the present disclosure.

BACKGROUND

Field

[0002] The invention relates generally to protective cases for handheld electronic devices.

Description of the Related Art

[0003] Handheld and/ or portable electronic devices (e.g., digital media players, phones, smartphones, tablet computers, handheld readers, and similar devices) are becoming important and common tools. These tools are constantly in use, both at home and on the go.

[0004] However, with this frequency and variety of use comes the problem of proper protection. Without proper protection, a device may become damaged due to being dropped or by falling from an unsecured position. This damage may be permanent and cause loss of data or information and high replacement costs.

SUMMARY

[0005] In at least one embodiment, the present application relates to a protective system for a handheld electronic device that overcomes the shortcomings of the prior art noted above.

[0006] In some embodiments, a protective system for a handheld electronic device is disclosed. The protection system comprises a shell comprised of a rear wall, a plurality of wall surfaces arranged to enclose a plurality of peripheral edges of a handheld electronic device, and an outer surface. The rear wall further defines an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member. The attachment region comprises a first open space, an inner interlocking surface and an outer interlocking surface, both the interlocking surfaces surrounding the first open space, the inner interlocking surface being located above the plane of the outer surface of the rear wall and wherein the inner and outer interlocking surfaces are radially offset to provide an interlocking area. The interlocking member comprises a plate having a plurality of engaging members generally located at right angles, the engaging members being configured to interact with the inner and outer interlocking surfaces such that in an interlocked position each of the engaging members is disposed within the interlocking area. The interlocking member further comprises at least one mounting base. The non-slip region

comprises a second open space and a recessed surface formed by the disposition of a small diameter opening within a larger diameter opening. The non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a circumferential groove dividing the non-slip member into a gripping surface and an interior surface, the interior surface having a greater diameter than the gripping surface, the groove in the non-slip member engaging with the recessed surface to attach the non-slip member to the shell. The non-slip member further comprises an indentation on the interior surface designed to incorporate a magnet.

[0007] 1. An embodiment involves a protection system for a handheld electronic device, including a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device. The rear wall further comprises an inner surface and an outer surface. The rear wall defines an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member. The attachment region comprises a first open space, a first interlocking surface and a second interlocking surface. Both of the first and second interlocking surfaces surrounding at least a portion of the first open space. The first and second interlocking surfaces are located behind the inner surface of the rear wall with the first interlocking surface being located substantially in a first plane and the second interlocking surface having at least a portion that extends substantially perpendicular to the first plane. The first interlocking surface is circumferentially offset from at least a portion of the second interlocking surface to provide an interlocking area. The interlocking member comprises a plate portion having at least one engagement member that, in use, is passed through the first open space and disposed within the interlocking area to achieve an interlocked position between the interlocking member and the shell. The interlocking member further comprises at least one mounting base. The non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening. The non-slip member comprises a non-slip material shaped to fit within the second open space. The non-slip member has a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell. The non-slip member further comprises an indentation within an interior surface that, in use, faces the

associated handheld electronic device. A magnet is received within the indentation of the non-slip member.

[0008] 2. The system of paragraph 1, wherein the shell further comprises at least one access opening that allows access to control features of the handheld electronic device.

[0009] 3. The system of paragraph 1, wherein the non-slip member is disposed outwardly of the outermost portion of the outer surface of the rear wall of the shell.

[0010] 4. The system of paragraph 1, wherein the mounting base further comprises an adhesive layer that, in use, attaches to a mounting surface via adhesion.

[0011] 5. The system of paragraph 1, wherein the interlocked position is achieved by rotation of the interlocking member within the attachment region.

[0012] 6. An embodiment involves a protection system for a handheld electronic device, including a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device. The rear wall further comprises an inner surface and an outer surface. The rear wall defines an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member. The attachment region comprises a first open space and a plurality of interlocking surface portions, and each of the interlocking surface portions including a retaining surface and a stop surface that cooperate to provide an interlocking area. The interlocking member comprises a plurality of engaging members, each of which are configured to interact with one of the plurality of interlocking surface portions such that, in an interlocked position, each of the plurality of engaging members is disposed within one of the plurality of interlocking areas. The non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening. The non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell.

[0013] 7. The system of paragraph 6, wherein the shell further comprises at least one access opening that allows access to control features of a handheld electronic device.

[0014] 8. The system of paragraph 6, further comprising a magnet disposed within the non-slip member.

[0015] 9. The system of paragraph 6, further comprising at least one mounting base attached to the interlocking member.

[0016] 10. The system of paragraph 9, wherein the mounting base comprises an adhesive layer that allows the mounting base to be affixed to a surface through adhesion.

[0017] 11. An embodiment involves a protection system for a handheld electronic device, which includes a shell comprising a rear wall and a side wall extending in a first direction from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device. The rear wall comprises a first surface facing in the first direction and a second surface facing in a second direction opposite the first direction. The rear wall comprises an opening extending through the second surface. The opening defines at least one shell interlock surface. The system also includes a mount having at least one mount interlock surface, wherein, in use, a portion of the mount is passed through the opening of the shell and the at least one shell interlock surface is engaged with the at least one mount interlock surface to selectively couple the shell to the mount.

[0018] 12. The protection system of paragraph 11, wherein the mount comprises an adhesive layer that permits the mount to be secured to a surface via adhesion.

[0019] 13. The protection system of paragraph 11, wherein the mount is a bike mount that, in use, is mounted to a component of a bicycle.

[0020] 14. The protection system of paragraph 13, wherein the bike mount comprises a cap portion that, in use, is secured to a steerer tube of the bicycle.

[0021] 15. The protection system of paragraph 14, further comprising an arm portion that extends between the cap portion and the at least one mount interlock surface, wherein the arm portion is rotatably adjustable relative to the cap portion.

BRIEF DESCRIPTION OF THE DRAWINGS

[0022] These and other features, aspects, and advantages of the present invention will now be described in connection with a preferred embodiment of the present invention, in reference to the accompanying drawings. The illustrated embodiments, however, are merely examples and are not intended to limit the invention.

[0023] FIG. 1 is a perspective view of an exploded assembly of protective system for a handheld electronic device according to a preferred embodiment of the invention;

[0024] FIG. 2 is a view of the interior rear surface of a shell of the protective system;

[0025] FIG. 3 is a view of the exterior rear surface of a shell of the protective system;

[0026] FIG. 4 is a perspective view of a shell of the protective system;

[0027] FIG. 5 is a perspective view of a lower shell of the protective system;

[0028] FIG. 6 is a cross sectional view of a shell of the protective system and a mounting member;

[0029] FIG. 7 is a cross sectional view of a shell of the protective system and a non-slip member;

[0030] FIG. 8A is a perspective view of a non-slip member;

[0031] FIG. 8B is a second perspective view of a non-slip member;

[0032] FIG. 8C is a perspective view of an exploded assembly of a non-slip member containing a rare-earth magnet and a magnet cover piece;

[0033] FIG. 9A is a perspective view of a first side of an interlocking member;

[0034] FIG. 9B is a second perspective view of a second side of the interlocking member;

[0035] FIG. 9C is a perspective view of a mounting base; and

[0036] FIG. 10 is a perspective view of an assembled mounting member.

[0037] FIG. 11 is perspective view of the protective system secured to a bicycle mount.

DETAILED DESCRIPTION

[0038] The following detailed description is directed to certain specific embodiments of the invention. However, the invention may be embodied in a multitude of different ways as defined and covered by the claims.

[0039] Embodiments of the invention can provide the features of a protection system for a portable or handheld electronic device (hereinafter “handheld electronic device”). Some embodiments of the invention desirably may incorporate an attachment region for attaching a removable mounting member preferably able to support the handheld electronic device within the protection system and affix to a variety of surfaces. Other

embodiments of the invention may also incorporate an anti-slip surface wherein a magnet is disposed for attachment of the device to magnetic surfaces and slip prevention.

[0040] A preferred embodiment of the present invention comprises a shell for rigidly securing and protecting a handheld electronic device. In a preferred embodiment, the shell may be in multiple pieces for ease of assembly around a handheld electronic device. The upper piece of the shell preferably provides an attachment region for a removable mounting member that can attach to various solid surfaces, such as but not limited to a desk, vehicle dashboard, mirror, etc. The shell preferably also incorporates an anti-slip insert in which a magnet is disposed, allowing for magnetic adherence to surfaces without interfering with the anti-slip benefit provided by the anti-slip insert. The shell preferably is formed using a material that is generally rigid and lightweight, such as but not limited to an injection molded polycarbonate or other suitable plastic material(s). Preferably, the shell comprises rigid sidewalls that surround an entirety or portions of the peripheral edges of the device. The sidewalls preferably are arranged to protect the device by absorbing incidental shock forces and/or inhibiting or preventing direct contact between the device and another object. The sidewalls also desirably contain various openings to allow access to the control buttons, inputs, and outputs of the handheld electronic device. The rear surface of the shell is preferably further designed with various openings to allow additional access to features of the handheld electronic device that may be located on the rear of the device (such as a camera) or to reduce the weight of the shell.

[0041] FIG. 1 depicts a preferred embodiment having certain features, aspects and advantages of the present invention. In FIG.1, protection system 100 may include more, fewer or different components than those shown. Protection system 100 includes a body or shell that, in the illustrated arrangement, is comprised of an upper shell piece 102 and lower shell piece 104. Protection system 100 is shown in two pieces to facilitate installation of the protection system 100 on a handheld electronic device. Lower shell piece 104 is designed, in one embodiment, to fit together with upper shell piece 102 preferably using an interlocking or tab / slot attachment. However, in other arrangements, the upper shell piece 102 and lower shell piece 104 could be secured together with other arrangements (e.g., mechanical fasteners, such as screws) or could be portions of a unitary or single-piece shell in which installation of the electronic device is accomplished through another method, such as by

deformation of the side walls or other portions of the shell to pass over the electronic device. Thus, references to the upper shell piece 102 or lower shell piece 104 herein are also intended to refer to the entire shell of an integrated or unitary shell arrangement.

[0042] Upper shell piece 102 preferably includes an attachment region 106 for attaching mounting member 108. The attachment region 106 contains an engagement structure that allows the upper shell piece 102 and, thus, the protection system 100 to be releasably attached the mounting member 108. A preferred engagement structure is described in greater detail below. As shown in FIG. 1 and FIGS. 9A-C, mounting member 108 may be comprised of an interlocking member 902 and at least one mounting base 904. As described further below and shown in Figure 6, the mounting member 108 can also include one or more optional spacers, which could be similar or identical to the mounting base 904. Upper shell piece 102 also preferably includes a non-slip region 110, which includes a non-slip arrangement that enhances frictional engagement of protection system 100 with a surface on which the protection system 100 may be placed. In the illustrated arrangement, the non-slip region 110 incorporates an opening or cavity in the protection system 100 (e.g., the upper shell piece 102) into which non-slip member 112 may be inserted. As depicted more clearly in FIG. 8C, non-slip member 112 may also preferably comprise a rare earth magnet 802 in order to removably attach the handheld electronic device contained within protection system 100 to a magnetic surface.

[0043] FIG. 1 further depicts a preferred embodiment of the invention further comprising a lanyard 140, which may attach to protection system 100 to facilitate easy carrying and transport of a handheld electronic device. For example, the lanyard 140 can be looped through openings 142 and 144 on the upper shell piece 102 and lower shell piece 104, respectively. Additional accessories, not shown in FIG. 1, may be used with protection system 100. For example, one accessory that may be used with protection system 100 includes a bike mount, one embodiment of which is shown in Figure 11. Another accessory that may be used with protection system 100 includes a tripod (not shown), which can support the protection system 100 and associated electronic device in a suitable position (e.g., portrait or landscape) preferably at an elevated position relative to a surface on which the tripod rest to take photographs or video. The accessory can be coupled to the protection system 100 via an interlocking arrangement the same as or similar to the mounting member

108 or via other suitable arrangements, such as the same as or similar to the lanyard 140 arrangement. In addition to the lanyard 140, bike mount and tripod, other types of accessories can also be provided, such as adjustable or non-adjustable stands, mounting or securing clip arrangements, etc.

[0044] As shown in FIGS. 1-4, the assembled upper shell piece 102 and lower shell piece 104 of the protection system 100 together define an interior region or space in which a handheld electronic device may be enclosed. Each of the upper shell piece 102 and the lower shell piece 104 has a rear wall portion 200 that defines an interior rear surface 202 positioned adjacent the back surface of an electronic device placed in the protection system 100. The upper shell piece 102 and the lower shell piece 104 also include at least one or a plurality of enclosing edges to surround the sides of a handheld electronic device and provide protection for the handheld electronic device. In the illustrated arrangement, the enclosing edges are defined by a sidewall portion 150 that extends from the rear wall portion 200. The illustrated sidewall portion 150 extends along an entire periphery of the rear wall portion 200. As described above, however, the sidewall portion 150 is not necessarily solid or continuous, but can include one or more openings configured to allow access to controls or other components or features of the handheld electronic device, or simply to reduce weight. In alternative arrangements, the sidewall portion 150 can be constructed of one or several distinct sidewall portions, such as four corner portions, for example. A forward wall portion is spaced from the rear wall portion 200 by the sidewall portion 150. The forward wall portion defines a forward interior surface that is positioned adjacent a forward surface of the handheld electronic device placed in the protection system 100. In the illustrated arrangement, the forward wall portion is defined by a lip 152 that extends in an inward direction from the sidewall portion 150. Preferably, the lip 152 extends around the entire periphery of the rear wall portion 200. However, in other arrangements, the lip 152 can extend only around a portion of the periphery, which can be the same portion or a different portion than the portion surrounded by the sidewall portion 150. As discussed above, the upper shell piece 102 and lower shell piece 104 can be unitarily-formed. Accordingly, the sidewall portion 150 and/or lip 152 could be unitary, as well.

[0045] As more clearly illustrated in FIG. 2, upper shell piece 102 also preferably includes an attachment region 106. The illustrated attachment region 106 defines an opening

160 in the interior rear surface 202 of upper shell piece 102. As described above, attachment region 106 is configured to allow attachment of mounting member 108 through an interlocking attachment that selectively secures the shell 102 to the mounting member 108 and inhibits or prevents removal in at least one direction. As pictured, attachment region 106 comprises at least one tab 162, each of which preferably defines two interlocking surfaces, 116 and 126. In the illustrated arrangement, the attachment region 106 includes four tabs 162; however, other numbers of tabs 162 could also be provided, such as two, three, five, six or more tabs 162. Interlocking surface 116 is disposed towards the interior rear surface 202 of upper shell piece 102, while interlocking surface 126 is disposed within a different plane than that defined by interlocking surface 116. Preferably, the interlocking surface 116 is perpendicular or substantially perpendicular to the interlocking surface 126. Preferably, the interlocking surface 116 is perpendicular or substantially perpendicular to the interior rear surface 202. The plane of interlocking surface 126 preferably is offset or disposed “below” the plane defined by the interior rear surface 202 or towards the outer rear surface of upper shell piece 102. In addition, preferably, the interlocking surface 116 is offset from at least a portion of the interlocking surface 126 in a circumferential direction to provide a space 164 in which a portion (e.g., tab 912) of the interlocking member 902 may be inserted. The opening 160 preferably also includes at least one access space 166 located beside or circumferentially offset from the at least one tab 162. Preferably, the number of access spaces 166 corresponds to the number of tabs 162. In the illustrated arrangement, four access spaces 166 are provided; however, the number of access spaces 166 can vary in the same manner as the number of tabs 162. Each of the tabs 912 of the interlocking member 902 can be inserted through one of the access spaces 166 and then turned to enter the space 164 and rest against the interlocking surfaces 116 and 126 to form an attachment with upper shell piece 102. Preferably, the access opening 166 is located on an opposite side of the interlocking surface 126 from the interlocking surface 116. In the illustrated arrangement, a circumferential dimension of the access opening 166 is smaller than a circumferential dimension of the tab 162 and can be approximately one-half of the circumferential dimension of the tab 162. The circumferential dimension of the space 164 is less than the circumferential dimension of the tab 162 and can be approximately one-half of the circumferential dimension of the tab 162. In the illustrated arrangement, the interlocking

surface 116 is defined by a rib 168 that extends at least partially, and preferably entirely, around the opening 160. Preferably, the opening 160 passes completely through the upper shell piece 102 such that the surface of the associated electronic device is exposed through the opening 160. Such an arrangement advantageously minimizes the overall thickness of the protection system 100, while still providing the desired interlocking mount functionality. In an alternative arrangement, however, a rear wall portion can be provided to define a closed internal end of the opening 160, such that the rear wall portion is positioned in between the interlocking mount and the associated electronic device. Such an arrangement may increase the overall thickness of the protection system 100, but can also provide increased protection to the associated electronic device.

[0046] The interior rear surface 202 preferably also includes a non-slip region 110 within which a non-slip arrangement can be provided. For example, a non-slip member 112 may be inserted within the non-slip region 110 of the protective device 100. As shown, non-slip region 110 is comprised of a smaller opening 120 disposed within a larger opening 130. In the illustrated arrangement, the smaller opening 120 extends completely through the rear wall portion 200 and the larger opening 130 extends partially through the rear wall portion 200 from the interior rear surface 202. The recessed surface formed by the disposition of smaller opening 120 within larger opening 130 forms an interference surface to retain non-slip member 112 within the non-slip region 110. FIG. 2 shows one orientation of attachment region 106 and non-slip region 110, though other embodiments may include different orientations. A number of additional open spaces (generally 170) may be provided in the interior rear surface 202 of upper shell piece 102 for any of a number of reasons, including providing access to rear-mounted features of a handheld electronic device such as a camera, microphone, or speaker, or to reduce the weight of the protection system 100. Upper shell piece 102 may further comprise one or more of recesses 204 configured to accommodate one or more tabs 206 to facilitate attachment and retention of lower shell piece 104 to upper shell piece 102 to provide further protection for a handheld electronic device. In the illustrated arrangement, a pair of recesses 204 are located on the rear wall portion 200 of the upper shell piece 102 and a pair of tabs 206 are located on the rear wall portion 200 of the lower shell piece 104. However, in other arrangements, the recesses 204 and tabs 206 could be located elsewhere (e.g., sidewall 150 or front wall/lip 152) and/or could be provided

in different numbers. In addition, the arrangement could be reversed such that the tabs 206 are provided on the upper shell piece 102 and the recesses 204 are provided on the lower shell piece 104.

[0047] One embodiment of the exterior rear surface 302 of upper shell piece 102 is pictured in FIG. 3. The attachment region 106 as viewed from the rear of upper shell piece 102 is preferably disposed above or outwardly of the plane defined by at least a portion of the exterior rear surface 302, which can be a peripheral portion. In a preferred embodiment, the attachment region 106 has an opening 160 defined by a plurality of equally spaced radial lobes or tabs 162 designed to correspond with the tabs 912 of an interlocking member 902, more clearly viewed in FIGS. 9A and 9B. Mounting member 108 attaches to the exterior rear surface 302 side of the rear wall portion 200 of the upper shell piece 102 of protection system 100 preferably via an interlocking attachment. Once inserted, the tabs 912 of the interlocking member 902 may then rotate until further rotation is prevented by the interlocking surface 116, as seen in FIG. 2. After rotation, the tabs of interlocking member 902 will preferably be located adjacent to the interior side of interlocking surface 126 and against the edge of interlocking surface 116, forming an interlocking connection which preferably attaches mounting member 108 to the upper shell piece 102 of protection system 100.

[0048] Preferably, non-slip region 110 will also be disposed above the plane defined by exterior rear surface 302, as seen in FIG. 3. In the illustrated arrangement, when inserted, the non-slip member 112 will protrude outwardly as far as or further than any other rearward surface portion of the protection system 100 such that the non-slip member 112 will contact a surface upon which the protection system 100 is placed (assuming the surface is relatively flat or otherwise appropriately shaped) to accomplish a non-slip function. Therefore, when non-slip member 112 is disposed within non-slip region 110, the non-slip surface will extend beyond at least the plane of exterior rear surface 302 to grip a surface and provide a non-slip feature.

[0049] A perspective view of a preferred embodiment of upper shell piece 102 is pictured in FIG. 4. In this view, the different surfaces of attachment region 106 are more clearly visible. As described above with respect to FIG. 2, interlocking surface 116 is disposed towards the interior rear surface 202 of upper shell piece 102 relative to the

interlocking surface 126, while interlocking surface 126 is disposed “below” the plane defined by interlocking surface 116, or towards the outer rear surface of upper shell piece 102. As is more clearly seen in FIG. 4, the interlocking surface 116 is circumferentially offset from the access opening 166 to provide the space 164 in which an interlocking member 902 may be inserted and then turned to form an attachment with upper shell piece 102. The rotation of the interlocking member 902 within attachment region 106 forms an interlocking connection with the upper shell piece 102. This interlocking connection is defined by the tabs 912 of the interlocking member 902 passing without obstruction into the defined areas (e.g., access openings 166) of attachment region 106 and then rotating against the interior surface of interlocking surface 126 until the tabs of interlocking member 902 are prevented from further rotation by encountering the interlocking surface 116. After rotation, the interior-facing surfaces of the interlocking member 902 and the interlocking surface 116 preferably will be substantially within the same plane.

[0050] FIG. 4 also more clearly depicts a preferred embodiment of the non-slip region 110 and openings 120 and 130. The smaller opening 120 is disposed within the larger opening 130. A small lip or ridge 180 is formed by the overlap of the two openings because the larger opening 130 is disposed towards the interior rear surface 202 of upper shell piece 102. Preferably, this lip or ridge 180 is disposed beneath the plane of the interior rear surface 202. The flexible non-slip member 112, such as that described in greater detail below with regard to FIGS. 8A-C, may be disposed within the non-slip region 110. An interior portion of the non-slip member 112 preferably has a greater diameter than the smaller opening 120 but also has a diameter sized to fit within larger opening 130. When inserted into the non-slip region 110, the larger diameter of the interior surface prevents the non-slip member 112 from falling out of the non-slip region 110. The smaller diameter of opening 120 will substantially prevent the non-slip member 112 from falling out of the non-slip region 110. The opening 120 defined by the non-slip region 110 will therefore allow a portion of the non-slip member 112 to contact a surface. The inclusion of the non-slip member 112 into protection system 100 provides non-slip properties and benefits to the protection system 100, such as preventing a handheld electronic device within the protection system from sliding off a smooth surface such as a desk or counter. The non-slip member 112 can include a

peripheral recess 182 that is configured to receive the lip 180 to more securely hold the non-slip member 112 within the opening 120.

[0051] Lower shell piece 104 is shown in FIG. 5. In a preferred embodiment, lower shell piece 104 comprises an interior surface and side surfaces that surround the lower sides of a handheld electronic device to provide additional protection. Lower shell piece 104 preferably joins with upper shell piece 102 to provide protection around the sides and back of a handheld electronic device. The lower shell piece 104 can contain one or more openings to allow access to controls and ports on the handheld electronic device, such as a headphone jack or microphone jack. Furthermore, lower shell piece 104 also preferably contains an opening 190 to allow access to the charging area and/or microphone and speakers on the handheld electronic device such that the handheld electronic device does not need to be removed from protection system 102 in order to charge the device. FIG. 5 depicts only a preferred embodiment of the invention and other openings not shown may be included.

[0052] FIG. 6 illustrates a cross section of upper shell piece 102 and mounting member 108. In this figure, mounting member 108 is affixed to upper shell piece 102 in a preferred embodiment. As shown in this figure, the mounting member 108 is affixed to the rear surface of upper shell piece 102 within attachment region 106. Mounting member 108 extends out from the rear surface 302 of upper shell piece 102 such that protection system 100 may be mounted on a solid surface without being flush against the solid surface. The mounting member 108 depicted in the preferred embodiment is composed of two mounting pieces (e.g., mounting bases 904) joined together, along with an interlocking member 902. Mounting member 108 may be composed of greater or fewer mounting pieces joined together, depending on how far a user desires to mount the handheld electronic device from a solid surface. The interlocking member 902 of the mounting member 108 is joined to the interlocking member 902 preferably via a screw 906, but other forms of attachment may be used. The mounting bases 904 can be joined together by any suitable arrangement (e.g., snap-fit or mechanical fasteners) or the screw 906 could also hold the mounting bases 904 together in addition to securing the interlocking member 902 to the mounting base(s). If desired, an optional adhesive layer 908 can be provided on the rearward surface of the mounting member 108 to allow the mounting member 108 to be adhesively coupled to a desired surface.

[0053] A cross-sectional view of a preferred embodiment of protection system 100 containing non-slip member 112 is shown in FIG. 7. In the preferred embodiment shown, the non-slip surface of non-slip member 112 extends in a rearward direction at least as far and, preferably, beyond any other portion of exterior rear surface 302 of upper shell piece 102 (and lower shell piece 104) in order to provide a gripping surface to prevent a handheld electronic device from slipping on a solid surface. The non-slip member 112 also preferably contains a magnetic member, such as a rare-earth magnet 802, as further described below in regards to FIG. 8C. The magnet 802 is positioned or embedded within non-slip member 112 in order to provide a means of attaching protection system 100 to a magnetic surface without impacting the non-slip benefits provided by non-slip member 112 or scratching the surface.

[0054] One preferred embodiment of a non-slip member 112 is shown in FIGS. 8A, 8B, and 8C. The non-slip member 112 is composed of a gripping outer surface shown in FIG. 8B and an interior-facing surface, as shown in FIG. 8A. This figure depicts a generally round or cylindrical indentation 192 into which a rare-earth magnet or other magnetic material may be placed without interfering with the non-slip benefits provided by non-slip member 112.

[0055] FIG. 8B depicts the exterior-facing surface of non-slip member 112. This figure more clearly illustrates the larger diameter of the interior-facing surface of non-slip member 112 versus the exterior-facing surface. These surfaces are separated by the groove or recess 182, which interacts with the smaller opening 120 in upper shell piece 102, as discussed above with regard to FIG. 4. As discussed above, the larger diameter of the interior surface prevents the non-slip member 112 from falling out of the non-slip region 110 because of interference between the larger diameter of the interior surface of non-slip member 112 and the smaller diameter of opening 120. The exterior surface of non-slip member 112 preferably has a ridged or roughened surface features in order to provide a better gripping surface and prevent the protection system from slipping on a solid surface. The exterior surface may also comprise different logos or other surface textures as desired.

[0056] The inclusion of rare-earth magnet 802 into non-slip member 112 is shown in FIG. 8C. This figure illustrates that the rare-earth magnet is preferably inserted into the indentation 192 on the interior surface of non-slip member 112. An optional cover

piece 804 preferably made of the same material as non-slip member 112 can be placed on the interior-facing side of the rare-earth magnet 802 to provide a buffer between the magnet and the handheld electronic device within protection system 100.

[0057] FIGS. 9A-C illustrate one embodiment of the different components of mounting member 108. As shown in FIG. 9A, interlocking member 902 has a plurality of engaging members 912 located preferably at 90 degree intervals around the circumference of the interlocking member 902. This surface of interlocking member 902 may also display a logo or other information.

[0058] The connecting surface of interlocking member 902 is shown in FIG. 9B. Interlocking member 902 is attached to at least one mounting base 904, shown in FIG. 9C, preferably via a screw 906 (Figure 6) received within a boss 920 of the interlocking member 902. However, other means of attachment may be used to connect the interlocking member 902 to at least one mounting base 904. Preferably, the interlocking member 902 and the mounting base 904 include complementary interference features that locate the interlocking member 902 and mounting base 904 relative to one another in a rotational direction and inhibit or prevent the relative rotation of the interlocking member 902 and the mounting base 904. In the illustrated arrangement, the interference features include a projection 922 and a recess 924, which are generally rectangular in shape but could be other suitable shapes, as well. The projection 922 is positioned on the interlocking member 902 and the recess 924 is located on the mounting base 904; however, these positions could be reversed. The projection 922 and recess 924 locate the interlocking member 902 such that the engaging members or tabs 912 are located in a desirable position relative to corresponding projections or feet 926 on the surface of the mounting base 904 that faces the interlocking member 902. The feet 926 are circumferentially offset from the tabs 912 and contact the tabs 162 of the upper shell piece 102 to provide a stop surface to the rotation of the upper shell piece 102 at a properly aligned position relative to the mounting member 108 when assembled thereto. The illustrated arrangement includes the same number of feet 926 as tabs 912; however, a lesser number of feet 926 could also be used. The circumferential dimension of the feet 926 can be configured such that the feet 926 contact an edge of the access opening 166 to provide some amount of resistance to rotation of the upper shell piece 102 in a directing tending to remove the upper shell piece 102 from the mounting member 108 thereby inhibiting unintentional

disconnection of the upper shell piece 102 from the mounting member 108. If desired, active locks could also be provided to prevent unintentional disconnection of the upper shell piece 102 from the mounting member 108.

[0059] FIG. 10 depicts one embodiment of an assembled mounting member 108 preferably comprised of two mounting bases 904 and an interlocking member 902. In other embodiments, mounting member 108 may be further comprised of additional mounting bases 904 or a spacer, not shown, between the mounting bases.

[0060] The side of interlocking member 902 shown in FIGS. 9A and 10 is inserted into the attachment region 106 formed by interlocking surfaces 116 and 126 by aligning the tabs or engaging members 912 of interlocking member 902 with the access openings 166 in the attachment region 106, as seen in FIG. 2. Preferably rotating or twisting mounting member 108 in a clockwise direction results in the tabs or engaging members 912 of interlocking member 902 rotating behind or inside of interlocking surface 126 until further rotational movement is stopped by interaction with interlocking surface 116. This rotational movement of interlocking member 902 results in the rigid yet removable attachment of mounting member 108 to protection system 100. Similarly, rotation or twisting of interlocking member 902 in the opposite direction allows for removal of mounting member 108.

[0061] Attachment or detachment of protection system 100 from the mounting member 108 occurs either through rotation of mounting member 108 (resulting in rotation of interlocking member 902) or through rotation of the handheld electronic device within the protection system 100, as when the mounting member 108 is securely attached to another surface.

[0062] With reference to Figure 11, one accessory that may be used with protection system 100 includes a bike mount 1100. The illustrated bike mount 1100 may be mounted on or as a replacement of the top cap of a bicycle steering stem arrangement, preferably using screw 1120. In particular, the bike mount piece 1110 preferably replaces the top cap of a standard bicycle steering headset system and rests on the upper surface of the front fork steerer tube or steering stem spacer. As is known, the top cap is utilized to adjust a preload of the bearings in the bicycle steering headset system. Once the steering stem is clamped to the steerer tube, the top cap is no longer providing any function. The present bike

mount 1100 can replace the standard top cap. Preferably, the mount piece 1110 is adjustable (e.g., rotatable) with respect to the bike mount attachment piece 1130. In particular, in the illustrated arrangement, the bike mount attachment piece 1130 includes an arm portion that extends from the mount piece 1110. The arm portion is rotatably coupled to the mount piece 1110 by a pivot assembly. The bike mount attachment piece 1130 may attach to the upper shell piece 102 using the interlocking mounting arrangement discussed above.

[0063] Although this application discloses certain preferred embodiments and examples, it will be understood by those skilled in the art that the present inventions extend beyond the specifically disclosed embodiments to other alternative embodiments and/or uses of the invention and obvious modifications and equivalents thereof. Further, the various features of these inventions can be used alone, or in combination with other features of these inventions other than as expressly described above. While the disclosed embodiments are primarily directed to a protection system for a handheld electronic device, aspects of the invention may be used in connection with other types of protection systems. Thus, it is intended that the scope of the present inventions herein disclosed should not be limited by the particular disclosed embodiments described above, but should be determined only by a fair reading of the claims that follow.

WHAT IS CLAIMED IS:

1. A protection system for a handheld electronic device, comprising:
 - a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device;
 - wherein the rear wall further comprises an inner surface and an outer surface, the rear wall defining an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member;
 - the attachment region comprising a first open space, a first interlocking surface and a second interlocking surface, both of the first and second interlocking surfaces surrounding at least a portion of the first open space, the first and second interlocking surfaces being located behind the inner surface of the rear wall, the first interlocking surface being located substantially in a first plane and the second interlocking surface having at least a portion that extends substantially perpendicular to the first plane, and wherein the first interlocking surface is circumferentially offset from at least a portion of the second interlocking surface to provide an interlocking area;
 - the interlocking member comprising a plate portion having at least one engagement member that, in use, is passed through the first open space and disposed within the interlocking area to achieve an interlocked position between the interlocking member and the shell;
 - wherein the interlocking member further comprises at least one mounting base;
 - wherein the non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening;
 - wherein the non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell;
 - wherein the non-slip member further comprises an indentation within an interior surface that, in use, faces the associated handheld electronic device; and
 - a magnet received within the indentation of the non-slip member.

2. The system of Claim 1, wherein the shell further comprises at least one access opening that allows access to control features of the handheld electronic device.

3. The system of Claim 1, wherein the non-slip member is disposed outwardly of the outermost portion of the outer surface of the rear wall of the shell.

4. The system of Claim 1, wherein the mounting base further comprises an adhesive layer that, in use, attaches to a mounting surface via adhesion.

5. The system of Claim 1, wherein the interlocked position is achieved by rotation of the interlocking member within the attachment region.

6. A protection system for a handheld electronic device, comprising:

a shell comprising a rear wall and a side wall extending from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device;

wherein the rear wall further comprises an inner surface and an outer surface, the rear wall defining an attachment region designed to receive an interlocking member and a non-slip region designed to receive a non-slip member;

wherein the attachment region comprises a first open space and a plurality of interlocking surface portions, each of the interlocking surface portions including a retaining surface and a stop surface that cooperate to provide an interlocking area;

wherein the interlocking member comprises a plurality of engaging members, each of the engaging members being configured to interact with one of the plurality of interlocking surface portions such that, in an interlocked position, each of the plurality of engaging members is disposed within one of the plurality of interlocking areas;

wherein the non-slip region comprises a second open space and a recessed surface formed by the disposition of a smaller opening within a larger opening; and

wherein the non-slip member comprises a non-slip material shaped to fit within the second open space, the non-slip member having a peripheral groove that, in use, engages the recessed surface to attach the non-slip member to the shell.

7. The system of Claim 6, wherein the shell further comprises at least one access opening that allows access to control features of a handheld electronic device.

8. The system of Claim 6, further comprising a magnet disposed within the non-slip member.

9. The system of Claim 6, further comprising at least one mounting base attached to the interlocking member.

10. The system of Claim 9, wherein the mounting base comprises an adhesive layer that allows the mounting base to be affixed to a surface through adhesion.

11. A protection system for a handheld electronic device, comprising:

a shell comprising a rear wall and a side wall extending in a first direction from the rear wall, wherein, in use, the side wall encloses a plurality of peripheral edges of an associated handheld electronic device, the rear wall comprising a first surface facing in the first direction and a second surface facing in a second direction opposite the first direction;

wherein the rear wall comprises an opening extending through the second surface, the opening defining at least one shell interlock surface;

a mount having at least one mount interlock surface, wherein, in use, a portion of the mount is passed through the opening of the shell and the at least one shell interlock surface is engaged with the at least one mount interlock surface to selectively couple the shell to the mount.

12. The protection system of Claim 11, wherein the mount comprises an adhesive layer that permits the mount to be secured to a surface via adhesion.

13. The protection system of Claim 11, wherein the mount is a bike mount that, in use, is mounted to a component of a bicycle.

14. The protection system of Claim 13, wherein the bike mount comprises a cap portion that, in use, is secured to a steerer tube of the bicycle.

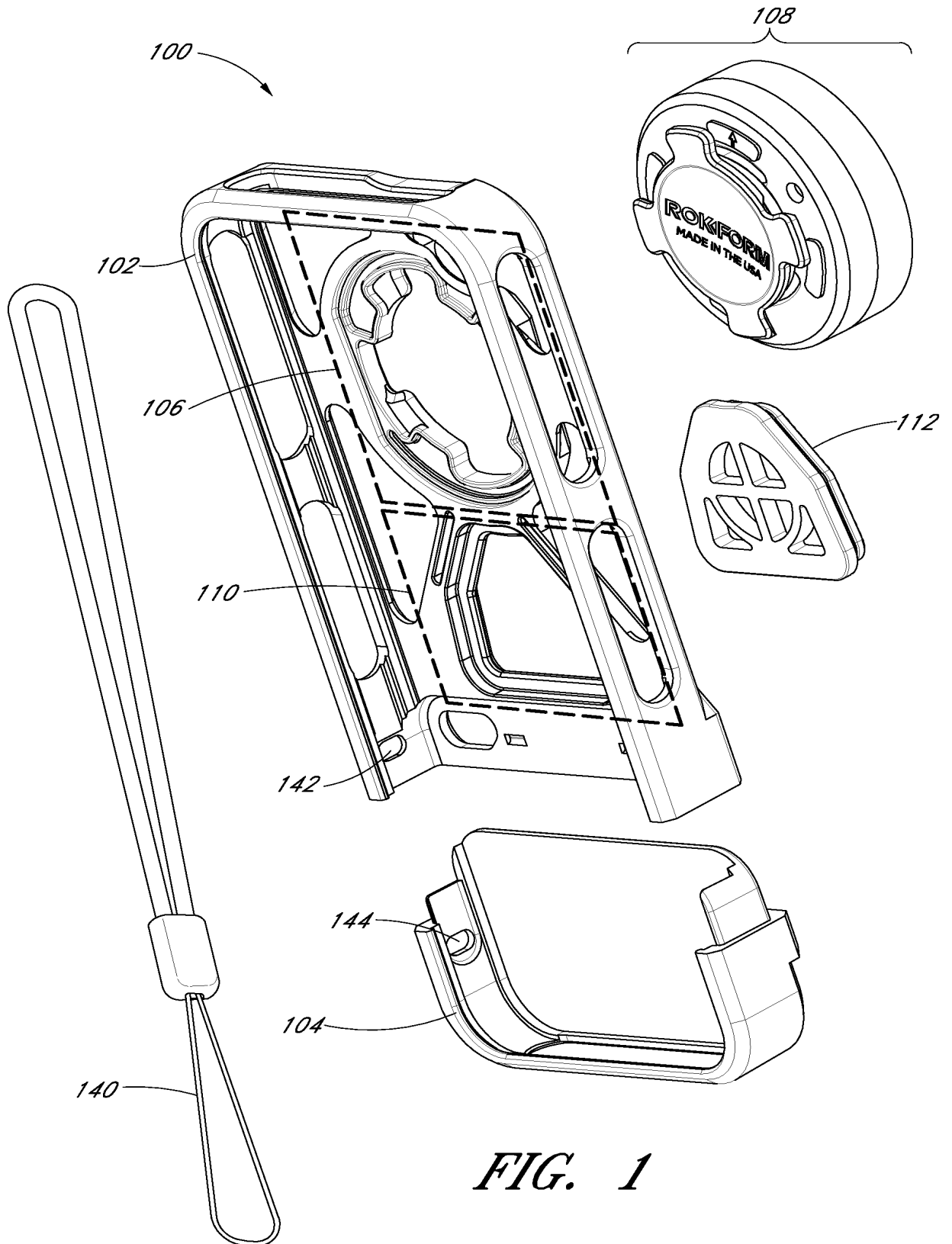
15. The protection system of Claim 14, further comprising an arm portion that extends between the cap portion and the at least one mount interlock surface, wherein the arm portion is rotatably adjustable relative to the cap portion.

CASE AND MOUNT SYSTEM FOR HANDHELD ELECTRONIC DEVICE

ABSTRACT OF THE DISCLOSURE

A protective case for a handheld electronic device is provided. The protective case can include a removable mounting system comprised of an interlocking member and a plurality of mounting bases. The protective case may further include a non-slip member to prevent the device from slipping on a surface and a magnet for attaching the device to a magnetic surface.

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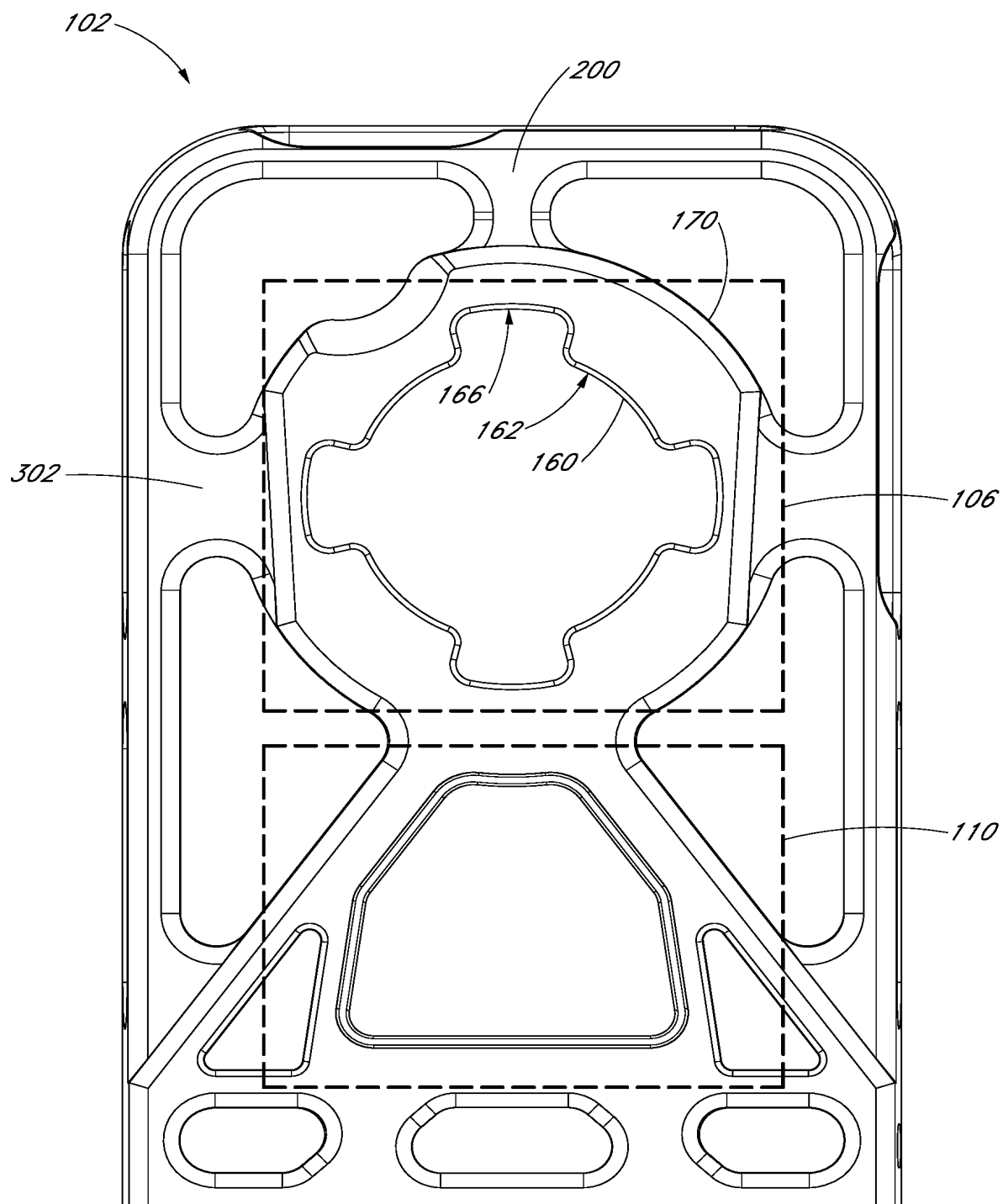
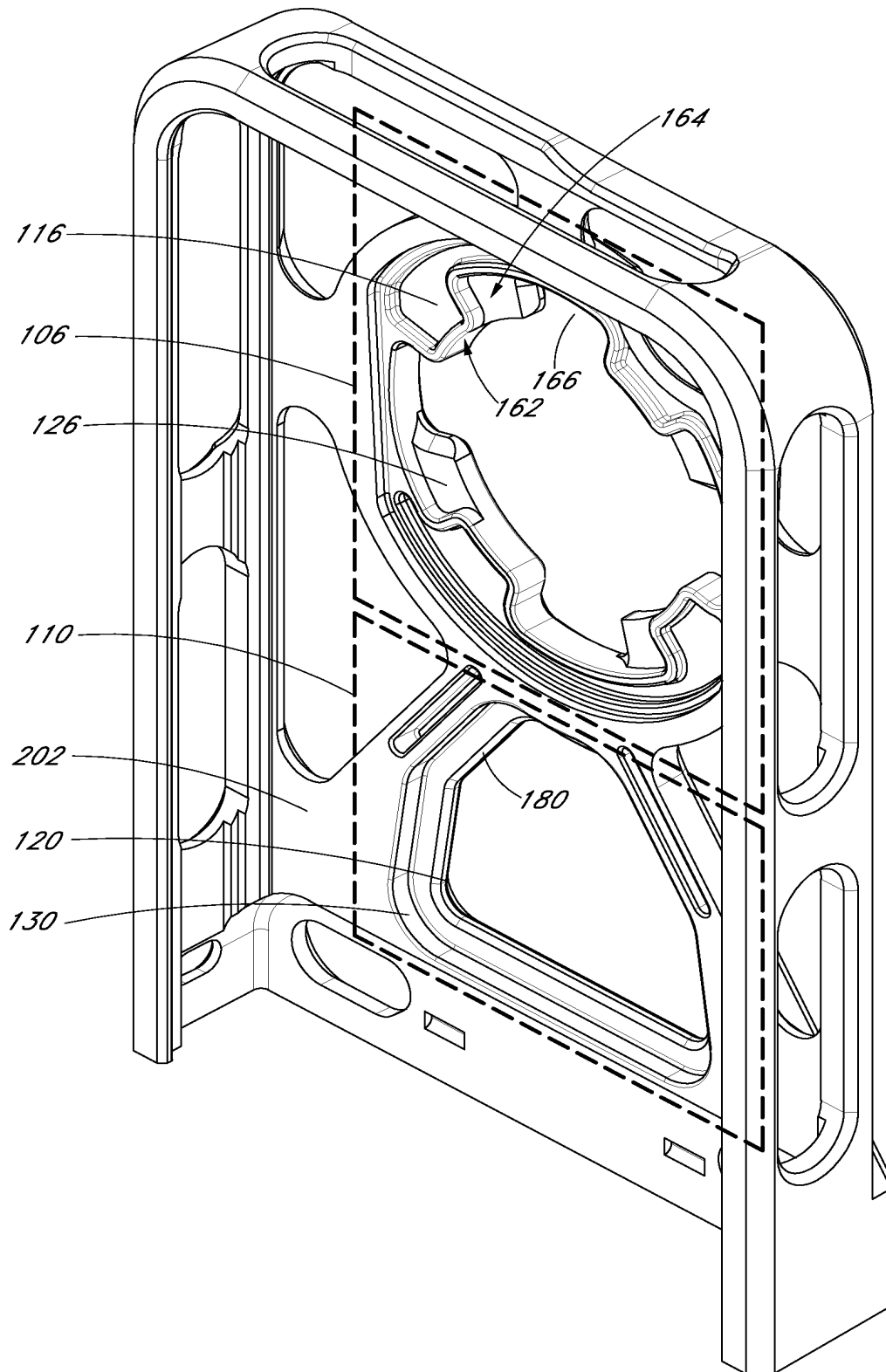


FIG. 3

*FIG. 4*

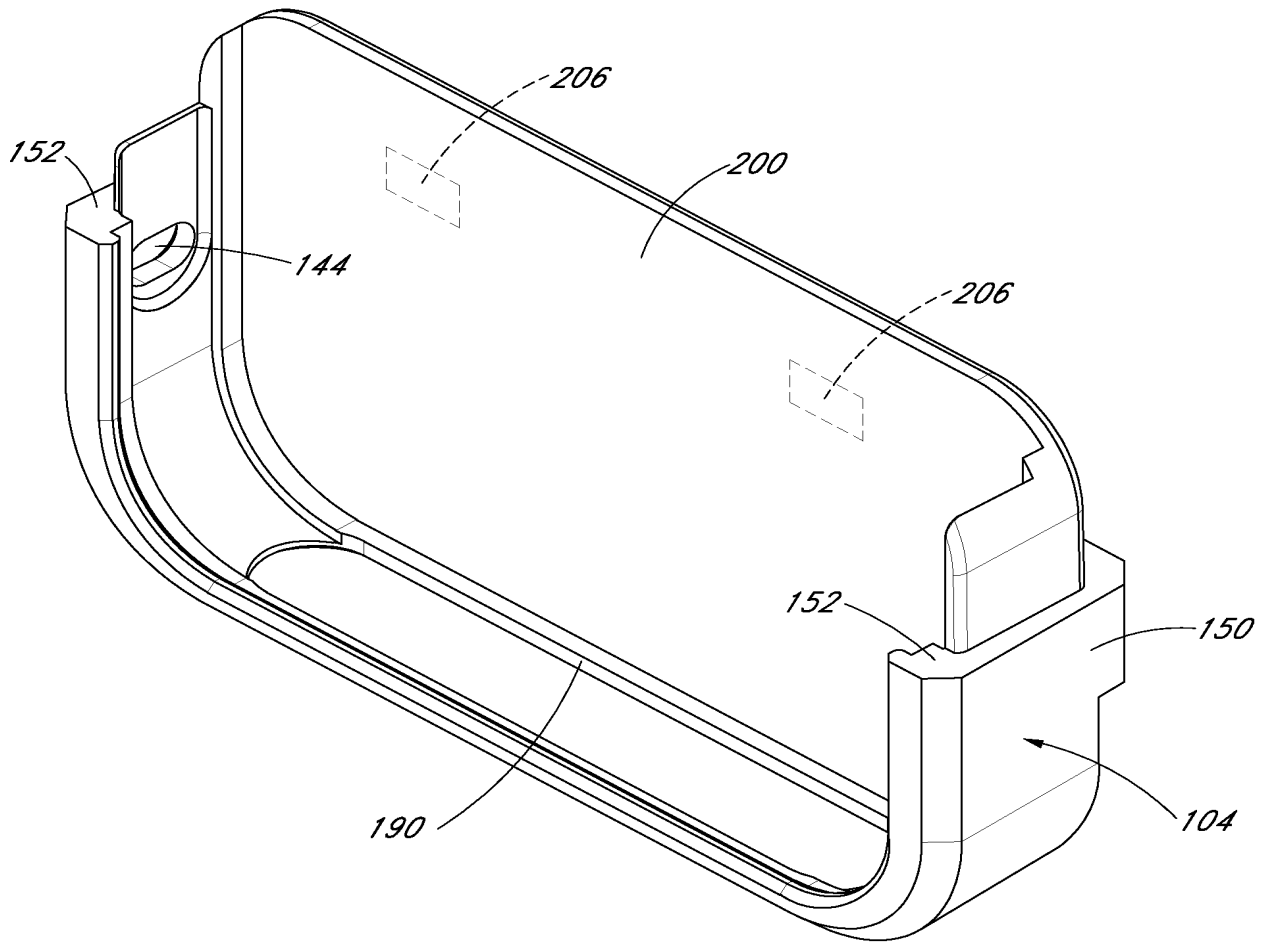


FIG. 5

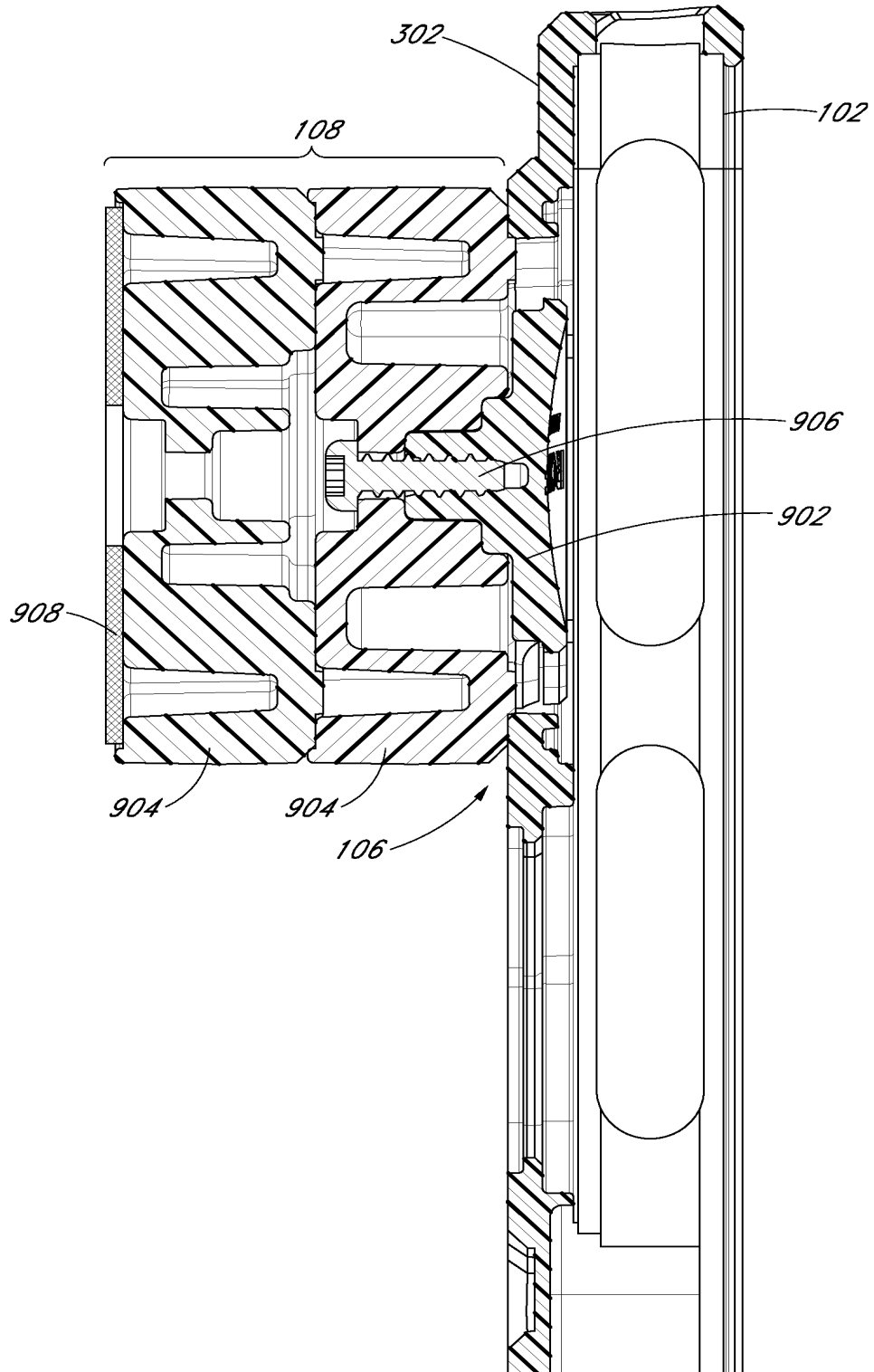


FIG. 6

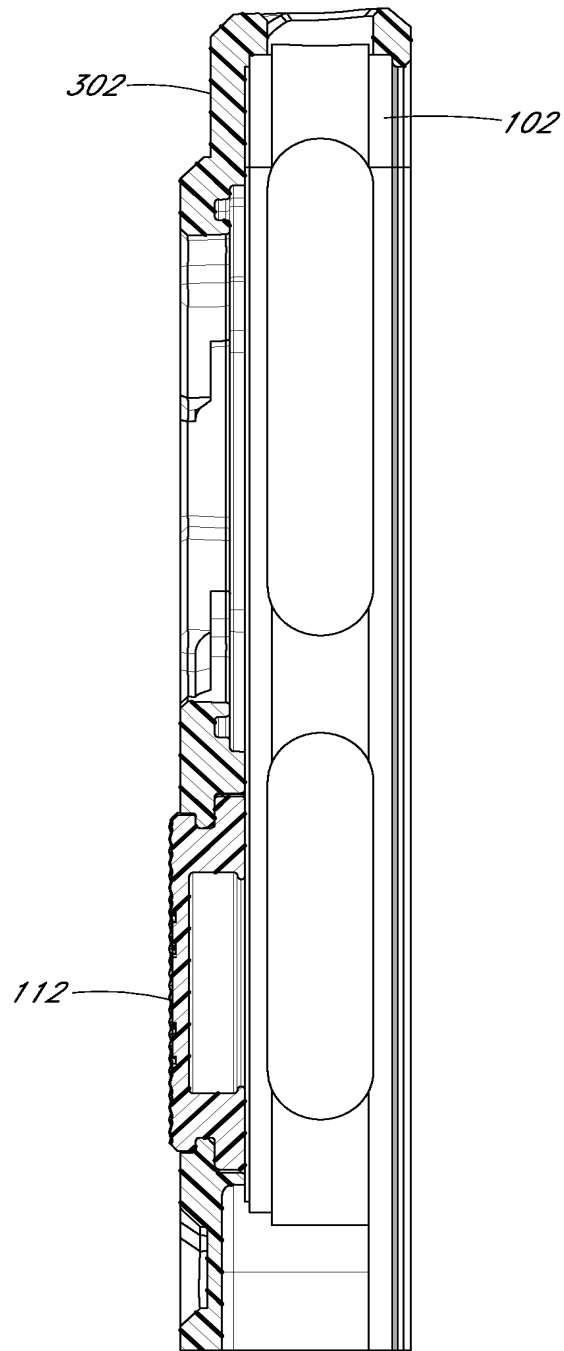


FIG. 7

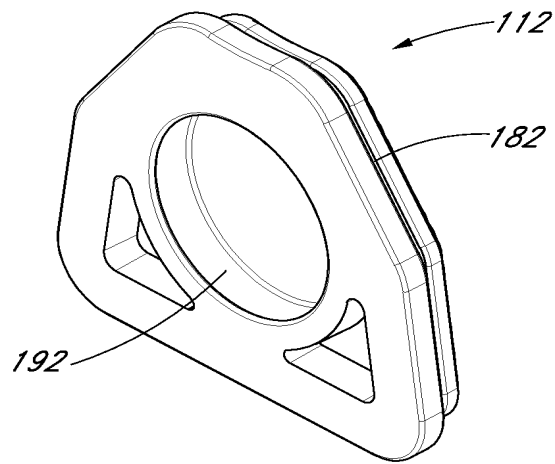


FIG. 8A

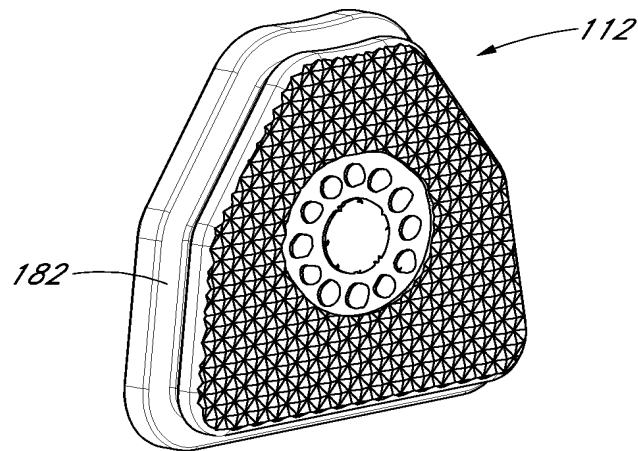


FIG. 8B

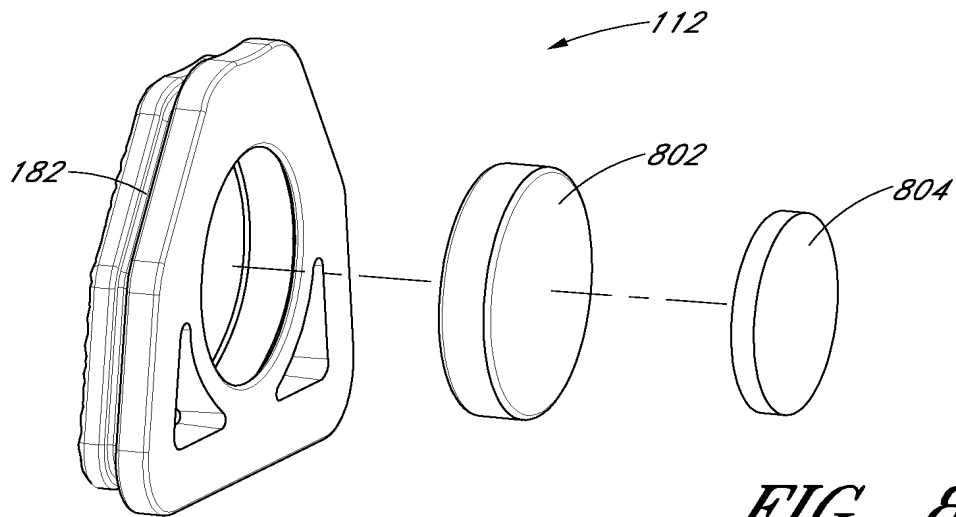


FIG. 8C

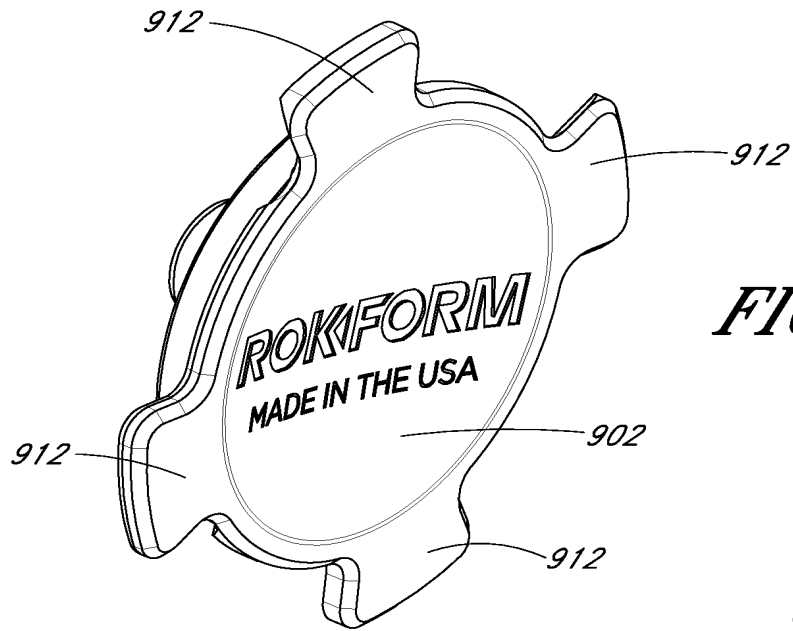


FIG. 9A

FIG. 9B

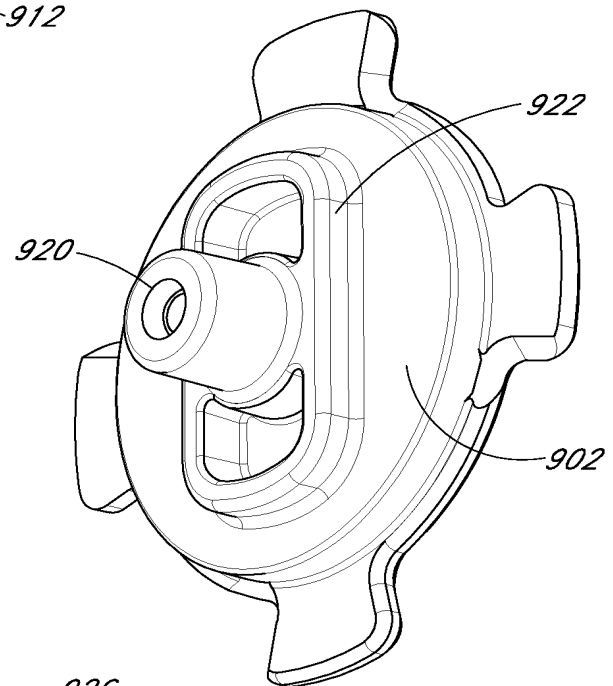
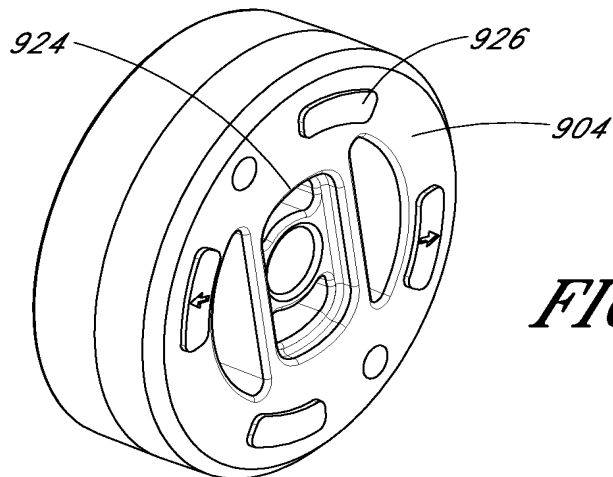


FIG. 9C

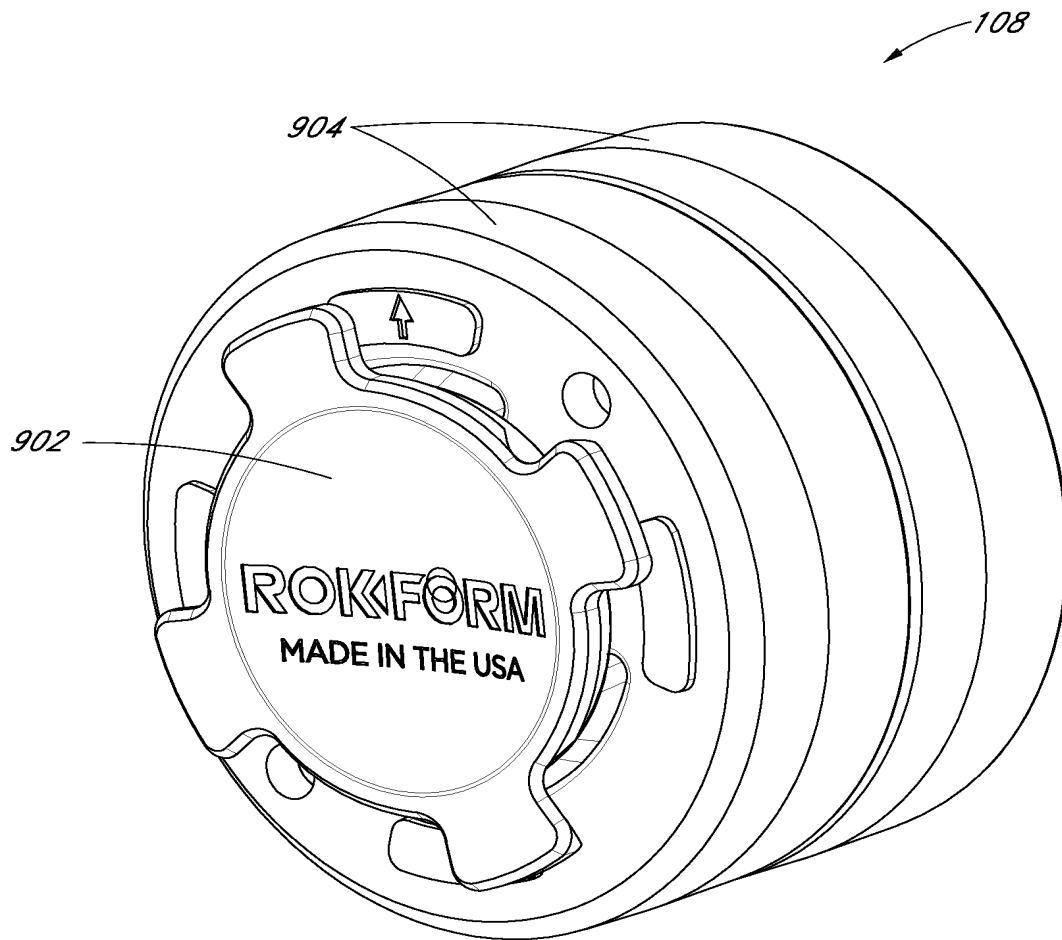


FIG. 10

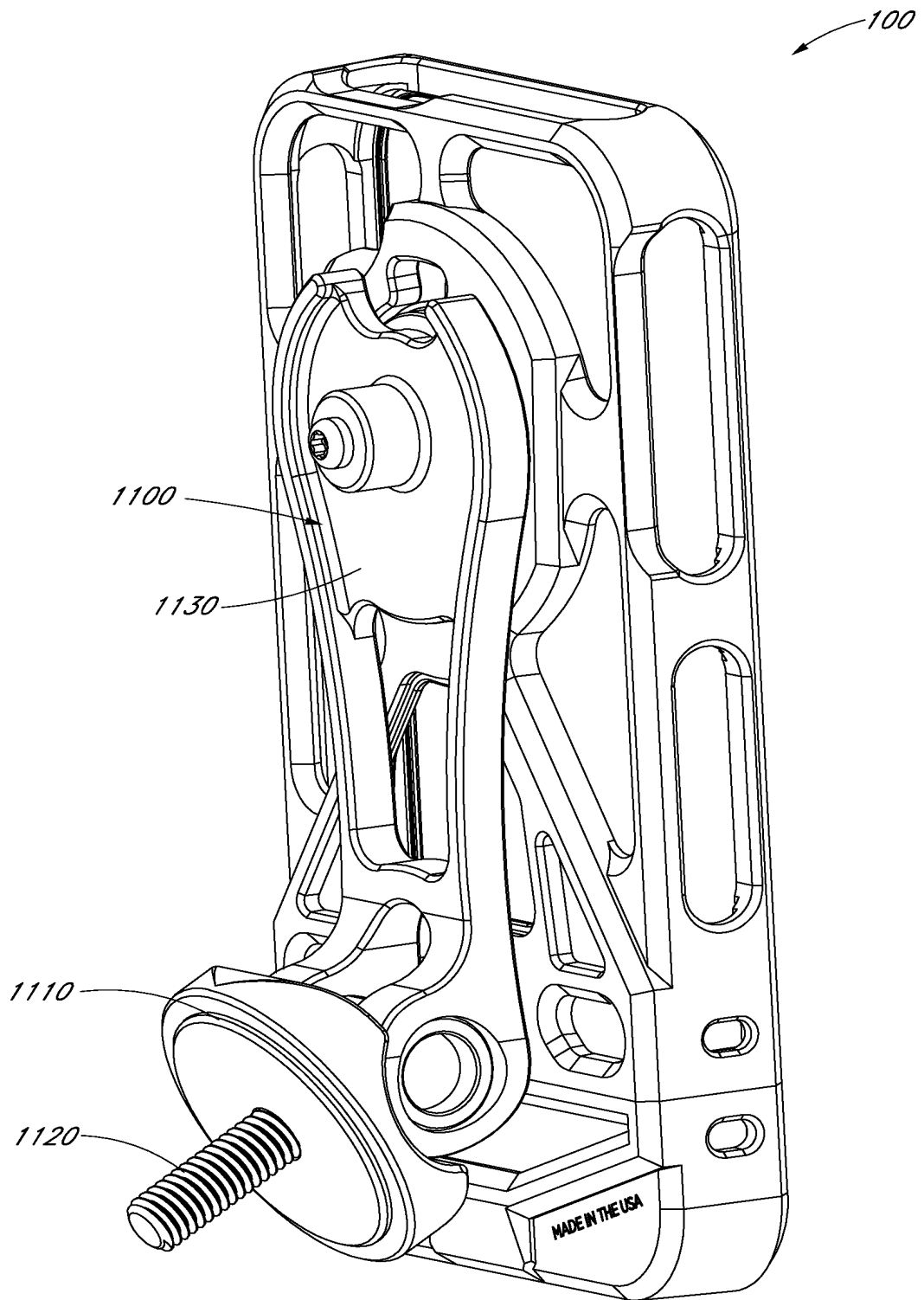


FIG. 11