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AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,

(54) Title: DISTAL OSTEOTOMY METATARSAL CORRECTION SYSTEMS AND TECHNIQUES

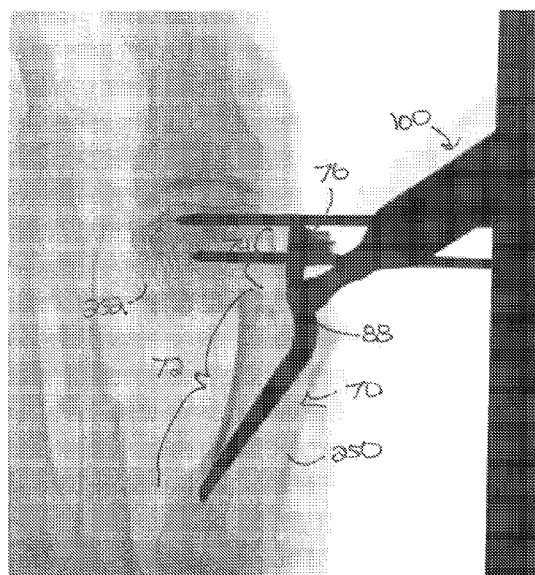


FIG. 17

(57) Abstract: Systems, devices, and techniques can be used to perform an osteotomy on a bone of a foot, to realign a cut bone portion relative to an adjacent bone portion, and/or to fixate a moved position of the cut bone portion relative to the adjacent bone portion for fusion. In some examples, the disclosed devices and techniques can be used as part of a metatarsal correction procedure in which a metatarsal is treated to correct a bunion deformity.





DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 24/38113

A. CLASSIFICATION OF SUBJECT MATTER
 IPC - INV. A61B 17/72, A61B 17/80 (2024.01)
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CPC - INV. A61B 17/7291, A61B 17/8061

ADD. A61B 2017/565

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)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Search History document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 218,943,479 U (WUHAN FOURTH HOSPITAL) 02 May 2023 (02.05.2023), entire document	1-3, 9-11
A	US 11,020,148 B2 (CrossRoads Extremity Systems, LLC) 01 June 2021 (01.06.2021), entire document	1-3, 9-11
A	US 2021/0030451 A1 (Wright Medical Technology, Inc.) 04 February 2021 (04.02.2021), entire document	1-3, 9-11
A	US 2021/0315614 A1 (ARTHREX, INC.) 14 October 2021 (14.10.2021), entire document	1-3, 9-11
A	US 2020/0129304 A1 (Wright Medical Technology, Inc.) 30 April 2020 (30.04.2020), entire document	1-3, 9-11
A	US 2022/0296285 A1 (NOVASTEP) 22 September 2022 (22.09.2022), entire document	1-3, 9-11

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"D" document cited by the applicant in the international application

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"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 24/38113

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☒ Claims Nos.: 4-8, 12-22
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.