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(54) **Wear assembly for excavating equipment**

(57) A wear assembly for excavating equipment includes a base fixed to the excavating equipment, a wear member fit over the base, and a lock to releasably hold the wear member to the base. The wear member includes side relief to reduce drag on the system. The wear member and the base each includes a hemispherical front end and a generally trapezoidal rear portion. The base in-

cludes a nose and a stop projecting from the nose to cooperate with the lock without an opening being needed to receive the lock into the nose. The lock is an elongate lock positioned generally in an axial direction and which holds the wear member to the base under compressive loads.

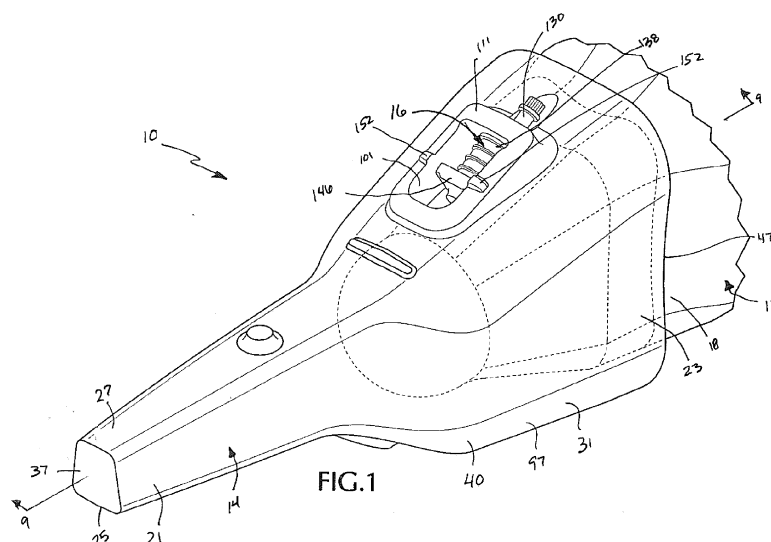


FIG. 1

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EUROPEAN SEARCH REPORT

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A	* paragraph [0005] - paragraph [0023]; figures 2,6,7,10,11,12, *	9,13,16, 17	
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 17 September 2015	Examiner Clarke, Alister
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- ☒ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

16, 17, 35, 36

- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

- ☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-10

A wear member having a specific cross-sectional profile and
a wear assembly including this wear member

2. claims: 11-14

A wear member having a specific cross-sectional profile and
a wear assembly including this wear member

3. claims: 15-17

A wear member having a specific socket shape

4. claims: 35, 36

A wear assembly including a wear member having a socket with
a specific shape and a lock member

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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