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(54) **PUNCH ASSEMBLIES AND UNIVERSAL PUNCH THEREFOR**

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Y10T 83/9476 (2015.04)

(71) Applicant: **Wilson Tool International Inc.**, White Bear Lake, MN (US)

(58) **Field of Classification Search**
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See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 20 days.

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(57) **ABSTRACT**

A punch tip (16) design configured to be universal in its application with wide varieties of punch assemblies, and various punch body (14) designs from which universal application of the punch tip (16) is exemplified. Ancillary components (34, 16, 50) used with the various punch body (14) designs enhance ease by which the operator can selectively manipulate the same for alternately securing or releasing the punch tip (16).

15 Claims, 43 Drawing Sheets

