

Andrei Iancu's Serious § 101 Challenge — Becoming his § 101 Success Story? The USPTO's Recent Claim Interpretation May Render *Alice's* § 101 Test as Patent Champion.

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The USPTO's 'old' claim interpretation, the "**Broadest Reasonable Interpretation, BRI**"^{1.a)}, insinuated for an ETCI's patent(-application) a for inventors and investors disastrous PE-deficiency, fortunately untrue^{e)f)}: That an ETCI can only be determined PE if it is BRI interpreted — solely by the USPTO's will^{479,480)}. By its pertinacious repeating this untruth, it practically barred the established SPL-experts from finding the PE-solution, as the BRI totally ignored the key feature(s) **A** (and **B**) of PE^{e)} — as the Supreme Court asked for it^{e)} and it by the PE-analysis in *Alice* explicitly outlined (as explained below).

The USPTO has recently induced — after all the permanent public complaints about BRI's many misleadings in claim interpretations^{e)f)}, by its eventually having changed over to the "**Phillips**" claim interpretation⁴⁸²⁾, and as of^{c)} — the key cognition: That clarifying **A** (and **B**) is crucial for consensually ending the PE-dilemma. This clear 'de novo' interpretation of the terms '**application**' and '**inventive *Alice* concept**' on page 7 in *Alice's* PE-analysis (after having announced both by^{d)}) mandatorily leads to these terms' meanings consistent to the Supreme Court's pertinent elaborations in •*Mayo* and •*Myriad's* final pages: This very wide interpretation of the framework's key term '**application**'⁹⁾, as refined by the Supreme Court in its *Alice* decision, namely ideally complements the notion of '**inventive concept**'^[495fn3.c)] — for clarity called "**inventive *Alice* concept**"⁹⁾. It indeed eliminates the by the Supreme Court in *Bilski/Myriad* clearly identified big problem of ETCI's patenting — that their total preemptivity threatens the entire US patent system — and amazingly achieves this by minimal invasivity into it⁴⁸⁰⁾.

In total^{b)}: For an ETCI its embedded 'PE invention' and an its (just defined) "**application**", many to the latter belonging "**inventive *Alice* concepts, y**" can easily be determined (if there is a y, *Alice* requires for an ETCI only 1 pair <y, application>), as y may comprise — additional to its mandatory set of ETCI concepts — any concept basically independent^[488fn1.b)] only of its 'PE invention'^[488fn2.b)] and only such concepts. Note that any such y identifies not only its single "**primary**" application^{h)} belonging to y, but usually a set of "**secondary**" applications^{h)} belonging to these additional inventive *Alice* concepts⁴⁹⁵⁾.

I.e.: Andrei Iancu's new claim interpretation launched the consensual termination process of the § 101 dilemma.

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1. a By the definition of an element of a claim's BRI^[483] this element is an interpretation of this claim iff it is an interpretation of this claim in its light — whereby this 'claim's light' is an indefinite as transcendental term^[489fn2)]. Alone this property of the meaning of the term BRI must exclude its use in patenting business. By contrast, this claim's *Phillips* interpretation is defined metarationally, as this interpretation's definition comprises only metarational terms^[489fn2)].
- b W.l.o.g. and solely for brevity, this mail assumes that there are no ETCIs with identical or synonymous COM(ETCI)s^[489Figs.a)and b)].
- c In hindsight and by the *Phillips* claim interpretation^[488] of an ETCI, the wording of the paragraph^{d)} — referring to the PE-problem — shows that the Supreme Court had recognized already at its *Alice* hearing that **A**) the application(s) of the 'PE invention embedded in the ETCI at issue would play the key role in solving the PE-problem, as **B**) in *Bilski/Myriad/Biosig* required, based on the ETCI's '**inventive *Alice* concepts**', and here is elucidated. **The Supreme Court thereby nowhere required that an ETCI has only a single pair <application, inventive *Alice* concept> — which is the message of this mail, is of decisive importance for inventors and investors, and implied by the Supreme Court's framework.**
An example: Let the patent(-application) at issue deal with an ETCI being a 'pharmaceutical application, A' of an 'PE invention, as *Alice's* PE-analysis assumes (see above). The BRI — since decades used by the entire patent community solely for finding a single obvious interpretation put together by prior art disclosures rendering this ETCI anticipated — would analogously search for one pair <application, inventive *Alice* concept> only, which now would render this ETCI PE. And: The USPTO just as the CAFC nowhere mentioned that having several such pairs may be very advantageous as of so increased economic potential. Thus, the BRI is for inventors & investors very disincentivizing'. I.e., it contradicts the Supreme Court's requirement to foster 'innovative activities of inventors and investors (see its *Mayo* decision).
By contrast to the BRI, the *Phillips* claim interpretation is in line with the *Alice's* PE-analysis: The interpretation's of its wording has a meaning: "... **that is sufficient to ensure that the patent in practice** [i.e. the ETCI] **amounts to significantly more than a patent upon the [ineligible concept] itself.**". And it enables by *Alice's* PE-analysis to distinguish, for an ETCI, between its '**primary & secondary application(s)**' — as explained in the main text.
- d Justice Breyer^[69]: "*Different judges can have different interpretations. All you're getting is mine, ok? I think it's easy to say that Archimedes can't just go to a boat builder and say, apply my idea [i.e. the natural phenomenon of a boat's water displacement] ... Everybody agrees with that. But now we try to take that word "apply" and give content to it. And what I suspect, in my opinion, Mayo did and Bilski and the other cases, is to sketch an outer shell [i.e. framework] of the content, hoping that the experts, you and the other lawyers and the CAFC, could fill in a little better than we had done the content of that shell...*" [highlights added]
- e Justice Ginsberg^[81,127] (as to the BRI's untenability): "*It cannot be sufficient that a court can [always] ascribe some meaning to a patent's claims ... post hoc*", as the Constitution authorized: "...to inventors the exclusive right to **their** discoveries..." [highlights added]
- f Chief Justice Roberts^[279] (as to the coexistence of the BRI^[USPTO] and the BRI^[CAFC66]): "...it's a very extraordinary animal in legal culture to have two different proceedings addressing the same question that lead to different results. ... I'm sorry. It just seems to me that's a **bizarre way to decide a legal question**..." [highlights added]
- g This entire set of inventive *Alice* concepts just as any subset of it is also called this ETCI's inventive concept.
- h — by *Alice's* PE-analysis of an ETCI and its thereby first and/or incidentally encountered primary application (of ETCI's embedded 'PE invention meeting the additional requirements ex- and/or implicitly stated by this ETCI's PE-analysis —
- i The width of this '**application**' understanding in *Alice's* PE-Test would — with all likelihood — render it totally consensual in the patent community, especially for patent(-application)s in the CRISPR and alike R&D and investment areas, because of their numerous applications (provided their ETCIs specify them).

The FSTP-Project's Reference List (Version of 14.11.2018)

Most of the FSTP-Project papers below are written in preparation of the textbook^[182] – i.e. not fully self-explanatory independent of their predecessors.

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[2] AI: "Advanced Information Sciences & Technologies" or "Artificial Intelligence Technology" denotes cutting edge IT areas, e.g. Knowledge Representation(KR)/ Description Logic (DL)/ Natural Language (NL)/ Semantics/ Semiotics/ System Design/... just as MAI & MKR: "Mathematical Artificial Intelligence & Mathematical Knowledge Representation", i.e. the resilient fundament of AI, AIT, and "Facts Screening/Transforming/Presenting, FSTP"-Technology, both developed here.— currently much of the latter still in a 'status nascendi'^[182]
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