

---

# Kluwer Patent Blog

## Meade J finds Interface Circuit patent invalid – reminding parties not to be resistant during the pre-action stage

Brian Cordery, Emma Irwin (Bristows) · Wednesday, June 23rd, 2021

As many readers will already know, two new full-time Patents Judges have been appointed to the English Court in the last 9 months – Meade and Mellor JJ. Despite the challenges that the global pandemic has brought, the English Patents Court has coped remarkably well and there has been no let-up in the progress of cases to trial or in the determination of case management issues. It came as no surprise to those who worked with Meade and Mellor JJ prior to their elevation to the bench that both individuals have adjusted well to their new roles. Despite the busy workload of the Patents Court, trials and other hearings are going ahead in a very similar way to the pre-pandemic position and, despite their busy workloads, the Judges are handing down timely and well-reasoned decisions.

One such decision was handed down on 17 June 2021 by Meade J in *ADD2 Research v dSPACE*. The neutral citation for the case is [2021] EWHC 1630 (Pat) and a [link](#) to the judgment is found here.

ADD2 Research and Development initiated infringement proceedings against dSPACE in relation to its patent EP (UK) 1 163 622 B1 (the ‘**Patent**’). dSPACE not only denied the allegation of infringement but counterclaimed for invalidity. Meade J was also asked to assess the validity and infringement of the Patent in a proposed conditionally amended form which was opposed by dSPACE. Also worth noting is the fact that the Patent expired in March 2020 and so this was a claim directed to financial relief only.

The Patent was entitled “Interface Circuit” and concerned electronic interface circuitry for use in particular, but not exclusively, within simulation techniques. The invention was said to be the provision of a signal interface circuit comprising circuit portions operable to provide a digital interface, and circuit portions operable to provide an analogue interface, the circuit further comprising control means operable selectively to enable or disable the said circuit portions, whereby to reconfigure the interface. The claims in issue were product claims, not method claims – which was particularly relevant for Meade J’s ruling on infringement.

The central issues in the case were obviousness and infringement although Meade J noted that many other issues were also in play and commented that these other issues “*should have been cut back by the parties and undue resources were given to them*”.

This short commentary will not attempt to summarise all the technical issues in the case or the

findings of the Court. The bottom line is that the Patent was held to be obvious over a prior art citation referred to as “Woermann”. Rather, we will focus on some general points of wider interest to the community.

### **Point 1 – Mindset**

One interesting aspect of the law in the UK concerning the common general knowledge is the so-called “mindset” of the skilled person or team. The relevant law stems essentially from the celebrated observations of HHJ Fysh QC in Dyson v Hoover ([2001] RPC 26) that the vacuum cleaner designing community was “*functionally deaf and blind to any technology which did not involve a replacement bag*”. It is often argued by a patentee that the relevant community involved in a given technical field had a prejudice against a particular developmental route and that the patentee made a technical advance by thinking outside of the box in this respect. Meade J took the opportunity in his judgment to remind readers that this is a high hurdle and that the test is usually that should be shown to be a prevalence in the community that something must or should not be done.

### **Point 2 – Do the claims correspond to the preferred embodiment?**

An interesting construction argument was made by dSpace namely that when there is only one preferred embodiment in the specification of the patent, it was more likely than if there had been multiple embodiments that the patentee had chosen claim terms to correspond to the preferred embodiment rather than to have a more general meaning. Meade J did not accept this, finding that even when there was only one preferred embodiment, the patentee is likely to have had a generalised concept in mind.

### **Point 3 – Uncertainty Insufficiency**

For many years English patent law has recognised a ground of insufficiency that the skilled person cannot determine the scope of the claim. This was originally called “ambiguity insufficiency” but was recently rebadged as “uncertainty insufficiency” by the Court of Appeal in Anan Kasei v Neo [2019] EWCA Civ 1646. In rebadging the concept, the Court of Appeal confirmed that a fuzzy boundary was not enough to succeed on this ground but nor would such an allegation fail if there was something within the claim was clear. Here Meade J found that this was not a situation where the patentee had “*used nonsense language or set the boundary of the claim in terms of a comparison with something that cannot be identified.*” This suggests that the Judge considers that the hurdle for the challenger to overcome in order to prove uncertainty insufficiency is a high one.

### **Point 4 – Compliance with the Pre-Action Protocol**

Uniquely, as far as the authors are concerned, the Judge was asked to determine as part of the trial whether the parties had complied with the Pre-Action Protocol. In particular, Meade J was asked to make findings concerning a meeting between the parties which took place in August 2019. As many readers will know, there is no specific requirement in patent cases to adhere to the Pre-Action Protocol, (save for proceedings in the Intellectual Property and Enterprise Court) and the authors note that it is relatively uncommon for parties to explicitly confirm that they have done so. Nevertheless, the Courts do expect the parties to behave reasonably before proceedings are commenced. Having considered the evidence, the Judge found that the Defendants had adopted a strategy of not giving information about their products and that this was not consistent with the Pre-Action Protocol. However, the Judge ultimately made clear that his findings were not to be

taken as general findings about specifically what Defendants have to do in pre-action stages in patent cases.

### **Point 5 – Overseas Witnesses**

Meade J noted in his judgment that evidence had been given by a number of dSpace’s witnesses from Germany. The arrangements for the giving of such evidence were in the Judge’s opinion left “much too late”. Practitioners should need no further reminder that when witnesses are giving evidence from outside the UK, the local rules must be checked well in advance as to whether it is necessary to engage with the relevant overseas courts. A recent practice direction on this issue was issued by the Chancellor to the High Court: <https://www.judiciary.uk/wp-content/uploads/2021/05/Practice-note-from-CHC.pdf>

It is not known at present whether the parties will appeal or how much of an impact the non-compliance with the Pre-Action Protocol will impact on the costs assessment. What is clear however is that the English Patents Court is continuing to flourish under the stewardship of its new full-time Judges ably supported by other Judges who are empowered to hear patent cases.

---

*To make sure you do not miss out on regular updates from the Kluwer Patent Blog, please [subscribe here](#).*

## **Kluwer IP Law**

The **2022 Future Ready Lawyer survey** showed that 79% of lawyers think that the importance of legal technology will increase for next year. With Kluwer IP Law you can navigate the increasingly global practice of IP law with specialized, local and cross-border information and tools from every preferred location. Are you, as an IP professional, ready for the future?

Learn how **Kluwer IP Law** can support you.

79% of the lawyers think that the importance of legal technology will increase for next year.

**Drive change with Kluwer IP Law.**

The master resource for Intellectual Property rights and registration.



2022 SURVEY REPORT

The Wolters Kluwer Future Ready Lawyer

Leading change

This entry was posted on Wednesday, June 23rd, 2021 at 4:15 pm and is filed under [Case Law](#), [Covid-19](#), [Damages](#), [electricity](#), [electronics](#), and [electromagnetism](#) and includes control systems, medical electrical engineering, electrical energy systems, high-performance electronics, robotics, electric motors, digital and analogue circuits, circuit topologies, oscillators, amplifiers, filters, semiconductor components, silicon-based components, semiconductor systems, sensors, transistors, passive components, MEMs, smartcards, signal processing systems, digital signal processing, coding techniques, computer-related inventions, computer technology, embedded software, telecommunications, GSM/UMTS/CDMA systems and typologies, telecommunications coding techniques, positioning technologies, TFT/LCD/Plasma/(O)LED displays, Plasma physics, Solar cells, Semiconductor physics, Deposition techniques, etching techniques, thin film techniques, epitaxy techniques, Plasma processing, MRI, Thermodynamics, Nuclear physics, Nuclear energy, Nuclear applications in medicine, Geophysics, Aerodynamics, Sustainable energy technologies, Computational physics”>[Electrical Engineering](#), [Enforcement](#), [evidence](#), [Infringement](#), [Inventive step](#), [Kluwer Patent Cases](#), [Legal costs](#), [Litigation](#), [Patents](#), [Procedure](#), [United Kingdom](#)

You can follow any responses to this entry through the [Comments \(RSS\)](#) feed. Both comments and pings are currently closed.