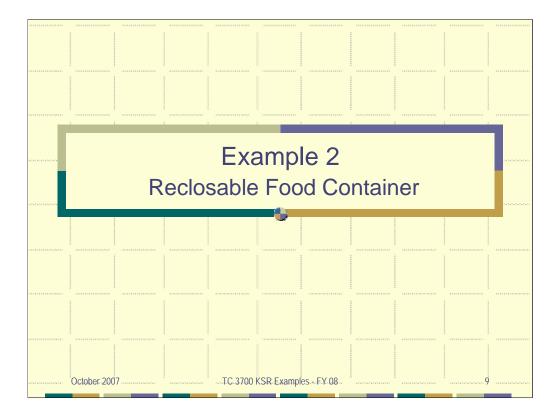


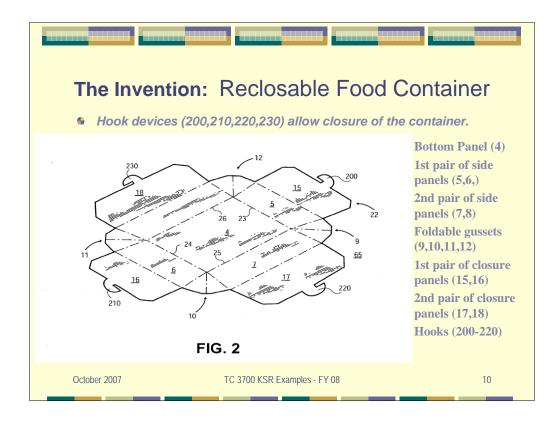
A1: The references, when combined, teach all of the claimed features.

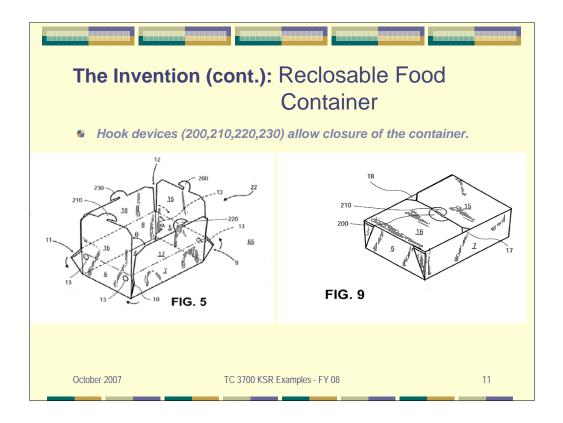
A2: No, the holding in KSR makes clear that it is not necessary to find motivation in the references themselves.

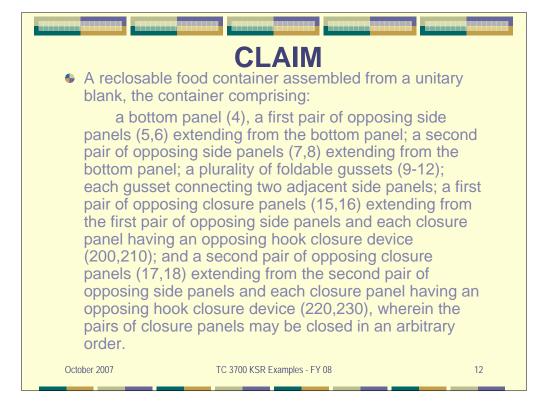
A3: One rationale that might be used is the obviousness of combining prior art elements according to known methods to yield predictable results. In this case, one of ordinary skill in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination yielding nothing more than predictable results to one of ordinary skill in the art. The <u>predictable result</u> being that the semi-permanent attachment of Wharton would allow the device of Engibarov to be temporarily attached to a table.

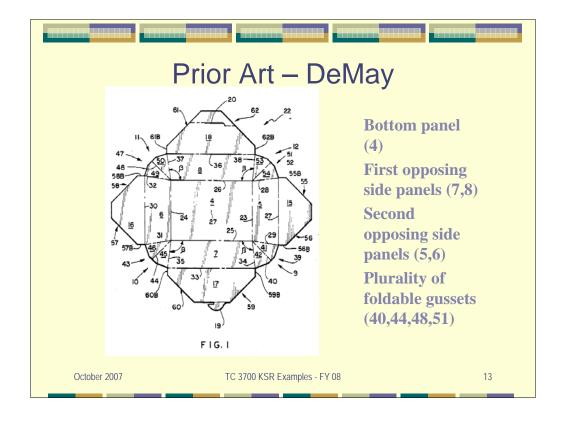
A3 (cont.): In addition, the rationale that it is obvious to use a known technique to improve a similar device in the same way or that it is obvious to apply a known technique to a known device ready for improvement to yield predictable results might be used. In this case, the use of a semi-permanent attachment would improve the Engibarov device so that it can be temporarily attached to a table which is a "known technique". TSM (Wharton at col. 3, lines 41-45).



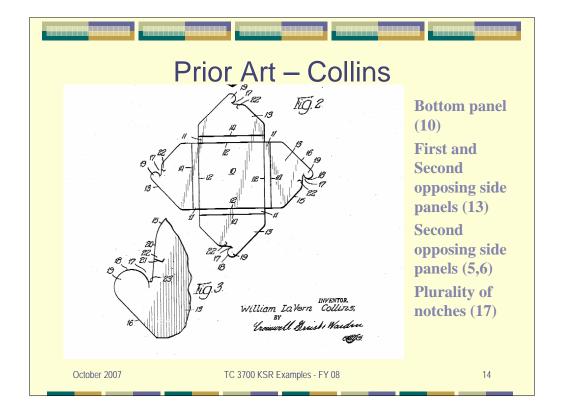


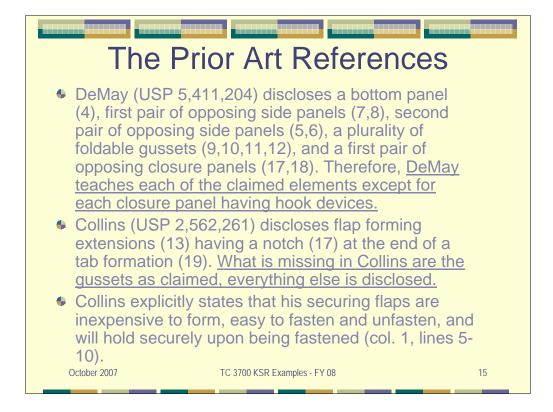




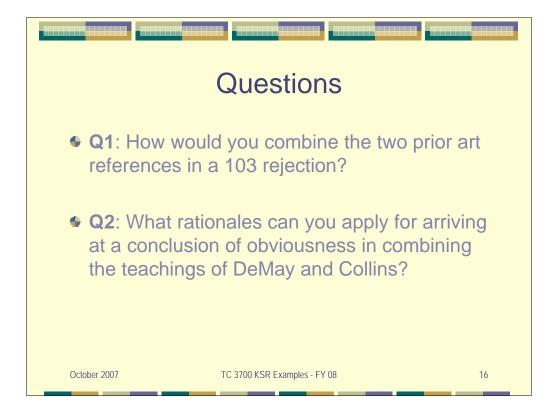


Note hook 19 fits into slot 20 to close.





The DeMay panels are folded along the gussets and closed by using the hook devices.

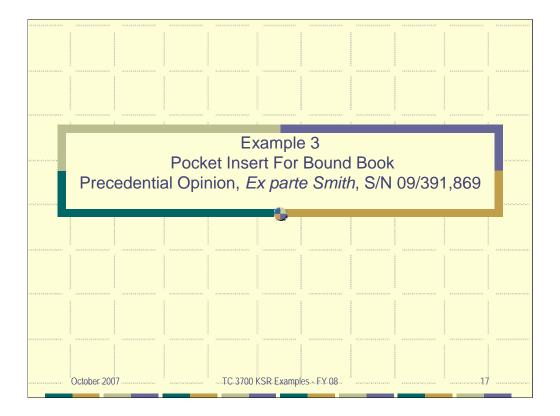


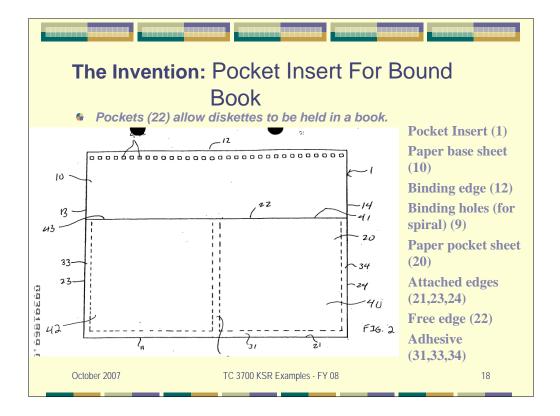
A1: Either reference could be used as the primary reference. DeMay is only missing the multiple hooks which are taught by Collins and Collins is only missing the gussets which are taught by DeMay. In addition, Collins provides sufficient <u>express motivation to make the combination</u>. "securing flaps are inexpensive to form, easy to fasten and unfasten, and will hold securely upon being fastened".

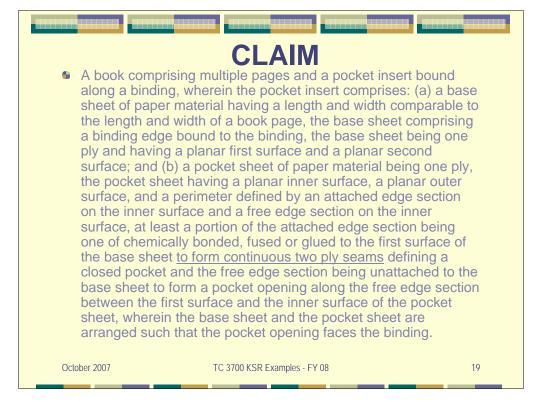
A2: Collins discloses that his closures are an inexpensive and easy means of securely fastening a container. It would have been obvious to one of ordinary skill in the art to use Collins' closures in the container of DeMay with an expectation that the closures would improve the secure closure of DeMay's container in the same way that they improved the closure of Collins.

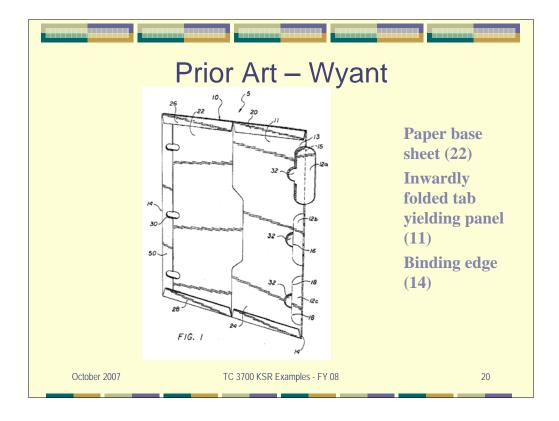
Replacing one type of known fastening system with another known fastening system is an obvious substitution of one known element for another (replacing the single hook fastening of DeMay with the Collins multiple hook fastening). The replacement would be expected to yield a device which fastens (a predictable result

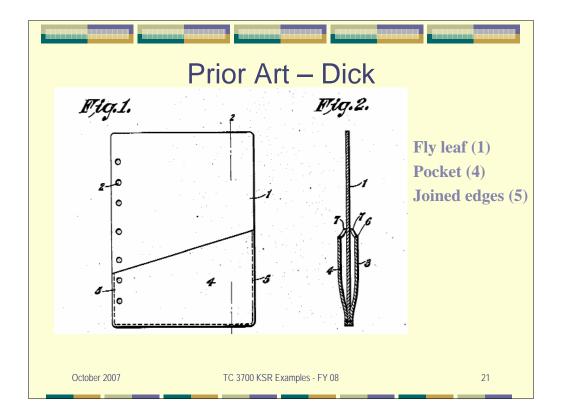
TSM - - express motivation in Collins.

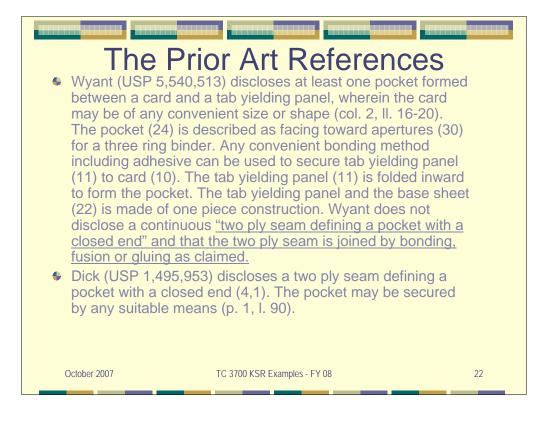


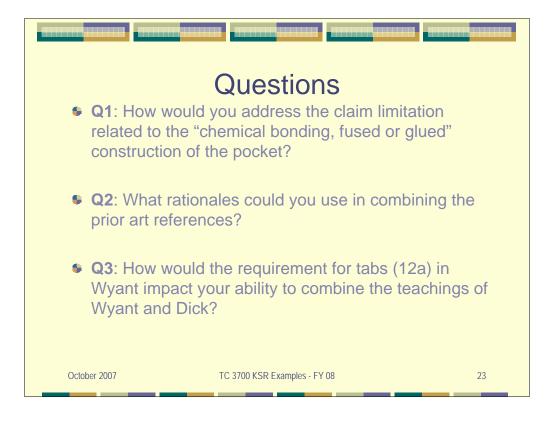










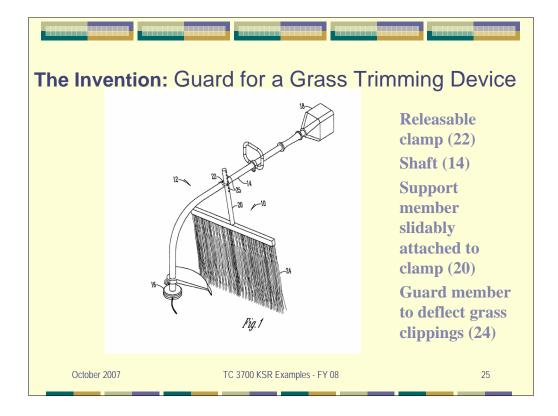


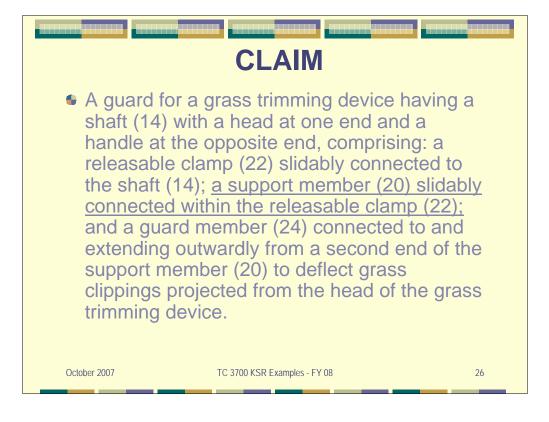
A1: Wyant teaches that any convenient bonding method including adhesive could be used in order to secure the tab yielding panel to the card. Therefore, the teachings of the prior art would have allowed one of ordinary skill in the art to use the Wyant teaching of bonding to secure the Dick pocket.

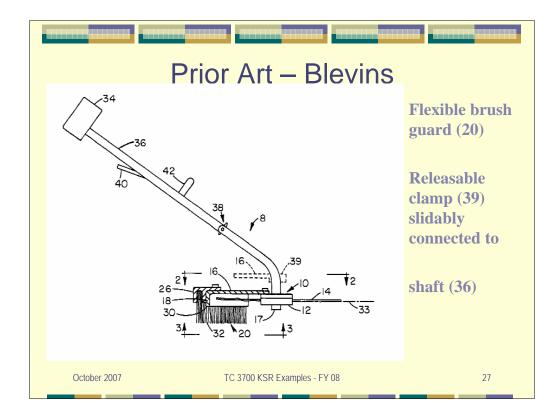
**A2**: The substitution of the continuous, two-ply seam of Dick for the folded seam of Wyant is no more than a "simple substitution of one known element for another or the mere application of a known technique to a piece of prior art ready for improvement." *KSR*, 550 U.S. \_\_\_, 82 USPQ2d 1385 (2007). Therefore, it would have been obvious at the time the invention was made to modify Wyant's pocket insert to attach a separate pocket sheet to a base sheet to form a pocket insert with continuous two-ply seams as taught by Dick.

**A3:** The Court in *KSR* noted that "[a] person of ordinary skill is also a person of ordinary creativity, not an automaton." *KSR*, 550 U.S. \_\_, 82 USPQ2d 1385 (2007). It would take no more than ordinary creativity for a person of ordinary skill to adapt Wyant to form tabs with the base sheet and pocket sheet attached along the perimeter edge as disclosed in Dick. As noted by KSR: "Common sense teaches, however, that familiar items may have obvious uses beyond their primary purposes, and in many cases a person of ordinary skill will be able to fit the teachings of multiple patents together like pieces of a puzzle."

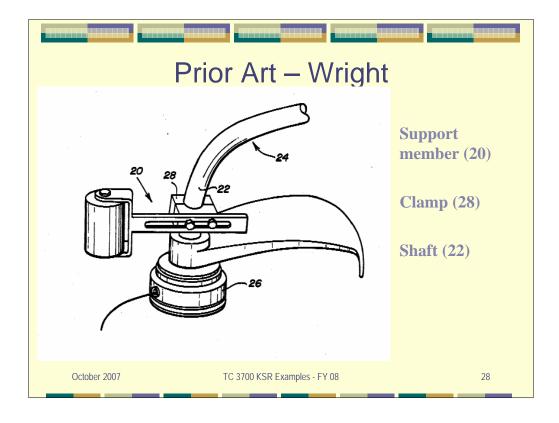


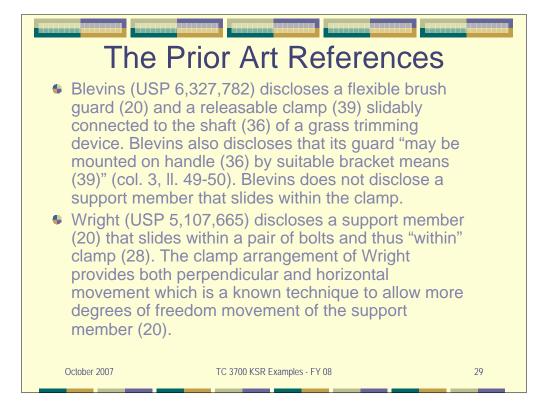


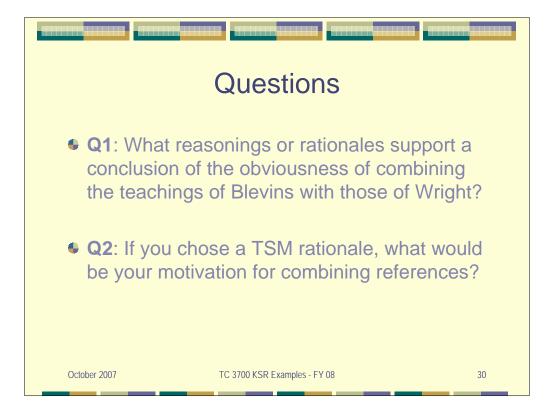




Note that although the clamp is slidably connected, the "support member" is fixed and is not "slidably attached to the clamp"

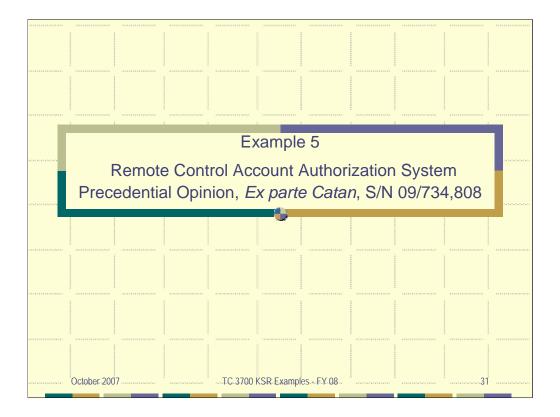


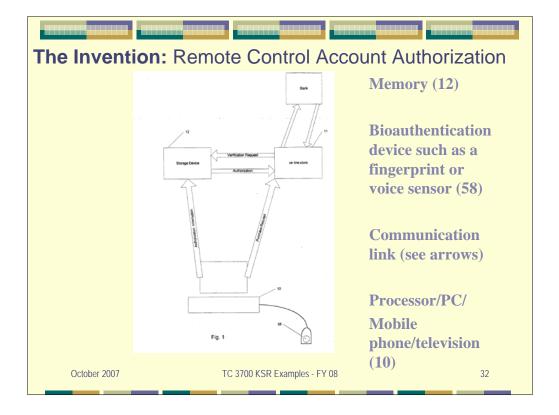


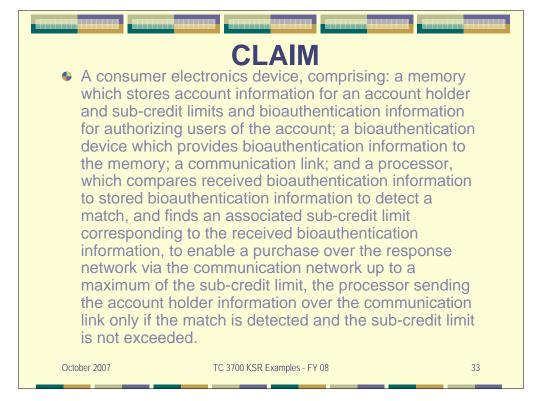


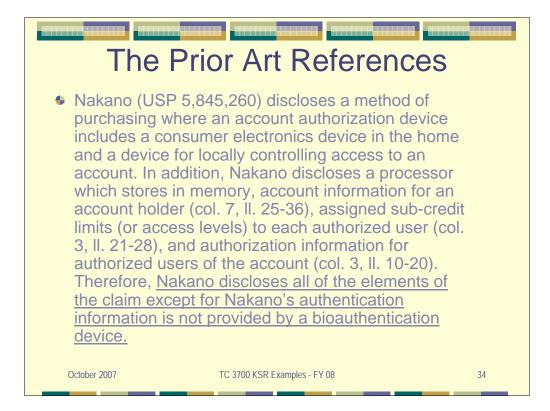
A1: As noted in KSR, "if a technique has been used to improve one device, and a person of ordinary skill in the art would recognize that it would improve similar devices in the same way, using the technique is obvious unless its actual application is beyond that person's skill." In addition, "Common sense teaches... that familiar items may have obvious uses beyond their primary purposes, and in many cases a person of ordinary skill will be able to fit the teachings of multiple patents together like pieces of a puzzle." In addition, the clamp arrangement of Wright provides both perpendicular and horizontal movement which is a known technique to allow more degrees of freedom movement of the support member (20).

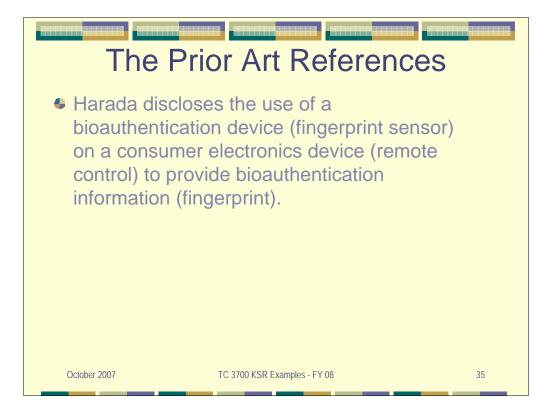
A2: The motivation or incentive to combine Blevins with Wright is provided by their similar uses. Both devices provide means for guarding weed trimming devices from other objects. Blevins discloses a guard with a clamp that is movable up and down the shaft of a weed trimmer, but the support member is not slidably connected within the releasable clamp. However, Wright discloses a clamp arrangement that allows for a slidable connection within the clamp. The perpendicular movement allowed by the Wright clamp solves the problem that Blevins can only guard at one distance.

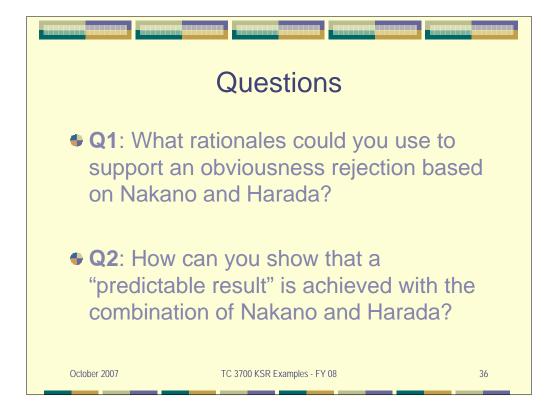






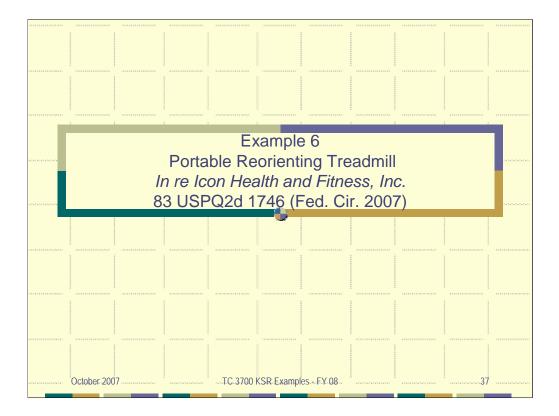


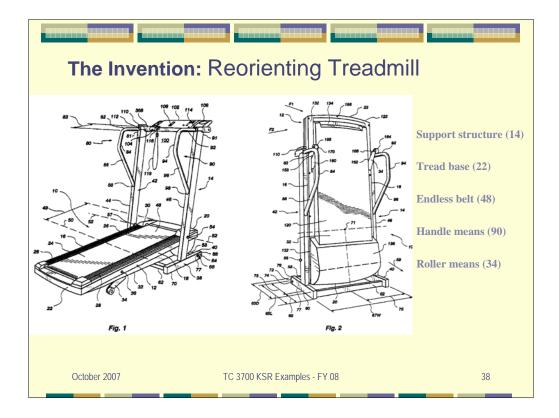


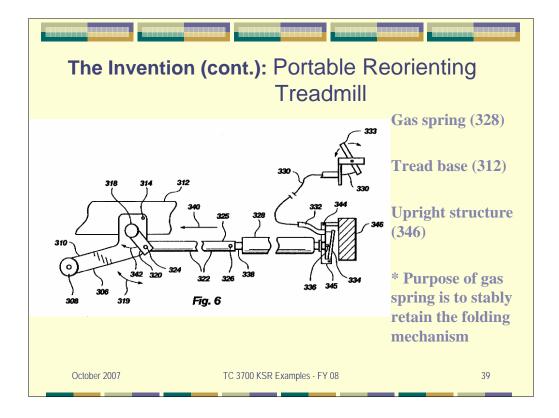


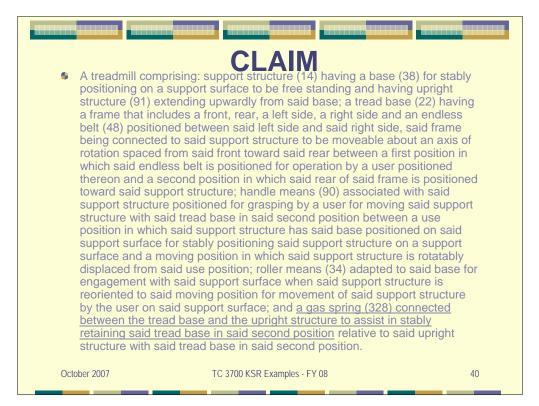
A1: Where "[an application] claims a structure already known in the prior art that is altered by the mere substitution of one element for another known in the field, the combination must do more than yield a predictable result," *KSR*, 550 U.S. \_\_, 82 USPQ2d 1385 (2007). (citing *United States v. Adams*, 383 U.S. 50-51, 148 USPQ 479, 483 (1966)).

A2: Adding bioauthentication to the Nakano device does no more to Nakano's device than it would do if it were added to any other device. The function remains the same. Predictably, bioauthentication adds greater security and reliability to an authorization process. This variation on Nakano's device, whereby manual authentication is replaced by Harada's bioauthentication means, appears to present no unexpected technological advances in the art and has a reasonable expectation of success.

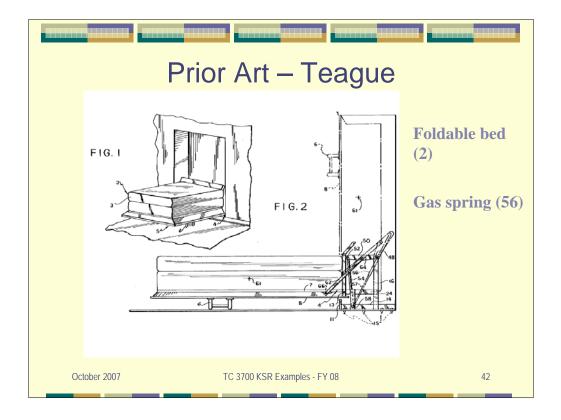




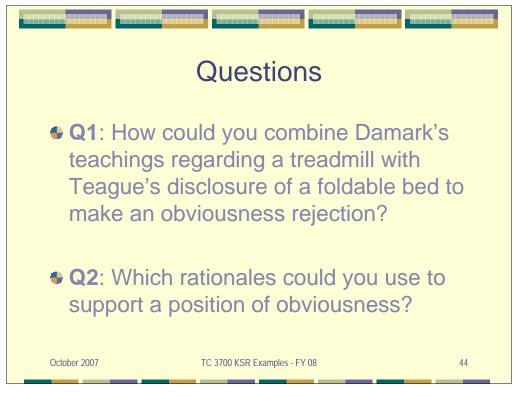










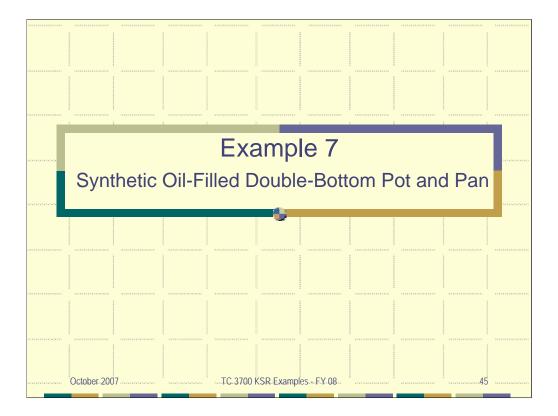


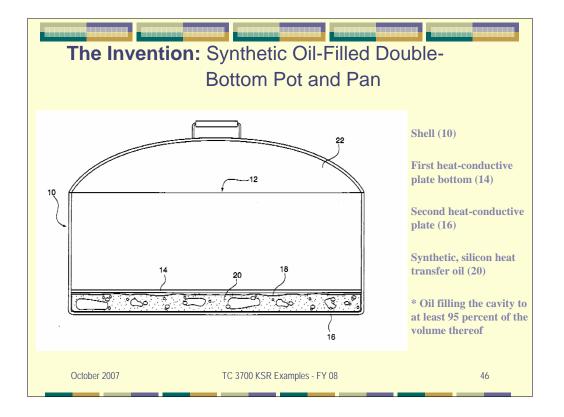
A1: Teague (bed) and the current application both <u>address the</u> <u>need to stably retain a folding mechanism</u> and therefore <u>reasonably pertinent to solving the same problem as in the</u> <u>current application</u>.

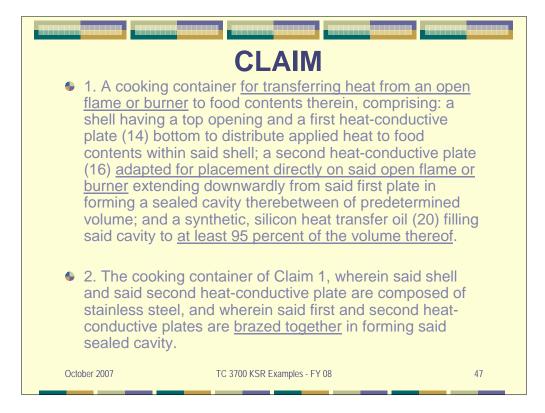
If reasonably pertinent to the problem addressed by the instant application, Teague may serve as analogous art.

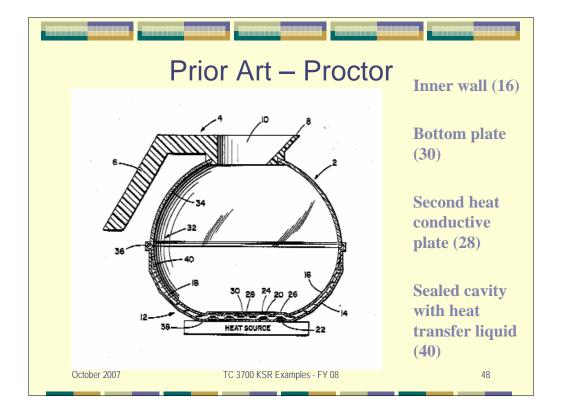
From KSR: "familiar items may have obvious uses beyond their primary purposes." 550 U.S. \_\_\_, 82 USPQ2d 1385 (2007). Analogous art to the current application, when considering the folding mechanism and gas spring limitation, might come from any area describing hinges, springs, latches, counterweights or other similar mechanisms – such as the folding bed in Teauge.

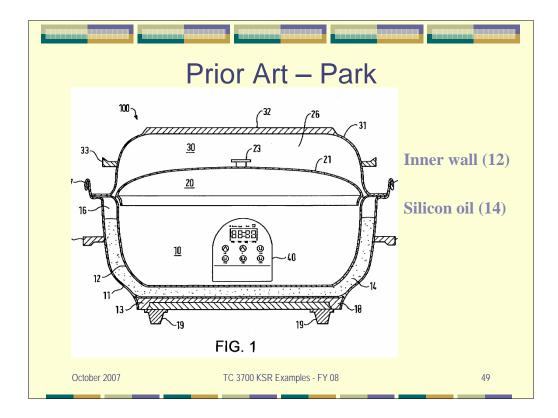
A2: Combining familiar elements according to known methods to yield predictable results is a rationale which could be used to support the obviousness of the claimed invention.

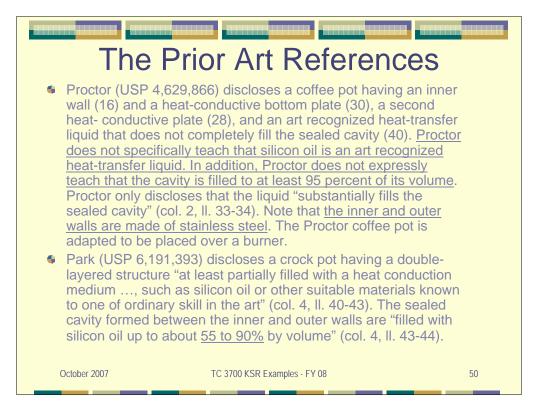


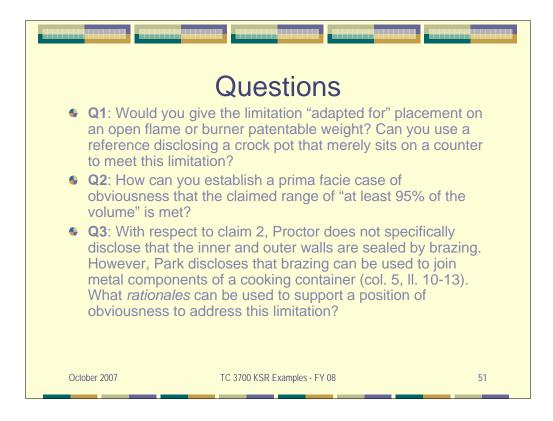








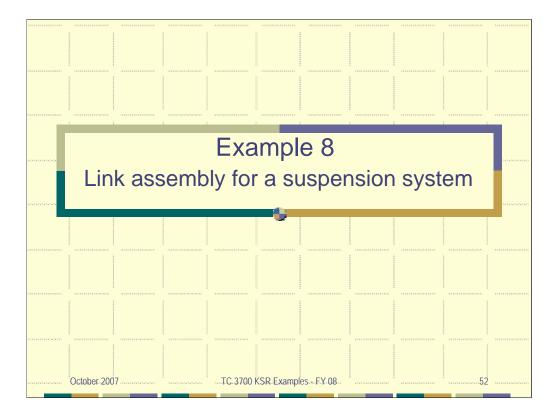


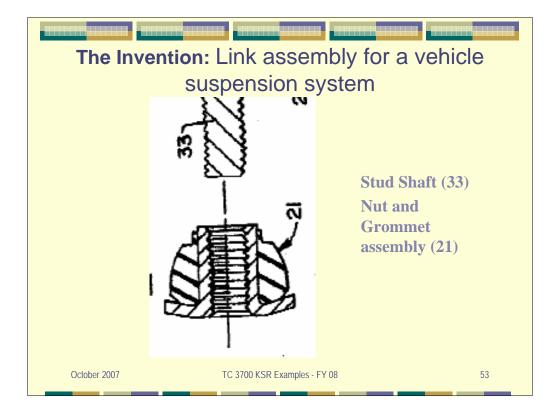


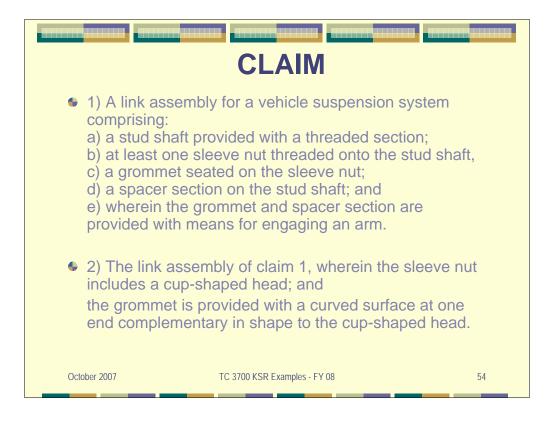
A1: The phrase adapted for placement directly on an open flame or burner is a positive structural limitation, not merely a description of the intended use of the claimed invention. A crock pot would not meet this limitation because it is not capable of being placed on an open flame or burner.

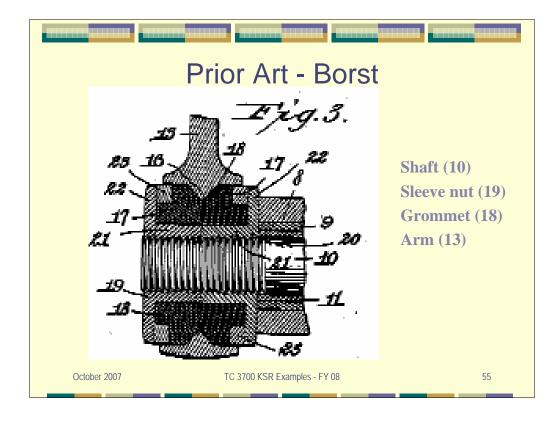
**A2**: Both Proctor and Park teach a cavity that is "at least partially," e.g. 55-90% (Park), or "substantially"/"not completely" (Proctor). The evidence establishes that the volume of heat-transfer material inserted into the sealed cavity is within the range of from about 55% to something less than 100% of the volume of the sealed cavity. Therefore, "Determining where in a disclosed set of percentage ranges the optimum combination of percentage lies is prima facie obvious." *In re Peterson*, 65 USPQ2d 1379 (Fed. Cir. 2003), *In re Geisler*, 43 USPQ2d 1362 (Fed. Cir. 1997). See also *In re Aller*, 105 USPQ 233 (C.C.P.A 1955), for optimization of ranges.

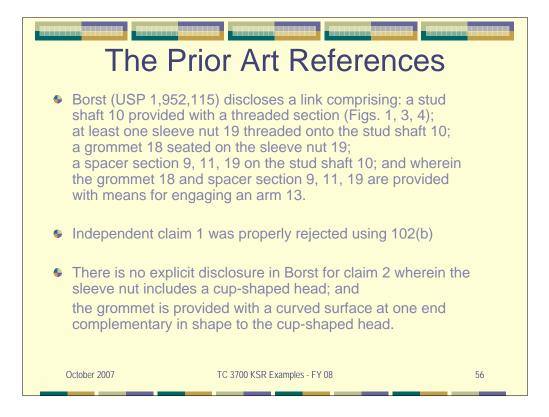
A3: "Obvious to Try" - - There are a number of choices available to a person of ordinary skill in the art for joining two metals, e.g., stainless steel (The Board used official notice to find that other joining methods would be known to one of ordinary skill in the art). Therefore, "When there is a design need or market pressure to solve a problem and there are a finite number of identified, predictable solutions, a person of ordinary skill has good reason to pursue the known options within his or her technical grasp. If this leads to the anticipated success, it is likely the product not of innovation but of ordinary skill and common sense. In that instance the fact that a combination was obvious to try might show that it was obvious under 103" *KSR Int'l Co. v. Teleflex, Inc.*, 550 U.S. \_\_, 82 USPQ2d 1385 (2007).

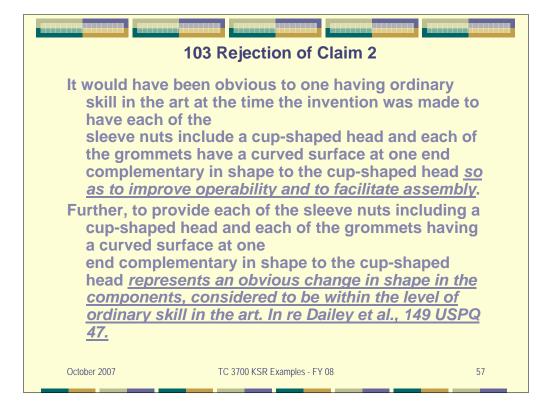


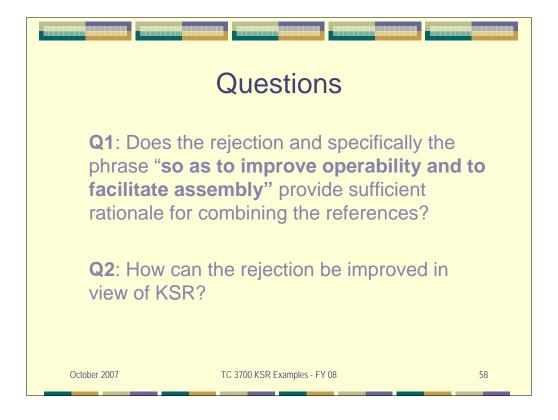








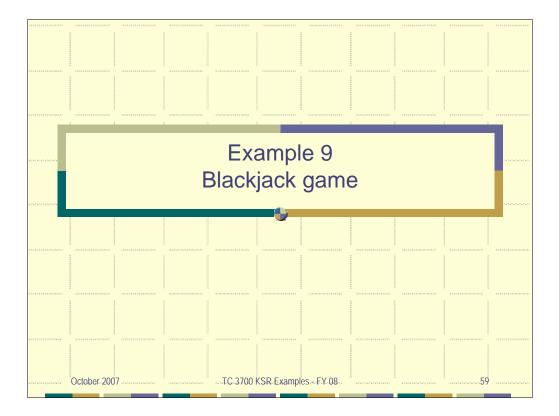




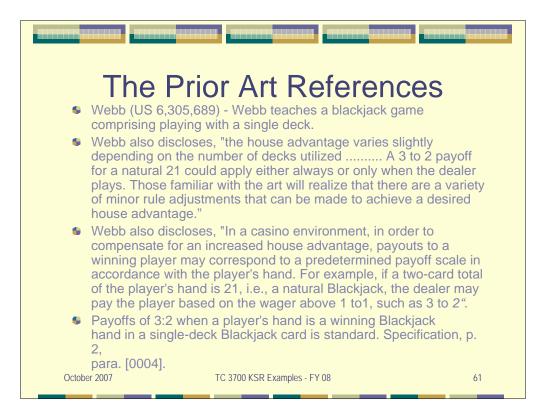
A1: Rejections on obviousness grounds cannot be sustained by mere conclusory statements; instead, there must be some articulated reasoning with some rational underpinning to support the legal conclusion of obviousness.

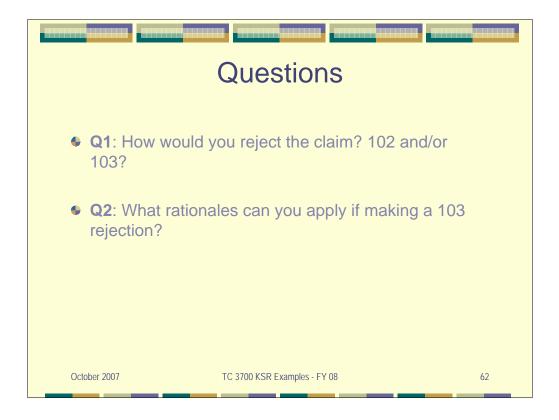
A2: A basis for the assertion that by modifying the sleeve nut as claimed, "it would improve operability and facilitate assembly" must be provided.

Such basis may be provided in the form of interrelated teachings of multiple patents; the effects of demands known to the design community or present in the marketplace; or the background knowledge possessed by a person having ordinary skill in the art.









A1: The payoff of 6:5 is not not explicitly disclosed so only a 103 rejection can be made.

A2: The prior art provided teaches that a payoff of anything above 1 to 1 to a player having a natural Blackjack is known in the art. In view of the teachings it would have been obvious to modify Webb's Blackjack rules by providing a payoff of anything above 1 to 1 (e.g. 6:5, 7:5, 7:6, 5:4, etc.) to a player having a natural Blackjack.

Determining exactly what payoff odds (e.g. 6:5, 7:5, 7:6, 5:4, etc.) to pay a player having a natural Blackjack is a casino business decision dependent on players' appeal for the game and desired house advantage, which is obvious in the art.