

APPENDIX 3  
PTX 467

**From:** XU, Yongsheng  
**To:** Good, Mark D. (Industrial Designer); Broadaway, Eric; MCDONNELL, MATTHEW  
**CC:** Pope, Barry; Li, Peng; Lowe, Jill; Fu, Zhihong; Wu, Junyi; Miles-Losapio, Jennifer; List, Brian  
**Sent:** 3/18/2012 10:51:07 PM  
**Subject:** RE: plier wrench handle grip design  
**Attachments:** bw-new\_assembly\_asm.stp; image001.gif; image002.gif

Mark,

Attached is a STEP file export from ProE.

I hope you can use it; let me know if you have other requirement.

Thanks,

Xu, Yongsheng

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Fax: 8621-54406740

From: Good, Mark D. (Industrial Designer) [mailto:Mark.Good@kcdbrands.com]  
Sent: Saturday, March 17, 2012 12:24 PM  
To: Broadaway, Eric; MCDONNELL, MATTHEW  
Cc: Pope, Barry; Li, Peng; Lowe, Jill; Fu, Zhihong; XU, Yongsheng; Wu, Junyi; Miles-Losapio, Jennifer; List, Brian  
Subject: RE: plier wrench handle grip design

Hi Eric,

First off, thanks so much for providing a CAD file, it's a big help.

I believe I will be able to begin next week with some rough ideas/sketches.

If you could have your team turn the sketches into CAD like we did on the Uni M-A Multi-driver, that would be great.

I will meet with Matt to discuss the project further next week.

Mark Good

Manager Industrial Design

CRAFTSMAN

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LoggerHead Tools, LLC v.  
Apex Tool Group, LLC and  
Sears Holding Corporation  
Case No. 1:12-cv-9033

**PTX467**

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From: Broadaway, Eric [mailto:Eric.Broadaway@apextoolgroup.com]  
Sent: Thursday, March 15, 2012 1:38 AM  
To: MCDONNELL, MATTHEW; Good, Mark D. (Industrial Designer)  
Cc: Pope, Barry; Li, Peng; Lowe, Jill; Fu, Zhihong; XU, Yongsheng; Wu, Junyi; Miles-Losapio, Jennifer; List, Brian  
Subject: plier wrench handle grip design

Hello Matt. We have made some good progress on the plier style wrench for Craftsman. Attached is a model of the design that should not infringe upon the Brown patents for the Loggerhead tools. The jaws or plungers are not the u-shape design of Brown. With our design the radial slots that actuate the plungers are visible on the outer plates of the tool as you can see from the picture. We could cover these if Craftsman does not like the visible guide slot appearance. This would add some cost and not sure if you felt there was any aesthetic benefit to that?

Also we need a name for this tool. Could you research that or give us some direction on naming the tool?

We have some ideas for the locking feature you have requested. We must run some FEA analysis on a few design options to confirm what will work, but we believe we can add that feature relatively easily. We should be able to share those concepts with you late next week. We are hoping to have first prototypes by 15-Apr to verify the strength of the tool is adequate. If we can complete a design that meets all of Craftsman's requirements for this tool by 1-May we are hoping to make production in time for Q4. But there are too many unknowns to promise we can do that yet.

Mark, I know you have been working on the industrial design for the eclipse multi-tool and the lighted adjustable wrench. I also would very much like industrial design guidance on this tool (attached). We are planning to have injection molded dual material handles for the Craftsman brand tool. This would be a key element we would want your guidance on. Are you able to finish your recommended designs of the multi-tool and lighted adjustable this week? If so would you be able to start this design work next? We will be working on prototypes for testing the strength of our design concepts verses the Loggerhead design over the next 10-days and would like to have your design recommendations by that time if possible.

Thanks, Eric

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