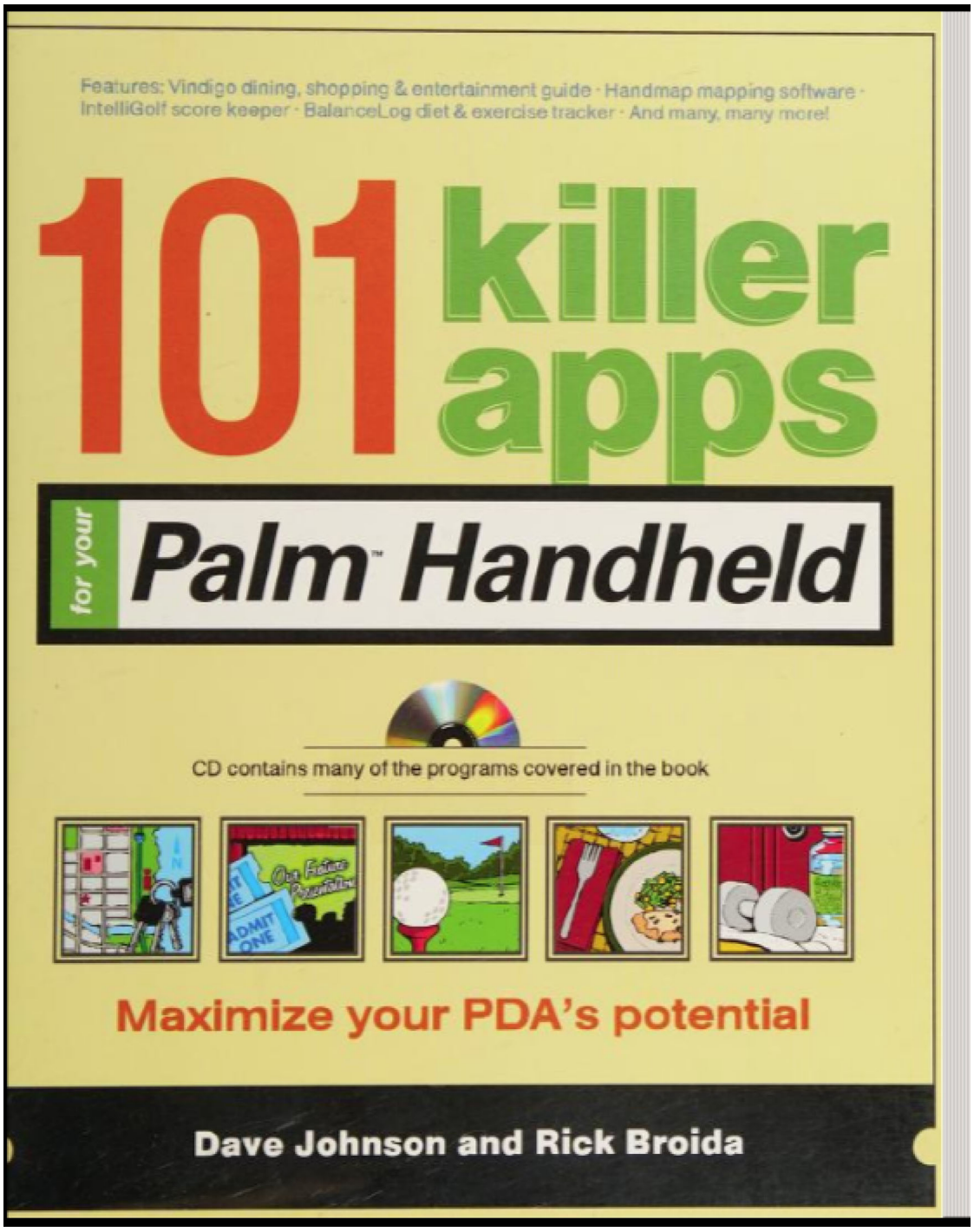
EXHIBIT 1019


Features: Vindigo dining, shopping & entertainment guide · Handmap mapping software · IntelliGolf score keeper · BalanceLog diet & exercise tracker · And many, many more!
101 killer apps
for your Palm™ Handheld
CD contains many of the programs covered in the book
Maximize your PDA's potential
Dave Johnson and Rick Broida

When you first start Star Pilot Plus, you'll see a screen like this one:

Killer Tip *For best results, you'll want to turn on the color magnitude display. Choose Options | Magnitudes from the menu and tap Color Objects, then tap OK.*

Also notice the tools in the lower-left corner of the screen. You can zoom in for a better view by tapping the magnifying glass or use the crosshair tool to find out information about a specific celestial body by tapping directly on it.

FIND IT ON THE CD
Star Pilot Plus, $19.95
Star Pilot Technologies
www.star-pilot.com

24 TealAuto

Manage Your Motorcoach

If you're like us, you track your oil changes in only the vaguest of terms—"Did I change the oil this year yet?" you wonder. What's the fuel efficiency of the car? Somewhere between 10 and 30 miles per gallon, no doubt. At least, that was the way we used to be before we started using our PDA as a powerful automotive manager.

There are a number of auto management programs around, but we think that TealAuto is the most elegant and complete automotive database we've seen. It has a smart and colorful interface with easy-to-use tabs for tracking fuel efficiency, business trips, and the full gamut of maintenance and service. TealAuto is highly customizable; you can create a custom service schedule for your car as well as enter personalized entries in the program's many databases—that's handy for selecting details like local gas stations, preferred fuel grades, and specific maintenance items from pick lists.

TealAuto lets you track multiple vehicles, export reports to your PC, and it even has a clever "meter minder" alarm so you can avoid costly parking tickets. The only thing it doesn't do is change the oil; you'll have to do that yourself.

Here you can see the program's main interface:

The tabs—buttons, actually—at the top right of the screen switch you among the program's many modes. Start with tracking your fuel stops. If you remember to enter how much gas you put in your car every time you fill up, you'll get a precise reading of your fuel efficiency, which should stay steady over time.

If your efficiency goes down suddenly, that's an indication there's something wrong with your car. So using TealAuto for just a few moments a week can save you money on auto maintenance in the long run.

FIND IT ON THE CD

TealAuto, $16.95
TealPoint Software
www.tealpoint.com

FIND IT ON THE CD
Pocket Cook Deluxe, $19.95
The Electronic Frontier, Ltd.
www.pocket-cook.com

28 TealPaint

Paint a Pretty Picture

You're probably wondering why you might want to paint on a handheld computer so small that it fits in your pocket. Well, in the world of computers, the answer is often "because you can." Programmers have never let something as silly as a technical limitation get in the way of doing something, so when PDAs first came out, programmers seemed to scramble to become the first to create a paint program for their favorite handheld PC.

But, aside from that admittedly flippant answer, the capability to sketch things out on your Palm is a handy feature. You can draw a map to sketch the way to lunch, outline a process, or design a flowchart. You can also just doodle—use the PDA as a high-tech Etch a Sketch for those boring times when you're waiting for the train or pretending to take notes in a meeting. Perhaps most importantly, you can draw on top of pictures you've stored on your Palm, giving you the ability to annotate images and add captions.

Believe it or not, a variety of painting and drawing applications are available for the Palm. Indeed, if you're an adventurous sort of person, search the archives of a software web site like www.palmgear.com for painting programs, and you'll be amazed by what you find. Nonetheless, our hands-down favorite is a program called TealPaint, from TealPoint Software:

Certainly the most full-featured paint program for the Palm, TealPaint pretty much does it all. The program has a complete set of painting tools, including lines, shapes, fill tools, an eraser, and a variety of brushes. The program starts you in this screen, which displays thumbnail images of your pictures and lets you view, edit, or animate them. Using TealPaint, you can copy and paste selections of your image, not just within the same picture, but in any picture in your database.

TealPaint is also an animation tool. Yes, you can use TealPaint to create animations by playing all the images in a particular database in sequence. To create a simple bouncing ball, for instance, make a series of images in which the ball moves a bit in each successive image. Then tap the Anim button and tap the first picture in your series.

Painting on your Palm is fun and can possibly be productive, but you need to remember a couple of limitations. Palm models vary in resolution from 160×160 pixels all the way up to 480×320 pixels. The more pixels you have, the better, but even the highest-resolution devices don't give you a lot of room in which to draw. After your images are transferred to a PC, you'll find that they're still quite small. So, drawing something on the PDA you later plan to export to, say, a PowerPoint presentation, generally isn't a practical plan.

And even more important, few paint programs support printing directly from the Palm, and not all even let you transfer completed art back to the PC. That means, in some cases, what you draw on the screen pretty much stays on the screen. If you *can* print your work of art, it'll print just as rough and jagged on paper as it looked onscreen.

FIND IT ON THE CD

TealPaint, $17.95
TealPoint Software
www.tealpoint.com