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All Classifieds	Intriguing ideas from two young	
<ul><li>Create an Ad</li><li>Find an Ad</li><li>Pets</li></ul>	researchers	
<ul><li>Dating</li></ul>	By Mike Langberg Mercury News	
News	What if we could have a single device, the size of a pack of playing cards, that	Authorized and Paid for by
<ul> <li>Education</li> <li>Obituaries</li> <li>Health / Science</li> </ul>	as a cell phone, car key, iPod, garage door opener, credit card and TV remote? Or how about jumping from one Web page to another just by gazing directly at	Not authorized by any candidate
Please / Science     Opinion     Columnists	screen, then pushing a button on the keyboard? These are the two most intriguing ideas I encountered Monday at a conference	a called
Business <ul> <li>Technology</li> </ul>	New Paradigms for Using Computers, held every year at IBM's Almaden Reservence of the hills above South San Jose.	
Sports Entertainment • Events	The conference, which this year drew a crowd of about 250 academics and oth thinkers, is always several years ahead of the real world.	her deep Join Today
Life & Style • Travel	Most of the daylong event was devoted to speeches delivered in a big auditorio year's speakers chewed over a familiar theme: The Internet changes everythin	John Bernhort John Meering S
Special reports	The real excitement was out in the hallway, where graduate students and youn researchers set up tables and posters to present their visions of the future.	STRAIGHT TALK AMERICA
ONLINE EXTRAS Newspaper Ads Online	researcners set up tables and posters to present their visions of the future. John Varghese, a 35-year-old manager at IBM's engineering services group in	
Blogs	Burlingame, had prepared a detailed description of an all-in-one device he calle	
Podcasts Photo / Video	``Lil'me," as in ``Little Me."	
RSS Feeds	Lil'me would be wireless, with a color screen and wireless ear buds that pop ou	ut of the
Discussion Boards	unit's back when needed. There would also be flash memory for data storage a	and a MORE NEWS FROM TOPIX.NET
Traffic Reports	powerful processor.	Interface
Weather	For starters, Lil'me would be a voice and video phone. It would also be a music	
Past articles	that retrieves new music without being connected to a computer, and could be programmed to open any compatible electronic lock on cars, homes or offices.	
Newsletters		• Electronic
Coupons Today's Front Page	Using built-in global positioning system, Lil'me could help its owner navigate. If accidentally dropped or lost, Lil'me could transmit its location until found.	Computers     IT Services
SITE SERVICES	Lil'me could also store credit-card information, and would transmit that informat	
Maps & Directions	wirelessly to cash registers. The device would even deliver instructions, such a gas pump whether your car needs regular or premium gasoline.	• Discuss Electronics
Yellow Pages	gas pump whether your car needs regular or premium gasoline.	
Contact Us	At home, Lil'me would be a remote control for TVs and other home entertainme	ent
Feedback	equipment.	
Site Map	Lil'me would use fingerprints, voice prints or scanning of the retina to verify that	t it is in the
FAQ	possession of its owner, reducing the risk of identity theft.	
Advertise	Most of the technology required for Lil'me exists today. Already, cell phones ha	ive
Print Services Mercury News Jobs	morphed from handling just voice calls to supporting text messages, e-mail, We browsing and shooting photos.	eb
Buy Photos Ethics Policy	Varghese, with the optimism common at these conferences, believes devices s Lil'me will be available within two years.	such as
	Manu Kumar, a 31-year-old graduate student in computer science at Stanford was demonstrating a concept Monday he called Gaze-enhanced User Interface	
	or GUIDe.	
SiliconValley.com	Sitting me down in front of a special computer monitor with a built-in camera, K very brief training session where I followed a yellow dot around the screen with	
Display ads from the Mercury News Sales and specials	somewhat like eye exams that test peripheral vision. After completing this calibration, I could look at a spot on the screen, push a but the keyboard, and a magnified view of that small section would pop up. Looking	
from local stores E-mail Alerts !	in the magnified area and releasing the button, the Web browser would jump to I'd selected with my eyes.	-
Featured Advertisers: • Fry's • Gold's Gym	``My hypothesis is that it will be easier and faster than using a mouse," Kumar eye-tracking research. After my brief test, I'm inclined to agree.	said of his
<ul> <li>Macy's</li> <li>Click to see all ads</li> </ul>	The mouse would still be necessary for complex tasks such as drawing lines of screen, but Kumar believes eye-tracking could substitute for routine duty such browsing and switching between applications.	
Freelance Authors Legal Settlement Attention Freelance	Eye tracking is already used in research, such as figuring out what parts of a pl people look at first, and to assist the disabled. But these systems are expensive difficult to operate.	
Writers: Click for Copyright Class Action Settlement Info		

