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in just t	the right places.	Simply dumped into	a liquid, the comp	onents should settle do	wn into the blank device like sand onto	a riverbed,	
"That's	what we tried for at			to assemble these colled the research, as sa	mponents with high yield - gravity wasni ving.	't working,"	More from this section
"Then	we thought if we cou		into a two-dimension		ve some kind of conveyor belt-like syste	em we	 Global warming making trees grow in 200 years Sharing comes naturally to 'Peter P
				tte- they built their two-	dimensional sheets at the border betwe	een oil and	Now, non-toxic spray that protects a against dirt, bacteria
	rst built a device bla	nk as before, with de	pressions lined with	h low-temperature sold	er, designed for individual solar cell eler	ments.	Coffee, green tea may slow brain ca Coffee, green tea may slow brain ca
Next the		ments - each a silico	n and gold stack a	few tens of millionths o	f a metre across - and put different coat	tings on	Chinese scientists discover male in
On the	silicon side, they pu	t a hydrophobic mole	ecule, one that has	a strong tendency to e	vade contact with water.		
On the	gold side, they put a	a hydrophilic molecul	e, which has the co	onverse tendency to se	ek out water.		
		the oil- and water-bant the right direction t			neet" of the elements could be made to	"float"	
				gh the boundary and d ttracts its gold contact.	raw it back slowly- the sheet of element	ts rides up	
The tea	am made a working	device comprising 64	1,000 elements in ju	ust three minutes.			
And no	w, the team is inves	tigating just how sma	all they can go in te	rms of individual eleme	nts, or how large they can go in finished	d devices.	
	proach should also aging applications.	work for almost any i	material, stiff or flex	ible, plastic, metal or se	emiconductor - a promising fact for futur	re display	
The stu	udy has been publish	ned in Proceedings o	f the National Acad	lemy of Sciences. (ANI)		
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