

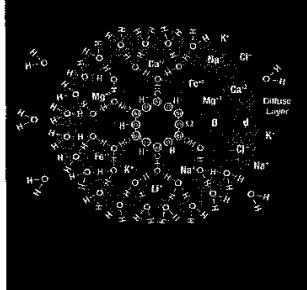
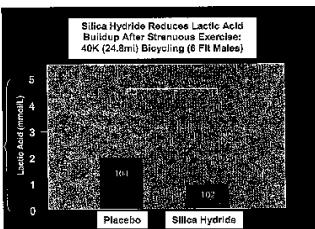
**Silica-Water Interface**Figure 1  
PRIOR ART

Figure 2

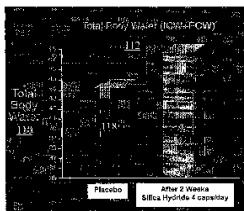


Figure 3

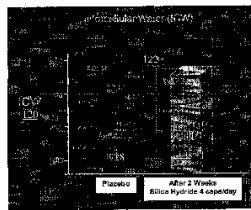


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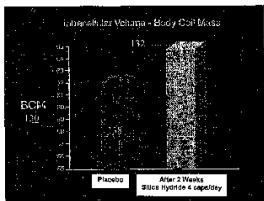
**Drawing pages of US2003190374 A1**

Figure 5

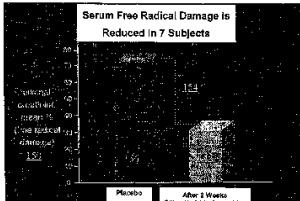


Figure 7

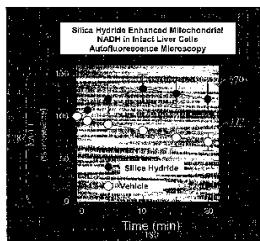


Figure 9

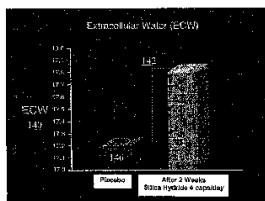


Figure 6

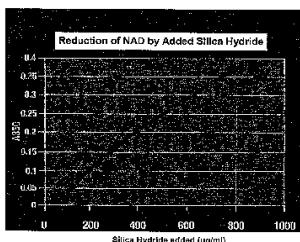


Figure 8

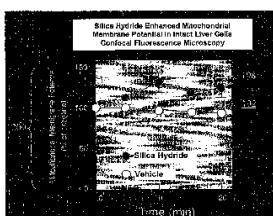


Figure 10

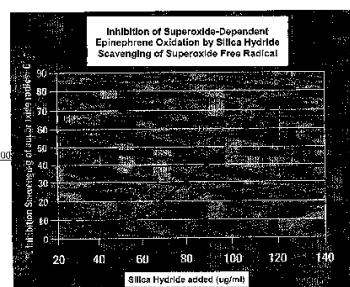


Figure 11

| Liquids   | Range of pH | Range of ORP*          |
|---|-------------|------------------------|
| Tap Water   | 6 - 6.5     | +250 to +600 mV → 242  |
| Tap Water + 250 mg/l Silica Hydride               | 9 - 10      | -300 mV - 630 mV → 244 |
| 12 brands of Bottled Water                        | 6.4 - 8.2   | +60 mV + 490 mV → 240  |
| 12 brands Bottled Water + 250 mg/l Silica Hydride | 9.2 - 9.8   | -300 mV - 630 mV → 246 |

Figure 12

| ORP COMPARISON OF ANTIOXIDANTS    |       |            |
|-----------------------------------|-------|------------|
| Liquid                            | pH    | ORP*       |
| Silica Hydride 250 mg/l oz @1 hr. | 9.5   | +500 → 248 |
| Orange Juice                      | 3.54  | +191       |
| Ecole - Cec (RBC)                 | 5.80  | -31        |
| Phytocaps Microclusters (KBC)     | 9.00  | -56        |
| Coral Calcium                     | 10.30 | -112       |
| Organic Carrot Juice              | 6.56  | -120       |
| Pomegranate (50 mg)               | 4.20  | +145       |
| Green Tea (few bags)              | 6.00  | +65        |
| CoQ 10 (30 mg)                    | 6.20  | +49        |
| Organic Lemon Juice               | 2.19  | +77        |
| Vitamin C (500 mg)                | 4.50  | +47        |
| Wheat Grass                       | 6.20  | +36        |

Figure 13

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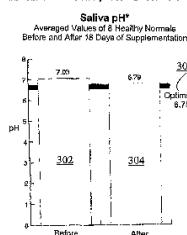


Figure 14

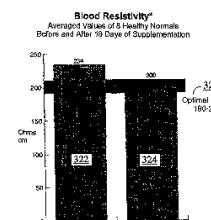


Figure 16

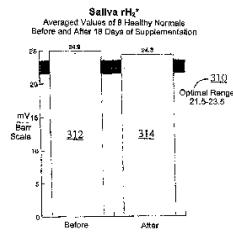


Figure 15

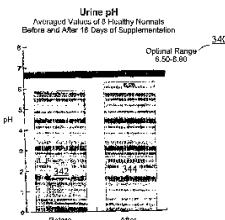


Figure 18

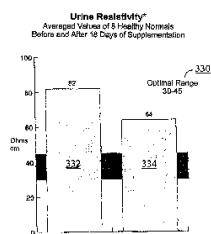


Figure 17

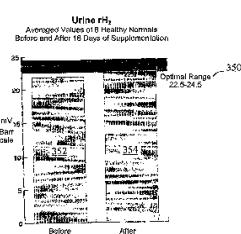


Figure 19

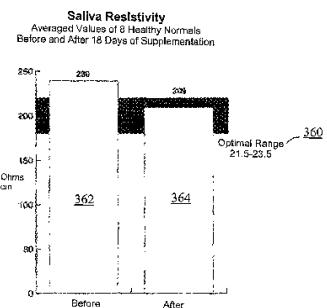


Figure 20

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