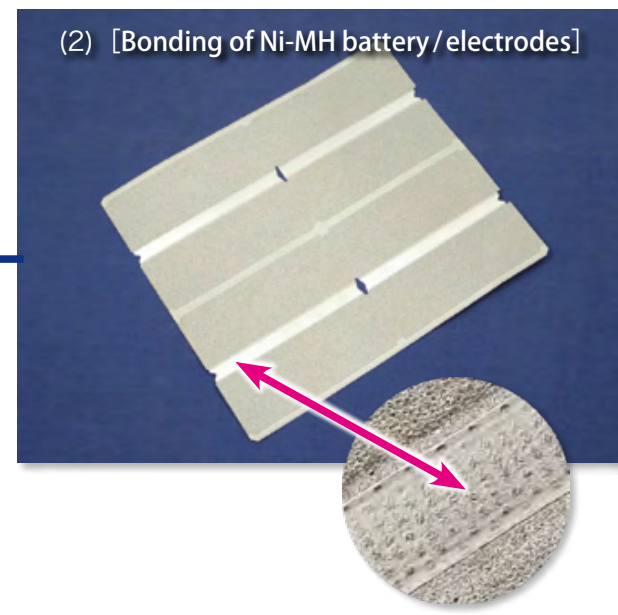
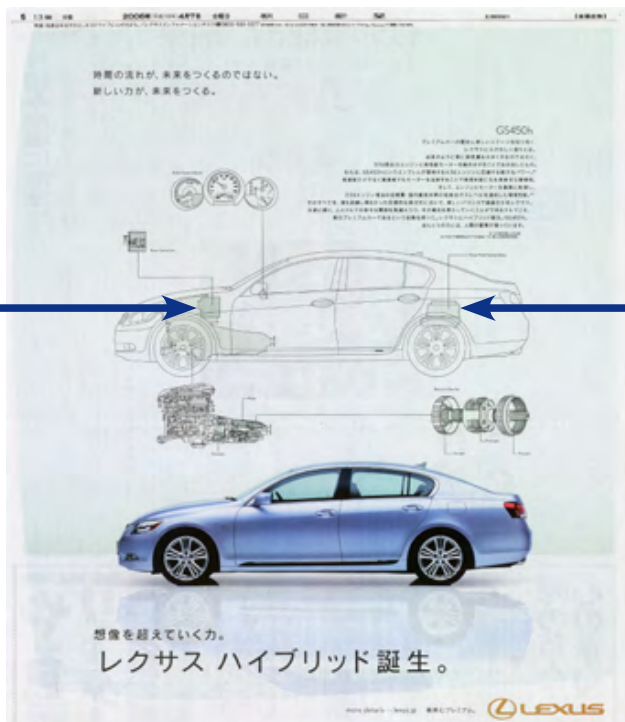
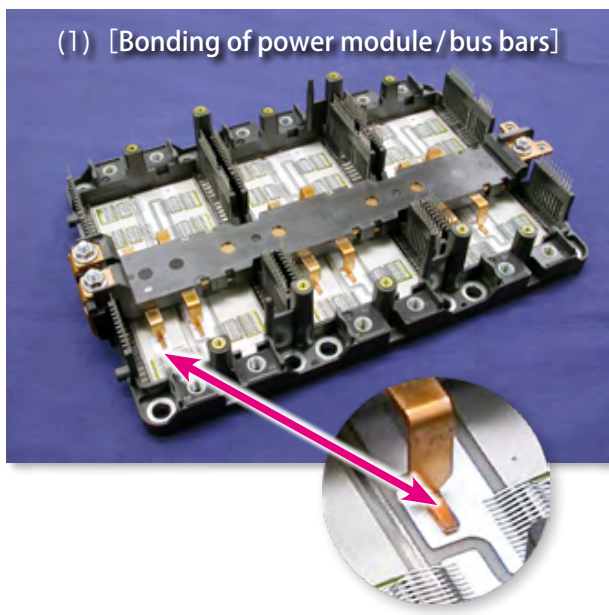


SoundBonding Application

ULTEX's Bonding technologies for HV

〈Bonding technology of [Power module and Battery] used in LEXUS 450h〉



The first hybrid cars (GS450h) for LEXUS were released in Mar.2006 and Ultext's **【Metal bonding technology】** was adopted in assembly of these two applications.

- (1) **【Power module】** : Bus bars are bonded to a Ceramic circuit substrate with SoundBonding technology. 〈The world's first applications for automobiles〉
- (2) **【Ni-MH battery】** : Nickel electrodes are bonded to a substrate which consists of active materials continuously with SoundRotary technology.

Ultext's bonding technology has been adopted since the first PRIUS were produced and our technology contributes to the production of almost hybrid cars as only one technology now.