Quote:
Does not help, MySQL does not have sequences.
Frankly, this is troublesome problem with many dead ends...

I said add not replace :
int GetInsertedId() - for database with autoincrement fields
int GetInsertedId(const char* s) - for database with sequences

or just current GetInsertedId could be replaced with

int GetInsertedId(const char* s = NULL)

if sequence name is null it returns last valid inserted id (of course for databases which supports this way).

This do not solve assist problem - you have to know what getinsertedid to use for your database.