

```
Eigen::internal::gemm  
_blocking_space< StorageOrder,  
_LhsScalar, _RhsScalar, MaxRows,  
_MaxCols, _MaxDepth, KcFactor,  
false >::allocateA
```

```
Eigen::internal::gemm  
_blocking_space< StorageOrder,  
_LhsScalar, _RhsScalar, MaxRows,  
_MaxCols, _MaxDepth, KcFactor,  
false >::allocateB
```

The diagram consists of two white rectangular boxes on the left, each containing a line of Eigen C++ code. Two blue arrows originate from the right side of these boxes and point towards a single gray rectangular box on the right. The top arrow points from the 'allocateA' function call in the first box to the 'aligned_new' function. The bottom arrow points from the 'allocateB' function call in the second box to the same 'aligned_new' function. This illustrates that both allocation functions internally utilize the 'aligned_new' function.

```
Eigen::internal::aligned_new
```