

## WATCHMAKER









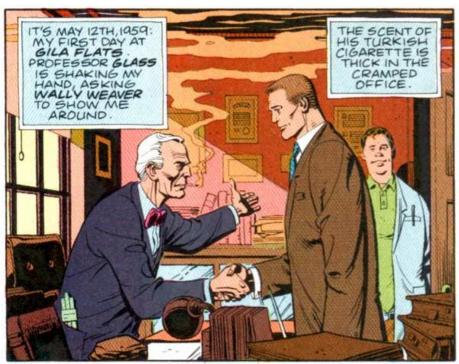


















































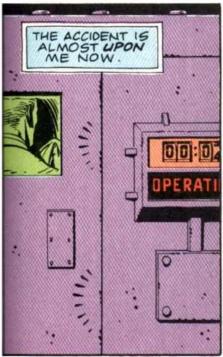


















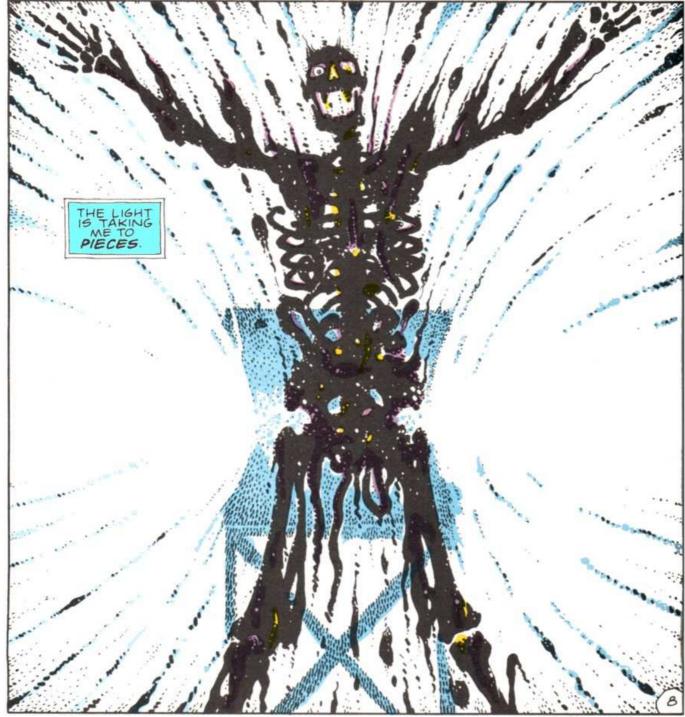


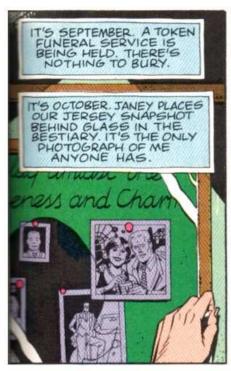






























































































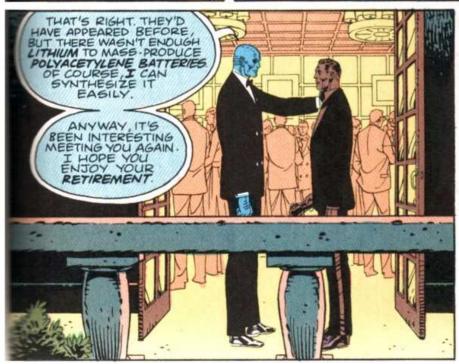




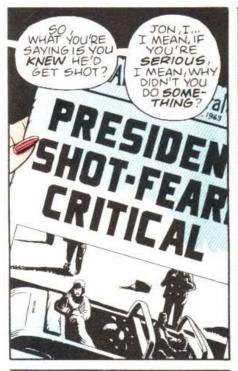






























































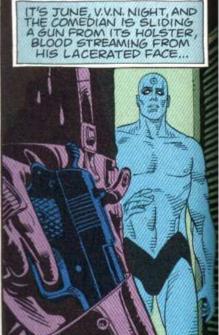
















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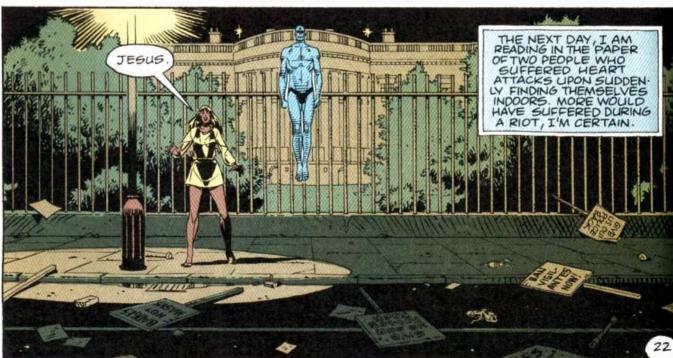




















































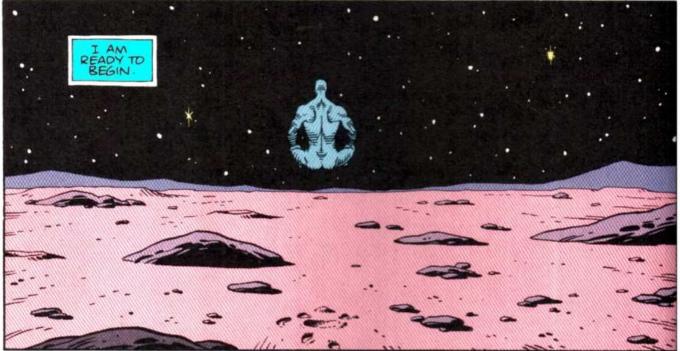








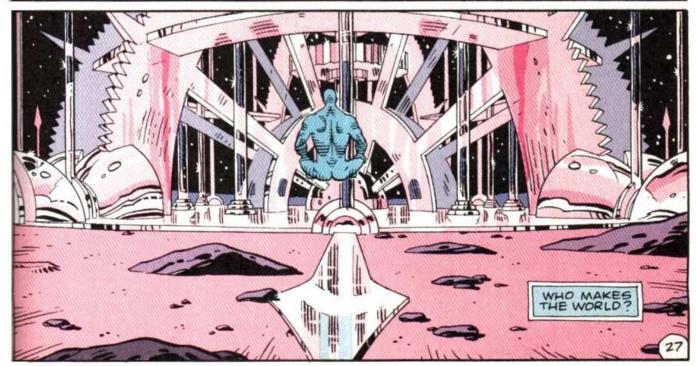


















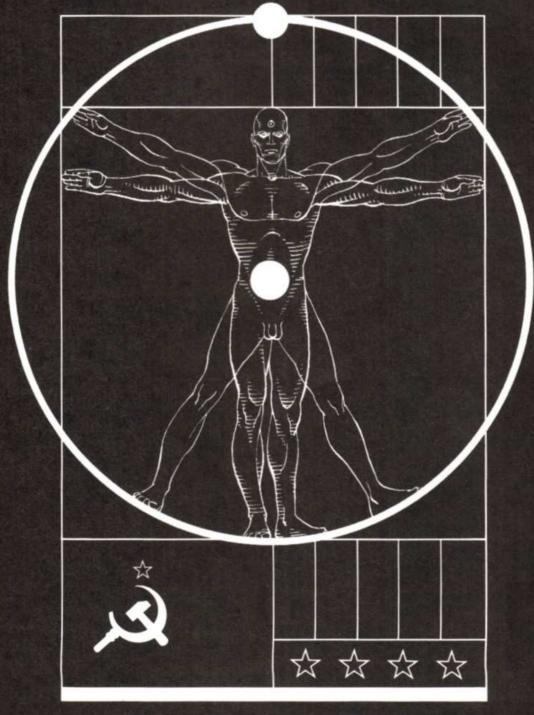




The release of atom power has changed everything except our way of thinking... The solution to this problem lies in the heart of mankind. If only I had known, I should have become a watchmaker. — Albert Einstein



## DR. MANHATTAN: SUPER-POWERS AND THE SUPERPOWERS



BY PROFESSOR MILTON GLASS

## Introduction

For those of us who delight in such things, the twentieth century has, in its unfolding, presented mankind with an array of behavioral paradoxes and moral conundrums hitherto unimagined and perhaps unimaginable. Science, traditional enemy of mysticism and religion, has taken on a growing understanding that the model of the universe suggested by quantum physics differs very little from the universe that Taoists and other mystics have existed in for centuries. Large numbers of young people, raised in rigidly structured and industrially oriented cultures, violently reject industrialism and seek instead some modified version of the agricultural lifestyle that their forebears (debatably) enjoyed, including extended communal families and in some instances a barter economy in miniature. Children starve while boots costing many thousands of dollars leave their mark upon the surface of the moon. We have labored long to build a heaven, only to find it populated with horrors.

It is the oldest ironies that are still the most satisfying: man, when preparing for bloody war, will orate loudly and most eloquently in the name of peace. This dichotomy is not an invention of the twentieth century, yet it is in this century that the most striking examples of the phenomena have appeared. Never before has man pursued global harmony more vocally while amassing stockpiles of weapons so devastating in their effect. The second world war—we were told—was The War To End Wars. The development of the atomic bomb is the Weapon To End Wars.

And yet wars continue. Currently, no nation on this planet is not involved in some form of armed struggle, if not against its neighbors then against internal forces. Furthermore, as ever-escalating amounts of money are poured into the pursuit of the specific weapon or conflict that will bring lasting peace, the drain on our economies creates a rundown urban landscape where crime flourishes and people are concerned less with national security than with the simple personal security needed to stop at the store late at night for a quart of milk without being mugged. The places we struggled so viciously to keep safe are becoming increasingly dangerous. The wars to end wars, the weapons to end wars, these things have failed us.

Now we have a man to end wars.

Since my association with Dr. Jonathan Osterman and the being he eventually became are well documented elsewhere, I feel I need only recap them briefly here. In 1959, in an accident that was certainly unplanned and just as certainly unrepeatable, a young American man was completely disintegrated, at least in a physical sense. Despite the absence of a body, a form of electromagnetic pattern resembling consciousness survived, and was able, in time, to rebuild an approximation of the body it had lost.

Perhaps in the process of reconstructing its corporeal form, this new and wholly original entity achieved a complete mastery of all matter; able to shape reality by the manipulation of its basic building blocks. When news of this being's phenomenal genesis was first released to the world, a certain phrase was used that has—at varying times—been attributed both to me and to others. On the newsflashes coming over our tvs on that fateful night, one sentence was repeated over and over again: 'The superman exists and he's American.'

I never said that, although I do recall saying something similar to a persistent reporter who would not leave without a quote. I presume the remark was edited or toned down so as not to offend public sensibilities; in any event, I never said 'The superman exists and he's American'. What I said was 'God exists and he's American'. If that statement starts to chill you after a couple of moments' consideration, then don't be alarmed. A feeling of intense and crushing religious terror at the concept indicates only that you are still sane.

Since the mid-1960s, when the dazed and numbed mass consciousness first began to comprehend the significance of this new life form in humanity's midst, the political balance has changed drastically. Many people in this country feel that this is for the best. America's unquestioned military supremacy has also provided us with a certain economic leverage where we can dictate the economic policies of the western world and direct them to our advantage. There is little wonder, then, that the idea of a world run by an omnipotent God-King owing allegiance to the United States seems eminently desirable. By placing our superhuman benefactor in the position of a walking nuclear deterrent, it is assumed we have finally guaranteed lasting peace on earth. It is with this last contention that my most serious point of issue lies: I do not believe that we have a man to end wars.

I believe that we have made a man to end worlds.

The assumption that America's opponents are powerless before Dr. Manhattan, while comforting, begins to fail before closer examination. As I understand current Pentagon thinking, the conventional wisdom suggests that when faced with an insoluble problem, the Soviet Union will have no other option than acceptance of a loss of world influence culminating in its eventual defeat. It has been demonstrated, at least in well-supported theoretical terms, that Dr. Manhattan could at any time destroy large areas of Soviet territory instantly. It has been similarly theoretically demonstrated that, were a full scale nuclear assault to be launched upon America from Soviet bases in the U.S.S.R. and Europe, Dr. Manhattan would be able to deflect or disarm at least sixty percent of all incoming missiles before they had reached their targets. Against odds like that, it is argued, Russia would never risk instigating a full-scale global conflict. Since it is not in America's interests to promote such a conflict, does that mean that global peace is once and finally assured? No. It does not.

For one thing, it is an assumption based upon the belief that American psychology and its Soviet counterpart are interchangeable. To understand the Russian attitude to the possibility of a third world war one must first understand their attitude to the second. In WWII, none of the allied powers fought so bitterly or sustained such losses as did the Russians. It was Hitler's lack of success in his assault upon the

Soviet heartland that assured his eventual defeat, and though it was paid for mostly by Soviet lives, the entire world reaped the benefits. In time, the Russian contribution to the war effort has been downplayed and dismissed—most noticeably as our political differences became wider—as we glorified our own contribution while forgetting that of our estranged former allies. The Russians, however, have not forgotten. There are still those who remember the horror of a war fought on their soil, and almost certainly there are members of the Politburo in that category. From my reading of various pronouncements made by the Russian high command over the years, I am convinced that they will never again permit their nation to be threatened in a similar manner, no matter what the cost.

The presence of a deterrent such as Dr. Manhattan has doubtless curbed Soviet adventurism, as there have been numerous occasions when the U.S.S.R. has had to step down over some issue rather than risk escalation into a war it certainly could not win. Often, these reversals have been humiliating, and this has perhaps fostered the illusion that the Soviets will suffer such indignities endlessly. This is a misconception, for there is indeed another option available.

That option is Mutually Assured Destruction. Stated simply, Dr. Manhattan cannot stop all the Soviet warheads from reaching American soil, even a greatly reduced percentage would still be more than enough to effectively end the organic life in the northern hemisphere. The suggestion that the presence of a superhuman has inclined the world more towards peace is refudiated by the sharp increase in both Russian and American nuclear stockpiles since the advent of Dr. Manhattan. Infinite destruction divided by two or ten or twenty is still infinite destruction. If threatened with eventual domination, would the Soviets pursue this unquestionably suicidal course? Yes. Given their history and their view of the world, I believe that they would.

Our current administration believes otherwise. They continually push their unearned advantage until American influence comes uncomfortably close to key areas of Soviet interest. It is as if—with a real live Deity on their side—our leaders have become intoxicated with a heady draught of Omnipotence-by-Association, without realizing just how his very existence has deformed the lives of every living creature on the face of this planet.

This is true in a domestic sense as well as a broader, international one. The technology that Dr. Manhattan has made possible has changed the way we think about our clothes, our food, our travel. We drive in electric cars and travel in leisure and comfort in clean, economical airships. Our entire culture has had to contort itself to accommodate the presence of something more than human, and we have all felt the results of this. The evidence surrounds us, in our everyday lives and on the front pages of the newspapers we read. One single being has been allowed to change the entire world, pushing it closer to its eventual destruction in the process. The Gods now walk amongst us, affecting the lives of every man, woman and child on the planet in a direct way rather than through mythology and the reassurances of faith. The safety of a whole world rests in the hands of a being far beyond what we understand to be human.

We are all of us living in the shadow of Manhattan.

